APPENDIX A

Joint Hazard Mitigation Plan

Emanuel County, GA

And the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, & Twin City

2021-2026

Contents

Chapter 1: Introduction to the Planning Process 7

Section I. Purpose and Need, Authority, and Statement of Problem 8

Section II. Local Methodology, Plan Update Process, and Participants 11

Section III. Plan Review, Analysis and Revision 16

Section IV. Organization of the Plan 18

Section V. Local Hazard, Risk, and Vulnerability (HRV) Summary 20

Section VI. Multi-Jurisdictional Special Considerations 22

Section VII. Adoption, Implementation, Monitoring, and Evaluation 23

Section VIII. Community Data 24

Chapter 2: Natural Hazard & Technological Hazard, Risk & Vulnerability (HRV) 26

Section I. Natural Hazard Event-Thunderstorm/Windstorm 28

Section II. Natural Hazard Event-Hurricane/Tropical Storm 37

Section III. Natural Hazard Event-Tornado 46

Section V. Natural Hazard Event- Wildfire 62

Section VI. Natural Hazard Event-Excessive Heat 73

Section VII. Natural Hazard Event-Drought 79

Section IX. Technological Hazard-Hazardous Materials 106

Section X. Natural Hazard Event-Hailstorm 115

Chapter 3: Natural Hazard Mitigation Goals & Objectives 122

Section I. Introduction to Mitigation Strategy 123

Section II. Thunderstorm/Windstorm 126

Section III. Tropical Storms/Hurricanes 129

Section IV. Tornado 133

Section V. Severe Winter Weather 139

Section VI. Wildfire 142

Section VII. Excessive Heat 148

Section VIII. Drought 151

Section IX. Flooding/Dam Failure 153

Section X. Hazardous Materials 159

Section XI. Hailstorm 161

Chapter 4: Plan Implementation 163

Section I. Integration into Local Planning Mechanisms 163

Section II. Monitoring, Evaluation, Updating 164
Section III. Conclusion 168
Section IV. References 169

Appendices

Appendix A- Hazard Identification, Risk Assessment, & Vulnerability (HRV)

Section I- Thunderstorm/Windstorm

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Section II- Tropical Storm/Hurricane

A. Critical Facility List
B. NCDC Data
C. Tornado Project Data
D. Maps
E. GEMA Worksheet 3
F. GMIS Hazard Scores

Section III- Tornado

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Section IV- Severe Winter Storm

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Section V- Wildfire

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Section VI- Excessive Heat

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Section VII- Drought

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores
F. Drought Time Series

Section VIII- Flooding

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores
F. FEMA NFIP Community Status Book

Section IX- Hazardous Material

A. Critical Facility List
B. Maps
C. GEMA Worksheet 3
D. GMIS Hazard Scores
E. TRI Data
F. PHMSA Data
G. HSI Data

Section X- Hailstorm

A. Critical Facility List
B. NCDC Data
C. Maps
D. GEMA Worksheet 3
E. GMIS Hazard Scores

Appendix B- Emanuel County Joint Comprehensive Plan Work Programs

Appendix C- Other Planning Documents

- 2018 Demographics
- 2017 Emanuel Census of Agriculture
- 2019 Georgia Hazard Mitigation Strategy
- 2020 Emanuel County Tax Structure Information
- Emanuel County Hazard Risk Assessment
- 2010 Flood Insurance Study
- 2018 Emanuel County CWPP
- Department of Labor Demographics-Emanuel County 2020

Appendix D- Worksheets Used in Planning Process

Section I- Blank FEMA Worksheets

Section II- 2021 Hazard Frequency Table

Section III- Completed Worksheets

A. FEMA Worksheet One
B. FEMA Worksheet Two
C. FEMA Worksheet Three
D. FEMA Worksheet Four

Appendix E- Miscellaneous Required Planning Documentation

Section I- Meeting Sign in Sheets

Section II- City Council and County Commission Agendas

Section III- Public Hearing Notices

Section IV- Contract with Regional Commission

Section V- Neighboring Community Invitation

Section VI- Adoption Resources

Chapter 1: Introduction to the Planning Process

Overview:

Table 1.1 provides a brief description of each section in this chapter and a summary of changes that have been made to the Emanuel County Hazard Mitigation Plan.

Table 1.1: Overview of Updates to Chapter 1

Chapter 1 Section	Updates to Section
I. Purpose, Need, Authority, and Statement of Problem	Language updated to reflect that this was an update to the existing plan
II. Local Methodology, Plan Update Process, and Participants	Planning Committee reviewed each section and updated as necessary
III. Plan Review, Analysis, and Revision	Planning Committee reviewed each section Updates made using national, state, and local data
IV. Organization of Plan	Consistent with original plan
V. Local Hazard, Risk and Vulnerability (HRV) Summary, Local Mitigation Goals, and Objectives	Updates made using national, state, and local data
VI. Multi-Jurisdictional Special Considerations	No major changes from original plan
VII. Adoption, Implementation, Monitoring, and Evaluation	Evaluation method revised and updated.
VIII. Community Data	Updates made using most recent available national, state, and local data

Section I. Purpose and Need, Authority, and Statement of Problem

The purpose of this document is to update the 2015 Emanuel County Multi-Jurisdictional Hazard Mitigation Plan, to provide an overview of the hazards that may impact Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City and to outline the community's plans to mitigate the potential loss of life and damages to property along with the affect on the economy that could occur with these events. The information that is contained within this document is intended to provide the framework for hazard mitigation goals and objectives that are to be implemented by the local governments within Emanuel County. The intent of achieving the set goals and objectives is to reduce the risk and damage associated with the identified hazards. The implementation of this plan is designed to better prepare Emanuel County for hazards that threaten the safety of all of its residents. Hazard Mitigation is a means to address and proactively reduce the potential damage that may be caused by natural or man-made disasters.

This document will serve as a reference for elected officials and agency representatives who are responsible for making the critical decisions necessary to ensure the protection of the citizens of Emanuel County. The updated Hazard Mitigation plan is to be utilized as a current guide for Emanuel County and its' municipalities in order to implement future hazard policies, programs, and projects that adhere to the goals of the plan. In addition to the creation of preemptive measures designed to reduce the damage of a disaster, by meeting the mandated requirements the county enables itself to qualify for federal post-disaster assistance.

This plan is a direct result of research and a planning and public involvement process undertaken by the local government officials and citizens of Emanuel County and the Cities of Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City after they formed the Emanuel County Hazard Mitigation Plan Update Committee (hereafter known as the HMPUC). With this plan, Emanuel County is continuing its commitment to protecting the health, life, property, and overall well-being of its citizens. The HMPUC examined which natural disasters posed the greatest threat within the county and then outlined the potential steps that can be implemented in order to minimize devastation possibilities. The individuals involved in the preparation of this plan feel that this plan accurately reflects the potential hazards faced by the county and proposes preemptive measures that address these areas.

By identifying risks and areas of vulnerability, the county will be able to make further preparations to minimize the impact of the hazards. The Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City are the only incorporated cities located in Emanuel County.

Authority:

For the development of this plan, authority was given by the Emanuel County Commission as a result of their execution of the Grantee-Subgrantee Agreement for the Emanuel County Pre-Disaster Mitigation Plan Update Project (PDM); and by the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City located within Emanuel County, through their participation in the planning project.

The Hazard Mitigation Plan Update will meet the requirements of the Disaster Mitigation Act of 2000 Public Law 106-390, October 30, 2000, as stipulated in the Interim Final Rule 44 CFR 201.4 Standard State Plan criteria, published on February 26, 2002. Meeting these regulations will allow Emanuel County to maintain eligibility and qualify for all federally declared disaster assistance, including certain types of

Public Assistance and hazard mitigation grants available through the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288, as amended). These forms of assistance will further the county's ability to provide for the safety and well-being of its citizens. Meeting these regulations will allow Emanuel County to maintain eligibility and qualify for all federally declared disaster assistance, including certain types of Public Assistance and hazard mitigation grants available through the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288, as amended).

Disaster Mitigation Act of 2000 (DMA 2000)

In the past, federal legislation has provided funding for disaster relief, recovery, and some hazard mitigation planning. DMA 2000 is the latest legislation to improve the planning aspect of that process. The Act reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur. The Act establishes a pre-disaster hazard mitigation program and designates new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP). Section 322 of the Act identifies the new requirements for planning activities and increases the amount of HMGP funds available to states that have developed a comprehensive mitigation plan prior to disaster. State and communities must have an approved mitigation plan in place prior to receiving post-disaster HMGP funds. Local mitigation plans must demonstrate that their proposed mitigation measures are based on a sound planning process that accounts for the risk to and the capabilities of the individual communities.

To implement the new DMA 2000 requirements, the Federal Emergency Management Agency (FEMA) prepared an Interim Final Rule, published in the Federal Register on February 26, 2002 at 44 CFR Parts 201 and 206, which establishes planning and funding criteria for states and local communities. The Rule identifies criteria for detailed Hazard, Risk, and Vulnerability (HRV) assessments.

Failure to meet the new criteria will make state and local governments ineligible for Stafford Assistance, and thus forfeit some types of emergency assistance. The following section describes the existing state planning initiatives and mitigation programs.

Georgia Planning Act

The Georgia General Assembly adopted the Georgia Planning Act in 1989 to encourage better management of growth in previously developed and developing areas of the State while encouraging smart development in less prosperous areas. Although supporting development, the legislature still strives for the conservation and protection of natural and historic resources, protection, and promotion of quality of life through proper land use planning, and protection of community facilities. The cornerstone of the coordinated planning program is the preparation of a long-range comprehensive plan by each local government.

This plan is intended to highlight community goals and objectives as well as determine how the government proposes to achieve those goals and objectives. With the passage of the Georgia Planning Act of 1989, all of Georgia's 159 counties and 535 municipalities were designated "Qualified Local Governments". Each of these local governments must maintain their status to remain eligible for a range of state and federal assistance programs. Continuing efforts strive for integrating the local hazard mitigation planning with the local comprehensive planning process.

Erosion and Sedimentation Control OCGA 12-7-1

The Georgia Erosion and Sedimentation Act requires that each county or municipality adopt a comprehensive ordinance establishing procedures governing land-disturbing activities based on the minimum requirements established by the act. The Erosion and Sedimentation Act is administered by the Environmental Protection Division (EPD) of the Georgia Department of Natural Resources (DNR) and local governments. Permits are required for specified land-disturbing activities, including the construction or modification of manufacturing facilities, construction activities, some activities related to transportation facilities, activities on marsh hammocks and others.

River Corridor Protection OCGA 12-2-1

The statute informally known as the Mountain and Corridor Protection Act authorizes DNR to develop minimum standards for the protection of river corridors (and mountains, watersheds, and wetlands) that can be adopted by local governments. The EPD administers the act. All rivers in Georgia with an average annual flow of 400 cubic feet per second are covered by the act, except those within the jurisdiction of the Coastal Marshlands Protection Act.

Some of the major provisions of the act include requirements for a 100-foot vegetative buffer on both sides of rivers, consistency with the Georgia Erosion and Sedimentation Act, and local governments' identification of river corridors in land-use plans developed under their respective comprehensive planning acts.

Watershed and Flood Prevention Act, PL 83-566, August 4, 1954 (16 U.S.C. 1001-1008)

This act authorized the establishment of programs to aid in protecting the lives and property threatened by natural disasters related to watersheds (such as flooding and erosion). Prior to fiscal year 1996, separate programs addressed small watershed planning activities and cooperative river basin surveys and investigations.

After the 1996 appropriations act, the activities specified under the Watershed and Flood Prevention Act were combined into the single program known as the Emergency Watershed Protection (EWP) program. The purpose of the EWP program is to assist federal, state, local agencies, and tribal governments to protect watersheds from damage caused by erosion, floodwater, and sediment as well as to conserve and develop water and land resources. Resource concerns addressed by the program include water quality, water conservation, wetland protection and restoration, water storage capacity, agricultural drought problems, rural development, municipal and industrial water needs, upstream flood damages, and water needs for wildlife and forest-based industries. Methods of planning and surveying addressed by the program include specific watershed plans, river basin surveys, flood hazard analyses and floodplain management assistance. The purpose of the plans and surveys is to identify solutions that use land treatment and nonstructural measures to resolve resource problems.

Federal Hazard Mitigation Programs

Because the Georgia Emergency Management Agency (GEMA) administers federal hazard mitigation programs for Georgia, GEMA's planning process is inherently integrated into these federal programs, specifically the Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), the National Flood Insurance Program (NFIP), the Community Rating System (CRS), Flood Mitigation Assistance Program (FMA), the Map Modernization Project, Repetitive Flood Claims Program (RFC) and Severe Repetitive Loss Program (SRL). The Hazard Mitigation Grant Program (HMGP), authorized under Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, provides grants to states and local governments to implement long-term hazard mitigation measures after a major disaster

declaration in order to reduce the loss of life and property due to hazard events and to enable the implementation of mitigation measures during the immediate recovery period.

Repetitive Flood Claims (RFC) Program
This grant program was authorized by the Bunning-Bereuter- Blumenauer Flood Insurance Reform Act of 2004 (P.L. 108–264), which amended the National Flood Insurance Act (NFIA) of 1968 (42 U.S.C. 4001, et al). The RFC program provides funds to assist states and communities in reducing flood damages to insured properties that have had one or more claims to the National Flood Insurance (NFIP) Fund. RFC grants are to be awarded on a competitive basis and without reference to state allocations, quotas, or other formula-based allocation of funds. Georgia utilized project grants in the first two years of this program's existence to permanently mitigate NFIP insured structures through property acquisition.

In order to initiate an outreach program to neighboring communities, governments, local and regional agencies, and to agencies authorized to regulate development, business, and the public, two Public Hearing Notices were published in the legal organ of the local newspaper. In addition, e-mail lists of stakeholders were kept updated and those listed were informed of meetings through e-mails, letters, and/or telephone calls. Surrounding county EMA Directors were notified of the plan update via formal letters and invited to participate in the process.

Planning Division staff from the Heart of Georgia Altamaha Regional Commission, which represents seventeen counties in the region (including Emanuel County), attended the Emanuel County meetings. The Heart of Georgia Altamaha Regional Commission participated in all aspects of the planning process and provided a regional perspective in the formation of the Emanuel County Multi-jurisdictional Hazard Mitigation Plan.

Through the above efforts, the Emanuel County Multi-jurisdictional Hazard Mitigation Plan will be updated, including a comprehensive range of Mitigation Goals, Objectives, and Action Steps which will assist the local governments in emphasizing a more direct approach to Hazard Mitigation. The long-term goal is to reduce potential natural disaster losses to life, property, and the economy through Hazard Mitigation efforts.

Section II. Local Methodology, Plan Update Process, and Participants

This Hazard Mitigation Plan Update encompasses the jurisdictions of Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. Each of these jurisdictions also participated in the previous Hazard Mitigation Plan update. The Emanuel County Board of Commissioners contracted with the Heart of Georgia Altamaha Regional Commission to provide consultation, meeting facilitation, data collection, technical assistance, and plan development services. Following the formation of a steering committee, a year-long planning effort was undertaken, the final product of which was a Plan Update containing updated Mitigation Goals, Objectives, and Action Steps to reduce or eliminate the potential for loss of life and damage to property and the economy caused by natural disasters (see Chapter 4).

The 2021 Emanuel County Hazard Mitigation Plan Update process began with the development of a planning committee (Emanuel County HMPUC), which would provide input and guidance throughout the initiative. This committee consisted of representatives from both the county, each of its muncipalities, as well as other local and regional agencies. In order to ensure participation and meet federal

requirements, an invitee list was compiled of local and regional individuals and organizations that were essential to the success of the plan. These individuals were invited to attend and participate in the planning process. Members of the Emanuel County HMPUC were contacted by telephone or by letter/e-mail concerning their participation on the Committee.

An e-mail list of stakeholders was kept up to date, including all the attendees who wrote their e-mail address on the sign-in sheet at each meeting, as well as any other interested parties. Further reminders of meetings were provided as needed through telephone calls and in-person communication. A formal invitation was extended via United States Postal Service to EMA offices in the neighboring communities of: Johnson, Treutlen, Toombs, Tattnall, and Candler Counties requesting their attendance at the Final Public Hearing for a plan review and comments. (An example of this letter can be found in Appendix E, Subfolder V).

The publication of a Public Notice is considered the legal method of notifying the public and inviting them to meetings. The public was invited to attend and comment during two public hearings. The "kick-off" public hearing was advertised in the local newspaper (meeting advertisements and sign-in sheets are provided in Appendix E). Open discussion was permitted at all public meetings for suggestions and/or comments regarding the plan update.

During general question and answer periods, comments (if any) were noted by the Heart of Georgia Altamaha Regional Commission staff and incorporated into the plan as appropriate. Opportunities for submitting public comments or input were made available by phone, email, and written letter. There were no substantive comments other than those complimentary of the planning process itself. Therefore, there was no need to consider or add public comments. Prior to submitting the plan to FEMA, the public had the opportunity to submit comments and input regarding the plan at the final public meeting.

The Emanuel County HMPUC was comprised of individuals, representatives from Emanuel County, the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City, and included representatives from appropriately concerned departments. Table 1.2 shows a chart of those who attended meetings and/or conducted research.

Sign-in sheets were collected at each formal and informal meeting to document individual participation. Meeting sign-in sheets may be found in Appendix E. The committee held the following meetings:

- **Kick off Public Hearing- May 9th, 2019**
  - Established a regular meeting schedule and addressed goals for each meeting.
- **First Formal Meeting- July 18th, 2019**
  - Discussed hazard identifications, hazard event profiling, hazard risk assessment, and vulnerability/critical facilities.
- **Second Formal Meeting- August 27th, 2019**
  - Reviewed and discussed 2015 version of Chapter 3, and action steps.
- **Third Formal Meeting- October 10th, 2019**
  - Discussed Goals and Objectives, reviewed action steps.
- **Fourth Formal Meeting- December 4th, 2019**
  - Reviewed first draft of 2021 update: Chapter 3 (Natural Hazard Mitigation Goals and Objectives) and Chapter 4 (Plan Implementation).
- **Final Public Hearing-February 17th, 2021**

- Reviewed final draft of the updated plan. No comments or questions were made by the public regarding the plan.

Table 1.2 List of Representatives

Name	Jurisdiction	Organization/Title
Amber Fagler	Emanuel County	Emanuel County Health Department, Nurse
Ann Buxton	City of Swainsboro	Franklin Memorial Library, Library Manager
Anthony Bennett	Emanuel County	Emanuel County Board of Commissioners, Road Superintendent
Brad Kirby	Emanuel County	Emanuel County Road Department, Superintendent
Charles Schwabe	City of Swainsboro	City of Swainsboro, Mayor
Charlotte Wood	City of Swainsboro	Swainsboro Dialysis, Clinic Manager
Constance Hughes	Twin City	City of Twin City, City Clerk
Courtney Terwilliger	Emanuel County	Emanuel Medical Center, EMS Director Emergency Planner
Darryl Grey	Emanuel County	Emanuel County Tax Assessor's Office, Chief Appraiser
David Steptoe	City of Swainsboro	East Georgia State College, Director of Plant Operations
Dawn Braddy	Emanuel County	Magistrate Court, Magistrate/Clerk
Don Wilkes	Emanuel County	Emanuel County Probate Court, Probate Judge
Doug Claxton	GA Forestry	GA Forestry, Ranger 3
Eileen M. Dudley	Twin City	City of Twin City, Mayor
Erma Jenkins	Emanuel County	Emanuel Medical Center, Authority Chair
Foster Grimes	Twin City	Twin City Fire Department, Chief
Gail Ware	Emanuel County	Retired STC-VPIE, IE Advisor
Guy Singletary	Emanuel County	Emanuel County, County Administrator
Hal Bridges	City of Summertown	Summertown Volunteer Fire Department, Chief
Hugh Foskey	Emanuel County	Emanuel County Board of Commissioners, County Commissioner
James Canady	Emanuel County	Emanuel County Board of Commissioners, County Commissioner
Jennifer Harrison	Emanuel County	Emanuel County Health Department, Nurse Manager
Jerry Lawson	Swainsboro/Emanuel	Swainsboro-Emanuel County Recreation
Jesse Yawn	City of Adrian	Adrian Fire Department, Chief
Jim Sherrod	Emanuel County	Emanuel County Board of Commissioners, County Commissioner
John Allen Bailey	Emanuel County	Emanuel County Board of Education, Board Member
John Wagner	Emanuel County	WXRS-Radio Jones, News Director
Joshua Pennington	City of Adrian	Adrian Police Department, Chief
Justin Morris	Emanuel County	Emanuel County, Code Enforcement Officer
Ken Warnock	Emanuel County	Emanuel Chamber of Commerce, CEO
Kerry Curry	Emanuel County	Emanuel County Elections, Director
Kevin A. Judy	Emanuel County	Emanuel County Board of Education, Superintendent
Kim Adams	City of Adrian	City of Adrian, Mayor
Kristin Hall	Emanuel County	Emanuel County Court, Clerk of Court

Lenora Robertson	Emanuel County	Emanuel County 911, Communications Dispatcher
Mack Seckinger	City of Swainsboro	East Georgia State College, Chief of Police
Martha Culbreth	Emanuel County	Emanuel County EMA, Director
Matt Donaldson	Twin City	City of Twin City, Mayor
Michael Strobridge	City of Swainsboro	Swainsboro Fire Department, Chief
Michelle Wimberly	City of Nunez	City of Nunez, Mayor
Mikey F. Lindsey	City of Oak Park	City of Oak Park, Mayor
Phillip Easterling	City of Swainsboro	South Eastern Technical College, Security Officer
Rocky Davis	Emanuel County	Emanuel County Sheriff's Office, Chief Deputy
Ronald Wiggins	Emanuel County	Emanuel County, Magistrate Court Judge
S. Carson Jones	GFC	GA Forestry, Chief Ranger
Sandra Wright	Emanuel County	Emanuel County, Tax Commissioner
Seth Brewer	Emanuel County	Emanuel County Board of Commissioners, Public Works Director
Shelby Meyers	GEMA/HS/HS	GEMA/HSGEMA, Planning Specialist
Stacey Scarboro	Emanuel County	Emanuel County Board of Commissioners, Administrative Assistant
Stephanie R. Jean	City of Adrian	City of Adrian, City Clerk
Stephen Mincey	City of Stillmore	Stillmore Police Department, Chief
Stuart Bowen	Emanuel County	Emanuel County Board of Commissioners, IT Director
Sue Bragg	City of Swainsboro	City of Swainsboro, City Council Member
Theda Delgado	City of Adrian	Adrian Fire Department, Firefighter
Tony Mangieri	Emanuel County	Swainsboro-Emanuel Co. Parks and Recreation, Director
William L. Cahill Jr	City of Garfield/City of Swainsboro	Garfield City Council, Public Safety Chairman Swainsboro Fire Department, PIO-Photographer
Willie Worthen	City of Garfield	City of Garfield, Mayor

The plan update process consisted of holding meetings to review the data that was collected and utilized in the 2015 plan: including hazard event data, goals and objectives, and other community profile data. The entire document was available at each municipality's office for public review. Each chapter was reviewed chronologically with updated hazards, risk, and vulnerability data, as well as previous accomplishments of mitigation strategy efforts. Formal meetings of the Plan Update Committee were held over a one-year span.

The local governments worked outside of meetings to conduct the research necessary to determine what objectives had been reached and to verify the accuracy of the hazard data. The governments also gave a brief update at their respective meetings to their council members and to the public who attended those meetings as to what stage the plan was at during the process, and it also gave the council members and the attendees an opportunity to comment on the process. The Plan Update Process began with an initial public hearing on May 9th, 2017.

The public was also invited to participate in the draft review process prior to submission to FEMA on February 17th, 2021. The public meeting was advertised in the local newspaper. Copies of the draft were available at the final public hearing as well as at the office of the Heart of Georgia Altamaha Regional Commission.

Section III. Plan Review, Analysis and Revision

The contracted planner with the Heart of Georgia Altamaha Regional Commission had primary responsibility for collecting updated information and presenting data to the committee. The HMPUC was responsible for identifying natural hazard events and completing a profile, vulnerability assessment, potential loss estimation (see Chapter 2, Appendix A, and Appendix D), and updating the Georgia Mitigation Information System (GMIS) Critical Facilities Inventory (see Appendix A). They were also responsible for reviewing and updating the Mitigation Goals, Objectives, and Action Steps (see Chapter 3), among other responsibilities.

Sections of the approved 2015 plan were provided to committee members as each respective issue was discussed throughout the update process. As mentioned within, the prior Hazard Mitigation Plan was used as a basis for the plan update. The Hazard Mitigation Plan Update Committee (HMPUC) reviewed all chapters and sections of the prior plan and updated them as appropriate, using national, state, and local sources.

The HMPUC also reviewed relevant local planning documents and other materials, all of which were incorporated into the current plan update through analysis by the HMPUC and further analysis by Heart of Georgia Regional Commission staff. The documents reviewed are shown in Table 1.3.

Table 1.3: Documents Reviewed

Existing Planning Mechanisms	Reviewed? (Yes/No)	Method of use in Hazard Mitigation Plan
2017 Comprehensive Plan (Multi - Jurisdictional)	Yes	Development trends, capability assessment, mitigation strategies
Local Emergency Operations	Yes	Identifying hazards, assessing vulnerabilities
Storm Water Management/Flood Damage Protection Ordinance	Yes	Mitigation Strategies, Capabilities assessment, mitigation strategies
Building and Zoning Code Ordinances	Yes	Development trends, future growth, capability assessment, mitigation strategies
Mutual Aid Agreements	Yes	Assessing vulnerabilities
State Hazard Mitigation Plan	Yes	Risk Assessment
Land Use Maps	Yes	Assessing vulnerabilities, development trends, future growth
Critical Facilities Maps	Yes	Locations, assessing vulnerabilities
County Flood Plain Maps	Yes	Locations
Community Wildfire Protection Plan	Yes	Mitigation strategies, risk assessment
2010 Flood Insurance Study	Yes	Mitigation Strategies, risk assessment
US Army Corps of Engineers: Dam Inventory Maps	Yes	Risk Assessment, assessing vulnerabilities

The Heart of Georgia Regional Commission staff used goals, strategies, projects, and other information from the above resources to help to develop the goals, priorities, and action steps that are listed in this current plan. After organizing resources, an update of the risk assessment was performed. New forms, worksheets, and data (included in the Appendix) were also completed. Afterward, the Mitigation Goals, Objectives, and Action Steps were reviewed to determine if they were to remain the same or be added to, modified, or removed.

For the plan update, the Hazard Mitigation Plan Update Committee (HMPUC) used the prior Hazard Mitigation Plan as a basis, reviewing all chapters and sections and updating them as appropriate using national, state, and local data sources. The HMPUC reviewed the individual parts of the prior plan (with an emphasis on the hazards, goals, objectives, and action steps), and updated these elements through open discussion in which updates were noted by the Heart of Georgia Altamaha Regional Commission staff, who then used notes from the meetings to create the new Hazard Mitigation Plan document. The Wildfire section was updated using the Georgia Forestry Commission's "Community Wildfire Protection Plan" (see Appendix C). The CWPP was consulted to ensure consistency between the CWPP and HMP, and all action items from the CWPP that were still relevant were included as action steps in the HMP.

Land use descriptions, information about zoning, and information about community services were updated using the current joint Comprehensive Plan for the county and cities. Other documents used were the Local Emergency Operations Plan, the previous Hazard Mitigation Plan, the State of Georgia Hazard Mitigation Plan, the Emanuel County Flood Insurance Study, and information from the National Climatic Data Center (NCDC). The State Hazard Mitigation Plan was consulted to ensure the HMP would be consistent with this plan, and data from the NCDC was used to create the Hazard Frequency Table and associated information regarding each hazard, which can be found in Chapter 2. The county and cities do not have a Flood Mitigation Assistance Plan.

All chapters of this plan have been updated to reflect the new material last plan approval (2015). See the tables at the beginnings of the chapters for further information regarding which items were updated and modified.

Section IV. Organization of the Plan

The Hazard Mitigation Plan Update is organized to incorporate the requirements listed in the Interim Final Rule 44 CFR 201.6 Local Mitigation Plans criteria in several chapters.

Chapter 1 (current chapter) includes an overview of the plan update document, an overview of the various state and federal authorizing authorities, the goals of the plan, and information detailing the planning process in order to be in complete compliance with Interim Final Rule 44 CFR 201.6(c)(1).

Chapter 2 outlines the history of natural hazards in terms of events and losses, identifies current hazards, assesses each jurisdiction's risks and vulnerabilities, and analyzes the potential losses to the county and included jurisdictions, as stipulated by Interim Final Rule 44 CFR 201.6(c)(2).

Chapter 3 outlines the community's hazard mitigation goals and objectives, mitigation actions and activities, and sources of mitigation project funding from all levels, as stipulated by Interim Final Rule 44 CFR 201.6(c)(3).

Chapter 4 outlines the process of plan integration and maintenance, including how the plan will be incorporated into other planning mechanisms, strategies for monitoring the implementation of mitigation efforts, the methods and schedule of updates, and reviewing progress of achieving the goals outlined in Chapter Four, as well as a description of approaches used to encourage public involvement as stipulated by Interim Final Rule 44 CFR 201.6(c) (4).

Appendices provide reference material used for the update process.

This plan focuses on nine natural hazards and one technological hazard chosen by the HMPUC that may affect and cause damage to Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. Chapter 2 and Appendix A are each subdivided into Sections I through X; these sections reflect the nine natural hazards and one technological hazard that were chosen. The hazards are as follows (in order of priority):

1. Thunderstorm/Windstorm
2. Hurricane/Tropical Storm
3. Tornado
4. Severe Winter Storm
5. Wildfire
6. Extreme Heat
7. Drought
8. Flooding/Dam Failure
9. Hazardous Materials
10. Hailstorm

Other hazards, such as Avalanche, Coastal Erosion, Coastal Storm, Earthquake, Expansive Soils, SLOSH (Sea, Lake and Overland Surges from Hurricanes), Tsunami, and Volcano, were examined and determined

not to be of sufficient significance in the community to warrant their inclusion in the present Hazard Mitigation Planning effort, based on past history and available data.

This plan also contains a HAZUS report (see Appendix C), a comprehensive range of Mitigation Goals, Objectives, and Action Steps (Chapter 3), and information on implementation, monitoring, and plan update and maintenance (see Chapter 4), as well as other FEMA-required items and materials (included in various Chapters, Sections and Appendices).

Throughout the effective time period of this plan, the County Commissioners and City Council Members will assign staff, as appropriate, to implement the comprehensive range of Mitigation Goals, Objectives, and Action Steps and other pertinent items that are contained in this plan.

The Emanuel County Multi-Jurisdictional Hazard Mitigation Plan exists in one volume appended with various papers and documents, as well as a PDF document that is available on the Heart of Georgia Altamaha website. The planning efforts of Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City intended to be an ongoing process and the plan is to be amended as appropriate.

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Copies of the plan are on file and may be examined at the county and city government offices, the County Emergency Management Agency, the Heart of Georgia Altamaha Regional Commission office (as well as the HOGARC website: www.hogarc.org), and the Georgia Emergency Management and Homeland Security Agency (GEMHSA).

Section V. Local Hazard, Risk, and Vulnerability (HRV) Summary

The HMPUC determined that the first nine hazards established in the previous plan were still the most significant threats to the community, however, the HMPUC changed the order of priority. In addition, since the adoption of the 2015 plan, the HMPUC decided to include one additional hazard in 2021-2026 plan. The additional hazard is hazardous materials, which is a technological hazard. A Hazard, Risk, and Vulnerability (HRV) Assessment has been formulated through a variety of information obtained during the planning process. Information has been obtained from online databases, published sources, and personal accounts regarding hazards, their history in the community, and when and where they were active. This summary is provided in Chapter 2.

The Emanuel County local risk assessment was accomplished by compiling data on the hazards that could affect the county and its residents, profiling these past hazard events, and then assessing the community's vulnerability to these hazards. The Emanuel County Hazard Mitigation Plan Update Committee accomplished the risk assessment by conducting the following steps:

1. Hazard Identification
2. Hazard Event Profiling
3. Vulnerability Assessment
4. Potential Loss Estimates

1. Hazard Identification: Maps and historical data sources were studied and reviewed to identify the geographic extent, intensity, and probability of occurrence for various hazard events. FEMA Worksheet #1 (Identify the Hazard) was used in this process. A copy of this worksheet is provided in Appendix D. The Emanuel County Hazard Mitigation Plan Update addresses the following hazards considered by committee members to pose the most threat to residents, property, and to the economy of Emanuel County:

1. Thunderstorm/Windstorm
2. Hurricane/Tropical Storm
3. Tornado
4. Severe Winter Storm
5. Wildfire
6. Extreme Heat
7. Drought
8. Flooding/Dam Failure
9. Hazardous Materials
10. Hailstorm

A comprehensive history of events for each hazard for Emanuel County is provided in Appendix A.

2. Hazard Event Profiling: Past hazard event data were collected through an extensive process that utilized input from Emanuel County Hazard Mitigation Plan Update Committee members, research on past disaster declarations in the County, information provided from the National Climatic Data Center and the National Weather Service, a review of current Flood Insurance Rate Maps (FIRM) and internet and newspaper data searches. This source data was used to complete a Hazard Frequency Table for committee analysis purposes. A copy of the Hazard Frequency Table is provided in Appendix D.

The committee analyzed the causes and characteristics of each hazard, how the hazard had affected Emanuel County in the past, and what part of Emanuel County's population and infrastructure had historically been vulnerable to each specific hazard. FEMA Worksheet #2 (Profiling Past Hazards) was used to complete this process. A profile of each hazard discussed in this plan is provided in Chapter 2. A copy of Worksheet #2 is provided in Appendix D.

Additionally, to help assess the risk associated with each hazard a worksheet developed from the "FEMA Mitigation Plan Review Reference Manual" was used. The worksheet asked committee members to rate each hazard based upon several characteristics: Historical Occurrence, Probability, Vulnerability, Maximum Threat, Severity of Impact, and Speed of Onset. These ratings provided a detailed assessment and a prioritization of each hazard. A copy of this worksheet can be found in Appendix D.

Regarding hazard probability, an informal measurement scale was developed based on historical occurrence data to gauge the probability of future occurrences. The scale can be seen below.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

3. Vulnerability Assessment: The asset inventory component of the HRV assessment data included the development of a database that provides county infrastructure and critical facilities data as well as estimated structure dollar values for loss estimates. This critical facilities database was developed by the Heart of Georgia Altamaha Regional Commission, in conjunction with the Emergency Management Agency office and the tax assessor's office. Information collected includes structure location, value, contact information and facility type. This database was also presented to the update committee for revisions and additions to further ensure its accuracy.

A critical facility, for the purposes of this plan, is defined as a facility in either the public or private sector that provides essential products and services to the general public, is otherwise necessary to preserve the welfare and quality of life in the County, or fulfills important public safety, emergency response and/or disaster recovery functions.

The critical facilities identified by the committee in the County include governmental services facilities; water and wastewater treatment plants and lift stations; electric and communication utilities; hazardous waste sites; schools; public safety facilities; healthcare facilities; and essential roadways and bridges. A community's vulnerability can be described in terms of the assets located within the extent of a hazard event and the potential losses if such an event occurs. Therefore, the vulnerability assessment was accomplished by comparing each previously identified hazard with the inventory of affected critical facilities and population exposed to each hazard. GEMA Worksheet # 3a, provided in Appendix D, III outlines this step of the HRV assessment. Assessing vulnerability, for the purposes of this plan, also included a review of the Emanuel County Joint Comprehensive Plan to assess general land use patterns and development trends. This review can be found in Appendix B.

4. *Potential Loss Estimates:* Using the best available data and mathematical modeling, estimated damages and financial losses likely to be sustained in a geographic area during a hazard event were calculated.

Describing vulnerability in terms of dollar losses provides the county with a common framework in which to measure the effects of hazards on critical facilities. The number and type of structures in the County have been determined for potential loss estimations. The source of the information was the County Tax Assessor's Office. Additional information can be found in Appendix D.

The Emanuel County Hazard Mitigation Plan Update Committee used the results of the Hazard, Risk and Vulnerability Assessment, as well as the reported accomplishments to identify and prioritize appropriate further mitigation goals, objectives, and related actions. The Planning Committee identified mitigation strategies over the course of two formal meetings. After ensuring that all interested persons had been given ample opportunity to contribute to strategy development, mitigation action steps were next given priority status by committee members.

To evaluate priorities, committee members used as a guide a planning tool prepared by FEMA known as STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) criteria. Each mitigation strategy step was evaluated using STAPLEE criteria as the guiding principle to identify those steps best for Emanuel County. Each mitigation strategy step is assigned a priority ranking through the classifications of "high," "medium," or "low." Priority classifications are defined as "high" denoting a priority of upmost importance and/or immediacy, "medium" denoting a priority of less importance and/or immediacy, and "low" denoting a priority of least importance and/or immediacy. Past occurrences of disasters and historical trend data aided committee members in assigning priorities.

The vulnerability of the community to natural hazards is also summarized in the Hazard Frequency Table (see Appendix D), and the Inventory of Assets and number of people exposed to each hazard is evaluated in GEMA Worksheet 3A (see Appendix A and Appendix D). Critical Facilities and Critical Infrastructure are also examined as to the present value and potential losses from natural hazards (see Appendix D:III).

A description that identifies and analyses a comprehensive range of Mitigation Goals, Objectives, and Action Steps to reduce the effects of each hazard (based on risk assessment findings, with identifiable comprehensive ranges for each jurisdiction) is included in Chapter 3. In Chapter 3, Section I, there is a description related to prioritization of these Mitigation Goals, Objectives, and Action Steps through the use of cost/benefit analysis, STAPLEE (Social, Technical, Administrative, Political, Legal, Economic and Environmental), and other criteria. Also, in Chapter 4, there are sections on Implementing the Action Plan (see Section I), Evaluation, Monitoring, Updating, (see Section II), and Plan Update and Maintenance (see Section III).

Section VI. Multi-Jurisdictional Special Considerations

The municipalities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, Twin City, as well as representatives of the unincorporated portions of Emanuel County, were active participants in the planning process. In addition, the representatives from each municipality participated equally by attending meetings, supplying data, and by discussing the needs and opportunities of the plan. Primarily, the goals and action steps apply to all jurisdictions, however, there are a few mitigation goals identified in this plan update which may apply to certain jurisdictions. These steps are identified in the appropriate sections. The Emanuel County Emergency Management Agency (EMA) Director will coordinate with city officials to execute all multi-jurisdictional steps. The EMA Director does not have the authority to implement items within the municipality. However, the committee has chosen to coordinate communication efforts to implement and document progress towards goals with the EMA Director.

Section VII. Adoption, Implementation, Monitoring, and Evaluation

Upon final approval by GEMA and FEMA Region IV, the Emanuel County Board of Commissioners and municipalities formally adopted the Emanuel County Hazard Mitigation Plan. Documentation of both adoption decisions is included in Appendix E.

Emanuel County currently utilizes comprehensive land use planning and building codes to guide and control development in the county. The Emanuel County Hazard Mitigation Plan will be presented to the Committees and persons responsible for updating Comprehensive Plans and Capitol Improvement plans, for their use in incorporating the Hazard Mitigation goals and objectives. In addition, the Commission and City Councils will ensure that the local authorities responsible for the Local Emergency Operations Plan (LEOP) and other multi-jurisdictional plans utilize guidance from the Hazard Mitigation Plan. The Emergency Management Agency Director will convene the committee in January of each year. Committee members will be responsible for evaluating the progress of the mitigation strategies in the plan.

The committee will review each goal, objective, and action step to determine relevance to changing situations in the county and municipalities, as well as changes in state and federal policy, and to ensure that the plan is addressing current and expected conditions as needed. The committee will also review the risk assessment portion of the Plan to determine if this information should be updated or modified. The Plan Review Committee will prepare a report for the County Commission and Municipal Authorities. Through public invitation at the County Commission meeting held in January of each year, the County Commissioners will evaluate and update the plan to ensure mitigation action steps are being established and that existing programs are utilizing the guidance provided by the Hazard Mitigation Plan. The EMA Director will then forward any changes to Georgia Emergency Management Agency's Hazard Mitigation Officer.

The parties responsible for the various implementation actions will provide a project status report and will include which implementation processes worked well, any difficulties encountered, how coordination efforts were proceeding, and which strategies should be revised. Emanuel County is dedicated to involving the public directly in the continual reshaping and updating of the Hazard Mitigation Plan. The Plan Review Committee is responsible for the annual review and update of the Plan. Although they will represent the public to some extent, the public will also be able to directly comment on and provide feedback about the Plan.

Copies of the plan will be available at the Emanuel County EMA office, and the County Commissioner's Office. The existence and location of these copies will be publicized in the local newspaper. All comments and questions will be directed to the local Emergency Management Agency Director for follow-up. The publicly declared County Commission meeting to evaluate and update the plan will provide the public an additional forum for which they can express concerns, opinions, or ideas about the plan.

After all plan development meetings were concluded, the draft plan was submitted to all local governments for their review. The final public hearing was held on February 17th, 2021, in order to provide a further opportunity for public comment and review. After this final public hearing, resolutions adopting the plan were passed by the local governments on **[insert date here once the plan is adopted]** adopting the Plan Update. Copies of the public hearing advertisements and resolutions are available in Appendix E. After the final public hearing, the draft plan was then submitted to FEMA for their review and approval.

The comprehensive range of Mitigation Goals, Objectives, and Action Steps (see Chapter 3), which contains items related to all local governments, will be implemented as soon as possible and/or as funds become available to do so.

All sections of the plan will be monitored and evaluated annually by the County Emergency Management Agency. Incremental accomplishments of Mitigation Goals Objectives and Action Steps will be reported to the public through appropriate means (TV, website, social media, local newspapers, City Council meetings, County Commission meetings, etc.).

Section VIII. Community Data

History

Emanuel County was carved from Bulloch and Montgomery counties in 1812 and named for David Emanuel, a veteran of the Revolutionary Wary (1775-83), who served as governor of the state in 1801. Although portions of Emanuel County were later annexed by five other counties, Jonson (1853), Jenkins (1905), Toombs (1905), Candler (1914), and Treutlen (1918), its remaining 680 square miles make it the seventh largest in area of Georgia's counties.

The county's original inhabitants were Creek Indians, who lost their land in the 1773 and 1783 Indian cessions. The first white settlers arrived thereafter, acquired land by lottery, and cleared arable land from the pine barrens that cover the county to set up subsistence farms. Forest-related industries soon joined agriculture as an economic mainstay, with the longleaf pine forests providing raw material for sawmills, turpentine stills, and cabinetmakers.

Emanuel County includes eight municipalities: Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. The county seat of Swainsboro was established as the county seat in 1822. The town was named in recognition of Stephen Swain, the state senator who introduced the bill for the county's creation in 1812. The town's name was changed to Paris at its incorporation on February 18th, 1854, but three years later reverted to its current name.

The City of Adrian is located on the western boarder of the county. The City of Adrian began as a place in 1891 when a post office was opened under the direction of Postmaster W.R. Smith. Adrian is historically known as being a railroad town and became a trading center for citizens within Laurens, Johnson, Emanuel, and Treutlen counties.

The City of Garfield is located neared the eastern boarder of the county. It was incorporated in 1905. The City began as a railroad community. The City of Nunez is located in the middle-south portion of the county and was incorporated in 1903. The city was named after Samuel Nunez, a pioneer Jew in Georgia history.

The City of Oak Park is located in the southern portion of the county. In 1934, Oak Park received national attention when it elected a municipal government that consisted entirely of women. The City of Stillmore is located in middle-south of the county. According to tradition, the City's name stems from the offer by postal official to supply "still more" names if their list of suitable names for the post office was not satisfactory.

The City of Summertown is located in the northern part of the county and was incorporated in 1906. Summertown originated as the Summerville Community established as a summer refuge in the 1850's by

wealthy Burke Countains and other Coastal Georgians to escape the mosquito infested swamps and lowlands along the Ogeechee, and the infectious diseases which resulted. Its elevation and breezes provided summer relief from heat and mosquitos. As for Twin City, it was incorporated in 1921. The city was formed from the unification of the Cities of Summit and Graymont.

Economy

Emanuel County is a rural county in east central Georgia with a past and present intricately tied to transportation and agriculture. Nearly 67 percent of its land area is in timberlands. With the changes in agricultural technology over the last 50 years, only a small portion of the county's employment is still in agriculture or related activities. The county's early development can be traced to its access to Ogeechee and Ohoopee Rivers, its pine forests and abundant land for farming, and later development to railroads, U.S. 1 and U.S. 80, and Interstate 16. Emanuel County's future economic development may similarly be tied to these features. Its biggest assets include its agricultural and forestry land base and other natural resources, and its transportation corridors. The county has shown small, almost stagnant growth, at a rathe much slower than that of the state or the U.S. as a whole.

According to the Georgia Department of Labor, the top ten largest employers in Emanuel County are: Advanced Metal Component Inc, Crider Inc, East Georgia State College, Georgia Department of Corrections, Handi-House Manufacturing Co., Nordson Corporation, R&F Marketing, Rayonier Wood Products, United Parcel Service, and Walmart.

Miscellaneous

Colleges in the county include East Georgia State College and Southeastern Technical College. Notable Emanuel County residents include Pat Mitchell, the first woman to lead the Public Broadcasting Service. Among places of interest are the Emanuel Arts Council, which offers a gallery and a gift shop, and the George L. Smith State Park, which houses the renovated Parrish Mill, a combination gristmill, sawmill, covered bridge, and a dam dating back to the 1880s. Annual events in Emanuel County include the Pine Tree Festival, Garfield Washpot Cookout, Oak Park's Moonshine Festival, and Agricultural Appreciation Day.

Population

According to the 2018 U.S. Census Bureau American Community Survey 5 Year Estimates, the total population of Emanuel County is 22,499. In the City of Adrian, there are a total of 558 residents. The City of Garfield is the municipality in Emanuel County with the least number of residents. In Garfield, there are a total of 142 residents. The City of Nunez has a total of 169 residents and the City of Oak Park has a total of 717 residents. The City of Stillmore has 535 residents, and Summertown has a total of 180 residents. Swainsboro contains the largest number of people residing within a municipality of Emanuel County. The City of Swainsboro has a total population of 7,347. Additionally, Twin City has a total population of 1,860.

Of the total population in Emanuel County, 61.93% of residents are White, 34.21% are Black or African American, 0.05% are American Indian and Alaska Native, 0.28% are Asian, 1.47% of residents are some other race, and 2.04% of residents are two or more races. In the City of Adrian, of the total population, 70.43% of residents are White, 28.13% are Black or African American, and 1.43% of residents are two or more races. In the City of Garfield, 59.85% of the total population are White and 40.14% of residents are Black or African American. In the City of Nunez, 27.81% of the total population are White, 51.47% are Black or African American, 17.75% are some other race, and 2.95% are two or more races. In the City of Stillmore, 37.19% of residents are White, 54.39% are Black or African American, 0.75% are American

Indian and Alaska Native, 4.29% are some other race, and 3.36% are two or more races. In Summertown, 56.11% of residents are White and 43.89% are Black or African American. In Swainsboro, 35.42% of residents are White, 61.67% are Black or African American, 0.21% are some other race, and 2.68% of residents are two or more races. As for Twin City, 34.89% of residents are White, 58.76% are Black or African American, 0.21% are Asian, 0.37% are some other race, and 5.75% are two or more races.

In Emanuel County, 15.50% of residents are 65 years or older. In Adrian, 18.10% of residents are 65 years or older and 14% of residents in the City of Garfield also fall into that age cohort. In the City of Nunez, 27.30% of residents are 65 years or older. In Stillmore, 20.20% of residents are 65 years or older, and in Summertown 17.30% of the total population is 65 years or older. In the City of Swainsboro, 14.20% of residents are 65 years or older. Finally, in Twin City, 16.50% of residents are 65 years or older.

Chapter 2: Natural Hazard & Technological Hazard, Risk & Vulnerability (HRV)

Overview:

The Hazard, Risk and Vulnerability assessment of the Emanuel County Hazard Mitigation Plan Update provides the basis upon which the subsequent goals, objectives, and action plan are based. The plan update committee reviewed the hazards identified in the original plan as being capable of potentially affecting the county and municipalities. This involved reviewing FEMA worksheets #1 (Identify the Hazards), #2 (Profile Hazard Events) and #3 (Inventory of Assets). As well as introducing updated hazard data obtained from the National Climatic Data Center, that was then used to create a Hazard Frequency Table.

Additionally, to help assess the risk associated with each hazard a worksheet developed from the "FEMA Mitigation Plan Review Reference Manual" was used. The worksheet asked committee members to rate each hazard based upon several characteristics: Historical Occurrence, Probability, Vulnerability, Maximum Threat, Severity of Impact, and Speed of Onset. These ratings provided a detailed assessment and a prioritization of each hazard. The hazards identified in this chapter are listed in order of their perceived threat, with number one being the greatest. A copy of this worksheet can be found in Appendix D, III.

This combination of reviewing material from the original plan and updated hazard data allowed the committee to narrow the list to include only the hazards that were most likely to negatively impact the county. The committee concluded that nine of the hazards included in the original plan still pose a direct measurable threat to Emanuel County. Additionally, the committee decided to combine Dam Failure with Flooding, and Hurricane with Tropical Storm. One additional hazard was added to the list of threats, hazardous materials (technological hazard). Seven of the ten hazards pose threats to the entire county. Excessive heat, tornadoes, tropical storms/hurricanes, severe winter storms, thunderstorm/windstorms, hailstorms, and drought are all potential threats to the entire community. These hazards are non-spatially defined and have an equal probability of occurring anywhere in the county. Therefore, the locations of past occurrences will have no relation to the location of future events.

The other three identified hazards, flooding, wildfire, and hazardous material, on the other hand, are isolated to select areas of the county. There is probability of occurrence directly related to specific locations within the county's flood plains, forests, and emergency planning zones. Each of these potential

hazards is addressed individually with relevant supporting data. Table 2.1 provides a brief description of each section in this chapter and a summary of the changes that have been made.

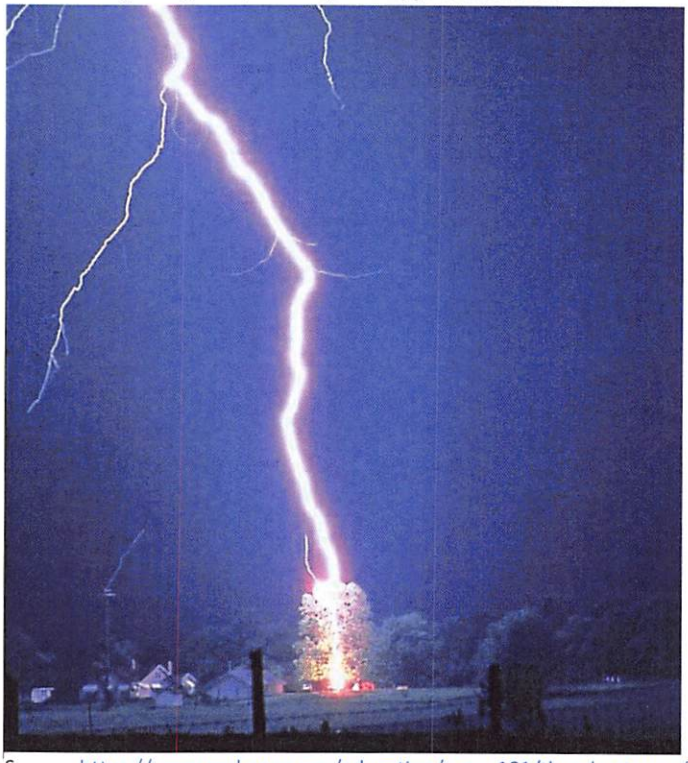
Table 2.1: Summary of Changes

Chapter 2 Section		Updates to Section
I.	**Thunderstorm/Windstorm**	• Updated data research;
II.	**Hurricane/Tropical Storm**	• Updated data research;
III.	**Tornado**	• Updated data research;
IV.	**Severe Winter Storm**	• Updated data research;
V.	**Wildfire**	• Updated data research;
VI.	**Excessive Heat**	• Updated data research;
VII.	**Drought**	• Updated data research;
VIII.	**Flooding/Dam Failure**	• Updated data research;
IX.	**Hazardous Materials**	• Included new section and data research;
X.	**Hailstorm**	• Updated data research

Section I. Natural Hazard Event-Thunderstorm/Windstorm

Part A. Hazard Identification

Lightning is responsible for many fires around the world



Source: https://www.nssl.noaa.gov/education/svrwx101/thunderstorms/faq/

For the purpose of analysis, the two hazards of thunderstorms and windstorms have been consolidated. A thunderstorm is formed as a result of a combination of warm air rising, moisture, and a force capable from a combination of moisture, rapidly rising warm air, and a force capable of lifting air such as a warm and cold front, a sea breeze, or a mountain. All thunderstorms contain lightning. Thunderstorms may occur alone, in clusters or in lines. Thus, it is possible for several thunderstorms to affect one location over a few hours. Some of the most severe weather occurs when a single thunderstorm affects one location for an extended time. Thunderstorm winds are generally short in duration involving straight-line winds and/or gusts more than 50 mph. Thunderstorm winds tend to affect areas of the county with significant tree stands, as well as areas with exposed property and infrastructure, and above ground utilities. Thunderstorm winds can cause power outages, transportation and economic disruptions, significant property damage and pose a high risk for injuries and loss of life. In addition, thunderstorms produce lightning, which is a greater threat to people than tornadoes. Lightning is defined as a sudden and violent discharge of electricity from within a thunderstorm due to difference in electrical charges and represents a flow of electrical current from cloud to cloud or cloud to ground. Nationally, lighting causes extensive damage to buildings and structures. It also can kill or injure people and livestock, start many forest fires and wildfires, and disrupts electromagnetic transmissions.

Thunderstorms are defined by NOAA as rain showers during which thunder is heard. The following are some of the most common thunderstorms types:

- **Single-cell thunderstorms**, often called "popcorn" convection, are small, brief, weak storms that grow and die within an hour or so. They are typically driven by heating on a summer afternoon. Single-cell storms may produce brief heavy rain and lightning.
- A **multi-cell storm** is a common type of thunderstorm in which new updrafts form along the leading edge of rain-cooled air (the gust front). Individual cells usually last 30 to 60 minutes, while the system as a whole may last for many hours. Multicell storms may produce hail, strong winds, brief tornadoes, and/or flooding.

- A **squall line** is a group of storms arranged in a line, often accompanied by "squalls" of high wind and heavy rain. Squall lines tend to pass quickly and are less prone to produce tornadoes than are supercells. They can be hundreds of miles long but are typically only 10 or 20 miles wide.
- A **supercell** is a long-lived (greater than 1 hour) and highly organized storm feeding off an updraft (a rising current of air) that is tilted and rotating. This rotating updraft - as large as 10 miles in diameter and up to 50,000 feet tall - can be present as much as 20 to 60 minutes before a tornado forms. Scientists call this rotation a mesocyclone when it is detected by Doppler radar. The tornado is a very small extension of this larger rotation. Most large and violent tornadoes come from supercells.
  (Source: http://www.nssl.noaa.gov/education/svrwx101/thunderstorms/types/)

Part B. Hazard Profile

Location

NOAA (The National Oceanic and Atmospheric Administration) reports that thunderstorms are most likely to occur in the spring and summer months and during the afternoon and evening hours, but they can occur year-round and at all hours. Across the southeastern states, most thunderstorms occur during the afternoon. Since thunderstorms/windstorms are non-spatial entities, they have the potential to occur anywhere within Emanuel County. Therefore, all parts of the county could be potentially subject to this hazard and there is no specific area that would necessarily be more likely to have one.

Extent

NOAA (The National Oceanic and Atmospheric Administration) defines a "severe thunderstorm" as one that produces a tornado, has winds of at least 58 mph (50 knots), and/or hail at least 1 inch in diameter. Thunderstorm winds as recorded in the NCDC database range from 0 to 60 knots.

In 1805, Sir Francis Beaufort of the U.K. Royal Navy, developed the Beaufort Wind Scale. The scale categorizes wind according to its strength and severity. This is most often used as the measurement of extent for a thunderstorm/windstorm. The Beaufort Wind Scale designates categories based on wind speed and appearance. Reported thunderstorms/windstorms in Emanuel County have had wind speeds ranging from 35 to 75 knots. Table 2.2 shows the Beaufort Wind Scale.

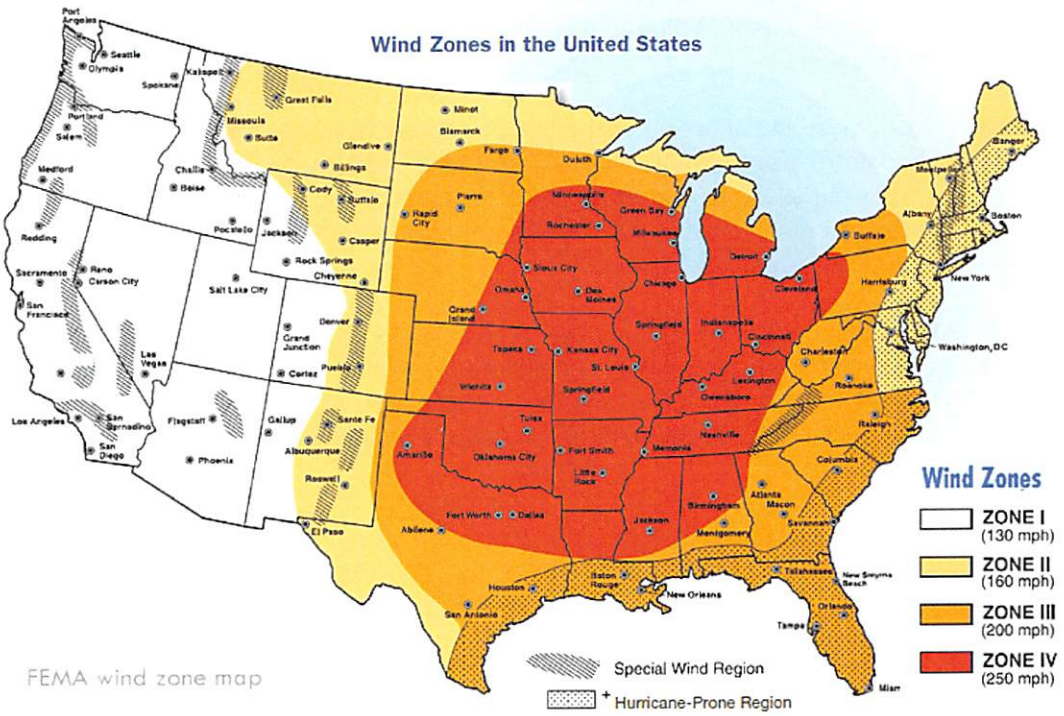
Table 2.2: Beaufort Wind Scale

Force	Wind (Knots)	Wind (Mph)	World Meteorological Organization (WMO) Classification	Appearance of Wind Effects	
				On the Water	On Land
0	Less than 1	Less than 1	Calm	Sea surface smooth and mirror-like	Calm, smoke rises vertically
1	1-3	1-3	Light Air	Scaly ripples, no foam crests	Smoke drift indicates wind direction, still wind vanes
2	4-6	4-7	Light Breeze	Small wavelets, crests glassy, no breaking	Wind felt on face, leaves rustle, vanes begin to move
3	7-10	8-12	Gentle Breeze	Large wavelets, crests begin to break, scattered whitecaps	Leaves and small twigs constantly moving, light flags extended
4	11-16	13-18	Moderate Breeze	Small waves 1-4 ft. becoming longer, numerous whitecaps	Dust, leaves, and loose paper lifted, small tree branches move
5	17-21	19-24	Fresh Breeze	Moderate waves 4-8 ft taking longer form, many whitecaps, some spray	Small trees in leaf begin to sway
6	22-27	25-31	Strong Breeze	Larger waves 8-13 ft, whitecaps common, more spray	Larger tree branches moving, whistling in wires
7	28-33	32-38	Near Gale	Sea heaps up, waves 13-19 ft, white foam streaks off breakers	Whole trees moving, resistance felt walking against wind
8	34-40	39-46	Gale	Moderately high (18-25 ft) waves of greater length, edges of crests begin to break into spindrift, foam blown in streaks	Twigs breaking off trees, generally impedes progress
9	41-47	47-54	Strong Gale	High waves (23-32 ft), sea begins to roll, dense streaks of foam, spray may reduce visibility	Slight structural damage occurs, slate blows off roofs
10	48-55	55-63	Storm	Very high waves (29-41 ft) with overhanging crests, sea white with densely blown foam, heavy rolling, lowered visibility	Seldom experienced on land, trees broken or uprooted, "considerable structural damage"
11	56-63	64-72	Violent Storm	Exceptionally high (37-52 ft) waves, foam patches cover sea, visibility more reduced	Very rarely experienced; accompanied by widespread damage.
12	64+	73+	Hurricane	Air filled with foam, waves over 45 ft, sea completely white with driving spray, visibility greatly reduced	Devastation.

Source: https://www.weather.gov/mfl/beaufort

FEMA 85, NFPA 225 Model Manufactured Home Installation Standard, and *NFPA 501 Standard on Manufactured Housing* categorize the United States into four wind zones: Zone I, Zone II, Zone III, and the highest wind zone, Zone IV. Emanuel County is located in Wind Zone III.

Figure 2.1: Wind Zone Map

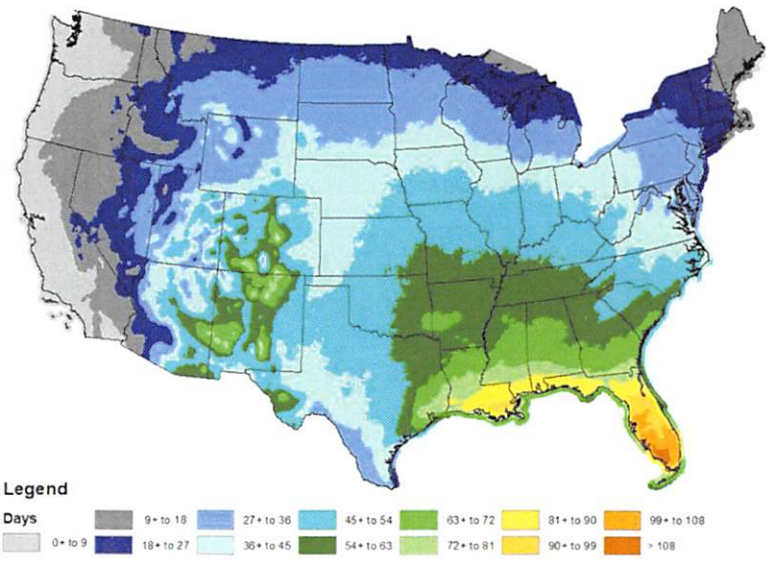


Source: https://www.fema.gov/media-library-data/20130726-1501-20490-5921/fema_p85_apndx_g.pdf

History

Figure 2.2 shows the average number of thunderstorm days each year throughout the United States. Emanuel County experiences an average of 63 to 71 thunderstorm events annually. It is in this part of the country that warm moist air from the Gulf of Mexico and the Atlantic Ocean is most readily available to fuel thunderstorm development.

Figure 2.2: Annual Mean Thunderstorm Days (1993-2018)



Source: https://www.weather.gov/jetstream/tstorms_intro

Between 1950 and 2020, there has been a total of 96 recorded thunderstorm/windstorm events in Emanuel County. This number likely does not include all thunderstorms/windstorms during this time period, due to the great degree of difficulty in reporting every event that occurs. However, it does portray the high probability of occurrence that this hazard presents. The severity of the storms can obviously vary with many causing little or no damage, which helps explain why many go unreported or underreported. None the less, these events have a total property and crop damage amount of $600,750. There have been no recorded injuries during this period. Still, thunderstorms/windstorms pose a serious threat to the citizens and property of Emanuel County.

Within the past five years, since the adoption of the last plan, there have been a total of 16 recorded NCDC thunderstorm/windstorm events. In total, these storms have produced $86,000 worth of property damage. Windspeeds from these storms ranged from 45-55 knots. The most recent occurrence of a thunderstorm event occurred on August 10th, 2020, which produced $1,000 worth of property damage. The recorded wind speed of this event was 45 knots.

On December 31st, 2015, a thunderstorm event occurred. The Emanuel County Fire Department reported a large pine tree, and several smaller trees were blown down. Additionally, a metal doghouse was flattened, and a trailer had its skirting ripped from under the trailer. In the City of Summertown, a restaurant had part of its roof lifted off the building. This storm caused a reported $20,000 worth of property damage.

Another recent event occurred on January 21st, 2017. The Emanuel County Emergency Manager reported numerous trees and power lines blown down between downtown Swainsboro and Industrial Way. A large tree fell on power lines near a substation knocking out power to a large portion of Swainsboro. This storm caused a reported $15,000 worth of property damage.

Probability

Since 1950, 96 occurrences of thunderstorm/windstorms have been recorded in Emanuel County. The current chance per year that a thunderstorm/windstorm will occur is 137.14%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years are 3.1 and 3, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 1.9, with a historical recurrence interval of 0.73 years. The probability is "Highly Likely" that Emanuel County will continue to experience severe thunderstorm/windstorms multiple times a year.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The total percentage of the number of structures that are exposed to the non-spatial threat of thunderstorms/windstorms in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the

county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures, 745 government facilities and 3 utility structures. All of these structures are equally exposed to a thunderstorm/windstorm.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on the critical facility map, which is located in Appendix A, I. All of the county's 161 identified critical facilities on the GMIS Wind Hazard Report received a hazard score of 2. Additionally, all the critical facilities are at risk to the threat of a thunderstorm.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is $70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by a thunderstorm/windstorm.

Part D. Land Use and Development Trends

There are no specific trends concerning thunderstorms/windstorms in the comprehensive plan. In the future, any number of structures (commercial, industrial, public/institutional, residential), critical facilities, and infrastructure will be vulnerable to thunderstorms/windstorms because they are a non-spatial hazard.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous plan. With this increase of value and number of structures, there is potential for greater loss due to impacts from thunderstorms/windstorms.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value

of $33,021,000 products. A thunderstorm/windstorm event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

Part E. Multi-Jurisdictional Concerns

In the incorporated and unincorporated areas of Emanuel County, the threat of natural non-spatial occurrences including thunderstorms/windstorms is equally applicable. All areas of the county are susceptible to non-spatial threats. The county is in Wind Zone III as noted on the Wind Map.

The Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City contain a larger amount of development compared to development in the unincorporated portions of the county. Therefore, if a thunderstorm/windstorm were to occur, these areas may face larger amounts of damage because the majority of buildings and structures in the county are located in these cities.

While all areas of Emanuel are prone and vulnerable to thunderstorm/windstorms, the City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. The Emanuel Medical Center is located in Swainsboro, and if the hospital were to lose power or have damage done to its generator, there would be serious implications for hospital visitors and residents. The City of Swainsboro also contains several nursing and assisted living facilities. If these facilities were to lose power, the health of residents may be impacted as well. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. In addition, if a thunderstorm/windstorm were to occur in Twin City, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. In addition, if a thunderstorm/windstorm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. In addition, if a thunderstorm/windstorm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. Stillmore contains a total of 13 critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. In addition, if a thunderstorm/windstorm were to occur in Stillmore, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. Summertown contains only one critical facility. If this facility were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a thunderstorm/windstorm, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a thunderstorm/windstorm in Garfield.

While structural damage caused by a thunderstorm/windstorm may be minimal in the unincorporated areas of the county where there is less development, the occurrence of a thunderstorm/windstorm may cause trees to fall on power lines and block roadways which could negatively impact residents as well. In

addition, there are a number of critical facilities located in the unincorporated areas of Emanuel County. In total, there are nine critical facilities located outside of city limits within Emanuel County. Therefore, if a thunderstorm/windstorm were to occur in the unincorporated areas of the county, there is potential for the loss of essential buildings and infrastructure.

Part F. Hazard Summary

Overall, thunderstorm/windstorm events do pose a great threat to Emanuel County, specifically in terms of property damage. Though severe storms do not occur frequently, each one can inflict a great amount of damage and can do so anywhere in the county. Since the adoption of the 2015 version of the Hazard Mitigation Plan, very little has changed regarding the vulnerability of the county to thunderstorms/windstorms. They have continued to destroy large amounts of property and natural resources throughout the county and its municipalities. However, through a concerted effort between the local municipalities and the Pre-Disaster Mitigation Planning Committee, measures will be taken to help reduce the impact of a thunderstorms/windstorms upon the residents and property of Emanuel County.

Section II. Natural Hazard Event-Hurricane/Tropical Storm

Part A. Hazard Identification

By definition, a tropical storm is a tropical cyclone in which the maximum one-minute sustained surface wind ranges from 39 to 73 mph (34 to 63 kts) inclusive. Tropical storms and hurricanes are powerful systems with the ability to travel far from the initial strike zone. Once inland, they can continue to bring powerful winds and heavy rains. Emanuel County is located in Wind Zone III, which is the 200-mph wind zone (see map found in Appendix A, II).

A hurricane is a category of tropical storm of wind speeds of 74 or more miles per hour. Hurricanes develop over warm waters and are caused by the atmospheric instability created by the collision of warm air with cooler air originating in the tropical regions of the Atlantic Ocean or Caribbean Sea. They then travel north, northwest, or northeast from its point of origin, and they usually involve heavy rains. Hurricanes are characterized by a large spiral of wind around a calmer center called the eye of the storm, which has the potential to be 20-30 miles wide. When a hurricane hits land, it may cause devastating rains, winds, and flooding. The hurricane season for the Atlantic coast lasts from June to November but could occur outside of that time period. Though each may not be considered significant, on average, five hurricanes strike the United States every year. Because hurricanes are large moving storm systems, they can affect entire states or entire coastlines.

Part B. Hazard Profile

Location

Since tropical storms and hurricanes are non-spatial entities, they have the potential to occur anywhere within Emanuel County. The events of a tropical storm or a hurricane would be considered a county-wide weather hazard event. Therefore, all parts of the county could be potentially subject to tropical storms and hurricanes. There is no specific area that would be more susceptible to a tropical storm or hurricane.

Extent

There is no measurement of extent specific to a tropical storm. The extent of a hurricane can range from very mild damage to extreme devastation. The National Weather Service measures the extent of a hurricane using the Saffir-Simpson Hurricane Wind Scale (see below). The Saffir-Simpson Hurricane Wind Scale is a 1 to 5 rating based on a hurricane's sustained wind speed. This scale also estimates potential property damage. A tropical storm falls within its own category and is directly below a Category 1 Hurricane in terms of sustained winds and damage capability. Hurricanes reaching Category 3 and higher are considered major hurricanes because of their potential for significant loss of life and damage. However, Category 1 and 2 storms still have the potential to cause a large amount of damage to property and infrastructure. Below, Table 2.3 shows the Saffir-Simpson Hurricane Wind Scale.

Table 2.3: Saffir-Simpson Hurricane Windscale

Category	Sustained Winds	Types of Damage Due to Hurricane Winds
Tropical Storm	39–73 mph, 63–118 km/h	Wind Damage - high winds, flying debris, etc. Water Damage - heavy rain, storm surges, large waves and swells, mud slides
1	74-95 mph 64-82 kt 119-153 km/h	Very dangerous winds will produce some damage: Well-constructed frame homes could have damage to roof, shingles, vinyl siding and gutters. Large branches of trees will snap and shallowly rooted trees may be toppled. Extensive damage to power lines and poles likely will result in power outages that could last a few to several days.
2	96-110 mph 83-95 kt 154-177 km/h	Extremely dangerous winds will cause extensive damage: Well-constructed frame homes could sustain major roof and siding damage. Many shallowly rooted trees will be snapped or uprooted and block numerous roads. Near-total power loss is expected with outages that could last from several days to weeks.
3 (major)	111-129 mph 96-112 kt 178-208 km/h	Devastating damage will occur: Well-built framed homes may incur major damage or removal of roof decking and gable ends. Many trees will be snapped or uprooted, blocking numerous roads. Electricity and water will be unavailable for several days to weeks after the storm passes.
4 (major)	130-156 mph 113-136 kt 209-251 km/h	Catastrophic damage will occur: Well-built framed homes can sustain severe damage with loss of most of the roof structure and/or some exterior walls. Most trees will be snapped or uprooted, and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last weeks to possibly months. Most of the area will be uninhabitable for weeks or months.
5 (major)	157 mph or higher 137 kt or higher 252 km/h or higher	Catastrophic damage will occur: A high percentage of framed homes will be destroyed, with total roof failure and wall collapse. Fallen trees and power poles will isolate residential areas. Power outages will last for weeks to possibly months. Most of the area will be uninhabitable for weeks or months.

Source: https://www.weather.gov/mfl/saffirsimpson

History

NCDC data reports that from 1950-2020 there have been 14 tropical storms and 2 hurricanes (see Appendix A, II). There have been no reported deaths or injuries related to the storms. It should be noted that the number of tropical storms and hurricanes in Emanuel County may actually be greater than the reported amount due to lack of recording.

Since the last plan update in 2015, there have been four new occurrences of tropical storms. On September 2nd, 2016, a tropical storm occurred in Emanuel County. The tropical Storm, Hermine, brought damaging forces of winds and heavy rain to the area. It was reported that power lines were blown down along Highway 56, southwest of Swainsboro blocking both lanes of traffic. It was also reported that the roof of the Swainsboro Middle School had blown off. A wind gust of 37 mph was recorded around 8:55am at the Emanuel County Airport, and 3.65 inches of rain was recorded at a site near Nunez. A total of $30,000 worth of property damage was reported from this tropical storm.

Another occurrence of a tropical storm was reported shortly after on October 7th, 2016. The Emanuel County Manager reported 25-30 trees and 10-15 power lines were blown down across the eastern half of Emanuel County late in the evening of October 7th, and during the early morning hours of October 8th. A peak wind gust of 37 mph was recorded at 12:15am at the Emanuel County Airport near Swainsboro. Radar rainfall estimates ranged from around 1 inch in the western portion of the county to around 5 inches in the east. In the far eastern portion of the county, 4.69 inches of rain was recorded north of Garfield. No flooding was reported during this storm. However, there was a total of $60,000 worth of property damage recorded during this event.

On September 11th, 2017, another tropical storm occurred in Emanuel County. Tropical Storm Irma crossed southwest Georgia through the day and produced strong winds and damage across central and north Georgia. The Emanuel County Emergency Manager reported hundreds of trees and power lines blown down across the county. A wind gust of 39 mph was measured near Swainsboro. Radar estimates between 2.5 and 5 inches of rain fell across the county. Near Garfield, it was measured that 4.88 inches of rain fell. Tropical Storm Irma produced $300,000 worth of property damage within Emanuel County.

The most recent occurrence of a tropical storm occurred on October 10th, 2018. A National Weather Service survey consisting of an analysis of measured wind data, along with reports from Emergency Managers and various other local, state, and federal officials, found that tropical storm conditions occurred in the county. There were numerous reports of trees and power lines blown down and some damage to structures. Wind speeds were estimated between 50 and 55 mph. It was reported that this storm produced $75,745 worth of damage.

As mentioned above, according to NCDC data, over the past 70 years, (1950-2020), there have been two occurrences of hurricanes within Emanuel County. The most recent hurricane to affect Emanuel County occurred on August 29, 2005. During mid-afternoon on August 29th, Hurricane Katrina produced spiral bands of showers and thunderstorms that made their way into Georgia. According to NCDC data, there were zero dollars in property damage reported from this storm in Emanuel County. Since the adoption of the prior plan, there have been no newly recorded hurricane events in Emanuel County.

While there have only been two recorded hurricane events in Emanuel County, there have been indirect threats to the county resulting from hurricanes. This has included receiving large amounts of rain and wind coming from hurricanes along the coasts. Also, Emanuel County is on a route for evacuees from coastal Georgia and Florida to come to in the event of a Hurricane. U.S. Interstate 16, located in the south portion of Emanuel County running east to west through the City of Oak Park city limits, U.S. Highway 80, running east to west, and U.S. Highway 1, running north to south, are utilized as major evacuation routes for the Atlantic Coast of Georgia. For Hurricane Floyd in 1999, U.S. 1 and I-16 were considered a major

corridor for evacuees attempting to escape the hurricane's path. Evacuees were traveling from as far as Daytona Beach Florida to locations above Macon and Dublin Georgia. This large amount of evacuees, many seeking shelter in the counties along I-16 and above, placed a great deal of strain upon communities that were not prepared to accommodate them. In order to be better prepared for a similar situation in the future, the county has included goals and objectives that they feel will help address these issues.

Probability

As stated above, the NCDC reports that from 1950-2020, there have been 14 tropical storms reported in Emanuel County. However, it should be noted that because reporting is relatively recent, it is possible that there have been other tropical storms in the past 70 years. The current frequency chance per year that a tropical storm can occur is 20%, as noted in the Hazard Frequency Table (Appendix D, II). The annual frequency for the last ten and twenty years based on these reported occurrences are 0.5 and 0.7, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last fifty years is 0.28, with a historical recurrence interval of 5.00 years. Based on these figures the decision was made to classify the likelihood as "Highly Likely" that an occurrence will occur in the near future.

Based upon the frequency of historical occurrences obtained from the NCDC, there have been two hurricanes since 1950. The current frequency chance per year that a hurricane can occur is 2.86%, as noted in the Hazard Frequency Table (Appendix D, II). The annual frequency for the last ten and twenty years based on these reported occurrences are 0 and 0.1, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last fifty years is 0.04, with a historical recurrence interval of 35 years. Based on these figures the decision was made to classify the likelihood as "Unlikely" that an occurrence will occur in the near future.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory of Assets and Potential Losses

The total percentage of the number of structures that are exposed to the non-spatial threat of tropical storms/hurricanes in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures, 745 government facilities and 3 utility structures. All of these structures are equally exposed to a tropical storm/hurricane.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on the critical facility map, which is located in Appendix A,

II. All of the county's 161 identified critical facilities on the GMIS Wind Hazard Report received a hazard score of 2. Additionally, all the critical facilities are at risk to the threat of a tropical storm/hurricane.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is $70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. This time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by a tropical storm/hurricane.

Part D. Land Use and Development Trends

The county currently has no land use or development trends specifically related to tropical storms or hurricanes. The largest concerns during a tropical storm/hurricane event for Emanuel County would result from the large amount of rainfall that could cause flooding in the incorporated and unincorporated parts of the county. Increased enforcement of building codes related to flooding and the continued membership of the National Flood Insurance Program by Emanuel County will help to lessen this impact.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous plan. With this increase of value and number of structures, there is potential for greater loss due to impacts from tropical storms/hurricanes.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. A tropical storm/hurricane event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

It is also important to note any changes in certain population groups to fully understand who is vulnerable to certain hazards. Elderly residents tend to be a more vulnerable group. In 2015, 13.10% of residents in Emanuel County were aged 65 years and older. In 2018, that number increased to 15.50% of the population. Between the years of 2014 and 2018, the number of residents aged 65 years and over in Adrian increased from 11.20% to 18.10% of the total population. In the City of Garfield, the elderly population increased from 6.2% to 14%. In the City of Nunez, the elderly population increased from

20.10% to 27.30% of the total population. In Oak Park, the number of elderly residents increased from 8% to 10%. In Stillmore, that number increased from 13.30% to 20.20% of the population. In Summertown, the number of elderly residents also increased from 8.40% to 17.30%. In Swainsboro, that number increased from 11.60% to 14.20%. Additionally, in Twin City, the number of residents aged 65 years or older also increased from 13.90% to 16.50%.

Part E. Multi-Jurisdictional Concerns

Due to the non-spatial nature of a tropical storm/hurricane, any part of Emanuel County could potentially be affected by its occurrence. All areas of the county are susceptible to non-spatial threats. In the incorporated and unincorporated areas of Emanuel County (including Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City), the threat of natural non-spatial occurrences including tropical storms/hurricanes is equally applicable. Therefore, any mitigation steps taken related to tropical storms/ hurricanes should be applied to the entire county and each municipality.

The Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City contain a larger amount of development compared to development in the unincorporated portions of the county. Therefore, if a hurricane/tropical storm were to occur, these areas may face larger amounts of damage because the majority of buildings and structures in the county are located in these cities.

While all areas of Emanuel are prone and vulnerable to hurricanes/tropical storms, the City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. The Emanuel Medical Center is located in Swainsboro, and if the hospital were to lose power or have damage done to its generator, there would be serious implications for hospital visitors and residents. The City of Swainsboro also contains several nursing and assisted living facilities. If these facilities were to lose power, the health of residents may be impacted as well. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hurricane/tropical storm in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a hurricane/tropical storm, there could be severe consequences for both the City and the County. In addition, if a hurricane/tropical storm were to occur in Twin City, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hurricane/tropical storm in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a hurricane/tropical storm, there could be severe consequences for both the City and the County. In addition, if a hurricane/tropical storm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years

or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hurricane/tropical storm in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a hurricane/tropical storm, there could be severe consequences for both the City and the County. In addition, if hurricane/tropical storm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hurricane/tropical storm in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. Stillmore contains a total of 13 critical facilities. If any of these facilities were to be damaged by a tropical storm/hurricane, there could be severe consequences for both the City and the County. In addition, if a tropical storm/hurricane were to occur in Stillmore, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tropical storm/hurricane in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. Summertown contains only one critical facility. If this facility were to be damaged by a tropical storm/hurricane, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tropical storm/hurricane in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a tropical storm/hurricane, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tropical storm/hurricane in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a tropical storm/hurricane, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents

and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tropical storm/hurricane windstorm in Garfield.

While structural damage caused by a tropical storm/hurricane may be minimal in the unincorporated areas of the county where there is less development, the occurrence of a tropical storm/hurricane may cause trees to fall on power lines and block roadways which could negatively impact residents as well. In addition, there are a number of critical facilities located in the unincorporated areas of Emanuel County. In total, there are nine critical facilities located outside of city limits within Emanuel County. Therefore, if a tropical storm/hurricane were to occur in the unincorporated areas of the county, there is potential for the loss of essential buildings and infrastructure.

Part F. Hazard Summary

The potential damage caused by one event in the future could significantly impact the entire county. The possible wind damage and flooding from such a storm poses a threat to the county's residents and their property. Therefore, the update committee found it essential to include this hazard and develop mitigation actions to help lessen the impact.

Section III. Natural Hazard Event-Tornado

Part A. Hazard Identification

A tornado is a violently rotating column of air extending from a thunderstorm to the ground. The most violent tornadoes are capable of tremendous destruction with wind speeds of 250 mph or more. Damage paths can be more than one mile wide and 50 miles long. Because wind is invisible, it is hard to see a tornado unless it forms a condensation funnel made up of water droplets, dust, and debris. Tornadoes are the most violent of all atmospheric storms.

Tornadoes may occur at any time of year, although the peak "tornado season" for the Southern Plains is during May into early June. Tornadoes can occur due to inclement weather conditions, as a result of a passing front, or as part of thunderstorm or hurricane/tropical storm events.

About 1,200 tornadoes hit the U.S. yearly. A tornado watch is issued when weather conditions are favorable for tornadoes. During a tornado watch, residents are advised to watch and prepare for severe weather and stay tuned to NOAA Weather Radio to know when warnings are issued. A tornado warning is issued when a tornado has been reported by spotters or indicated by radar and there is a serious threat to life and property to those in the path of the tornado. When a tornado warning is issued, residents must act immediately to find safe shelter. A warning can cover parts of counties or several counties in the path of danger.

Part B. Hazard Profile

Location

Since tornados are non-spatial entities, they have the potential to occur anywhere within Emanuel County. Therefore, all parts of the county could be subject to a tornado and there is no specific area that would necessarily be more likely to have one.

Tornadoes can occur at any time of the day or night, but according to NOAA, most tornadoes occur between 4:00pm and 9:00 p.m. The path and severity of a tornado cannot be determined in advance. The best defense is to heed tornado warnings and seek appropriate shelter when a tornado has been sighted in the area or when conditions conducive to a tornado are present. Historic data has been examined from various sources, including the National Climatic Data Center, as well as from local history and personal accounts, to determine the frequency of events. For further information, see the HAZUS Report in Appendix C.
(Source: http://www.nssl.noaa.gov/education/svrwx101/tornadoes/)

Extent

The potential damage to structures resulting from tornadoes can range from minor damage to incredible damage. They also can cause a great deal of damage to agriculture and natural resources.

T. Theodore Fujita pioneered the concept of organized, detailed tornado damage surveys, with field examination and refining techniques until his death in 1998. These methods of assessing tornado ratings developed into an assessment scale called the Fujita Tornado Damage Scale (also referred to as the FPP or F Scale) that in addition to incorporating Fujita's techniques, incorporated Allen Pearson's path width and length ratings on a 0-5 scale.

The F scale was officially adopted by the National Weather Service in the late 1970s. The F Scale was later replaced by the adoption of the Enhanced Fujita Scale (EF Scale) in 2007 by all practicing wind damage surveyors in the United States in effort to improve the accuracy and precision of damage surveys by providing more guidance than was available through the original Fujita or F Scale.

"The F scale assigned levels of destruction to "well built" homes and empirically related those levels to subdivisions of the Beaufort and Mach scales for wind speed estimation. It was officially adopted by the NWS in the late 1970s. In some later cases, Fujita also applied ratings up to F5 based on nonstructural factors: for example, to corn stubble in the Plainfield, Illinois, tornado of 28 August 1990 (Fujita 1993) and the geometry of cycloidal field marks from the Goessel, Kansas, tornado of 13 March 1990 (Fujita 1992). F Scale descriptions of the effects of winds at increasing F levels also included movement of automobiles, an effect not yet addressed by the EF scale." Table 2.4 shows the Fujita Tornado Damage Scale, which is no longer used in the U.S.
(Source: Edwards, LaDue, Ferree, Scharfenberg, Maier, and Coulbourne, 2013: 642)

Table 2.4: Fujita Tornado Damage Scale (No longer used in the U.S.)

SCALE	WIND ESTIMATE *** (MPH)	TYPICAL DAMAGE
F0	< 73	Light damage. Some damage to chimneys; branches broken off trees; shallow-rooted trees pushed over; sign boards damaged.
F1	73-112	Moderate damage. Peels surface off roofs; mobile homes pushed off foundations or overturned; moving autos blown off roads.
F2	113-157	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars overturned; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
F3	158-206	Severe damage. Roofs and some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown.
F4	207-260	Devastating damage. Well-constructed houses leveled; structures with weak foundations blown away some distance; cars thrown and large missiles generated.
F5	261-318	Incredible damage. Strong frame houses leveled off foundations and swept away; automobile-sized missiles fly through the air in excess of 100 meters (109 yds); trees debarked; incredible phenomena will occur.

Source: NOAA: https://www.spc.noaa.gov/faq/tornado/f-scale.html

The Enhanced Fujita Scale, implemented by the National Weather Service in 2007, is used to assign a tornado a rating based on estimated wind speeds and related damage. The wind speeds associated with the EF ratings are shown in the table below. Because of the difficulty of measuring wind speeds inside a tornado, wind speeds are estimated based on the type of damage that occurs. Table 2.5 shows the Enhanced Fujita Scale.

Table 2.5: Enhanced Fujita Scale

CATEGORY	WIND SPEED (MPH)	POTENTIAL DAMAGE
EF0	65-68	Light damage. Peels surface off roofs; some damage to chimneys; branches broken off trees; shallow rooted trees pushed over; mobile homes pushed off foundations or overturned; sign boards damaged.
EF1	86-110	Moderate damage. Roofs torn off frame houses; windows and glass doors broken; moving autos blown off roads; mobile homes demolished; boxcars overturned.
EF2	111-135	Considerable damage. Roofs torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown; structures with weak foundations blown away some distance.
EF3	136-165	Sever damage. Some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown; structures with weak foundations blow away some distance.
EF4	166-200	Devastating damage. Well-constructed houses and whole frame houses completely leveled; structures with weak foundations blown away some distance; trees debarked; cars thrown, and small missiles generated.
EF5	>200	Incredible damage. Strong frame houses leveled off foundations and swept away; with strongest winds, brick housed completely wiped off foundations; automobile-sized missiles fly through the air in excess of 100m; cars thrown and large missiles generated; incredible phenomena will occur.

Source: http://www.spc.noaa.gov/faq/tornado/ef-scale.html.

History

According to NCDC data, since 1950 there have been a total of 11 tornados in Emanuel County (see Appendix A, III). The county is located in Wind Zone III, as noted on the Wind Map in Appendix A, III. It should be noted that on the Tornado Track Map (which is also located in Appendix A), only seven of the eleven tornadoes' tracks were able to be placed on the map.

Tornadoes that occurred prior to 2007 are classified off the F Scale, and anything after 2007 is classified by the EF Scale. In Emanuel County there have been two F2 tornadoes, three F1 tornadoes, one F0 tornado, two EF2 tornadoes, two EF1 tornadoes, and one EF0 tornado. Since the adoption of the 2015 plan, there has been one newly recorded occurrences of a tornado.

The amounts of damage that has occurred from these 11 tornados has ranged from $2,500 to $250,000. It should also be noted that there are zero recorded events resulting in damage to crops. However, unfortunately there have been two recorded injuries and one recorded fatality associated with these eleven tornados.

The longest tornado occurred on September 28th, 1963 and resulted in $750,000 worth of property damage. This tornado tracked 27.9 miles and was 100 yards wide. The widest tornado reported in Emanuel County occurred on May 11th, 2008 and was an EF2 tornado. This tornado traveled for 2.71 miles and was 800 yards wide. Maximum winds within the tornado were estimated to be 130mph. Approximately 28 homes in Emanuel County sustained damage from the tornado, two of which were destroyed. This tornado resulted in $750,000 worth of property damage.

The most recent tornado in Emanuel County occurred on January 21st,2017. A National Weather Service survey team found that an EF0 tornado with maximum wind speeds of 80 mph and a maximum path width of 200 yards began along Noonday Church Road in eastern Emanuel County where minor roof damage occurred. The tornado travelled northeast for nearly 5 miles downing numerous trees and destroyed a small outbuilding in the Canoochee Community. A large metal barn and silo had part of the siding removed along Mt Olivet Church before the tornado ended near Pike Johnson road. This tornado caused a total of $50,000 worth of reported property damage.

Probability

As previously stated, since 1950 there have been 11 recorded occurrences of tornados. The current chance per year that a tornado will occur is 15.71%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years is 0.1 and 0.3, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.18, with a historical recurrence interval of 6.36 years. Therefore, it is "Highly Likely" that there will be an occurrence in the next ten years.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The total percentage of the number of structures that are exposed to the non-spatial threat of a tornado in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures, 745 government facilities and 3 utility structures. All of these structures are equally exposed to a tornado.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on the critical facility map, which is located in Appendix A, III. All of the county's 161 identified critical facilities on the GMIS Wind Hazard Report received a hazard score of 2. Additionally, all the critical facilities are at risk to the threat of a tornado.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is $70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by a tornado.

Part D. Land Use and Development Trends

A review of comprehensive plan illustrates that the county currently has no land use or development trends specifically related to tornados. In Emanuel County, future land use maps cannot address the threat of natural non-spatial occurrences such as tornadoes. Therefore, there is no way to tell whether new development is in a hazard prone area since all areas are equally vulnerable. In the future, any number of structures (commercial, industrial, public/institutional, residential), critical facilities, and infrastructure, in any part of the county, could potentially be damaged by a tornado.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous please. With this increase of value and number of structures, there is potential for greater loss due to impacts from a tornado.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. A tornado event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

Part E. Multi-Jurisdictional Concerns

In the incorporated and unincorporated areas of Emanuel County, the threat of natural non-spatial occurrences including tornadoes is equally applicable. All areas of the county are susceptible to non-spatial threats.

The Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City contain a larger amount of development compared to development in the unincorporated portions of the county. Therefore, if a tornado were to occur, these areas may face larger amounts of damage because the majority of buildings and structures in the county are located in these cities.

While all areas of Emanuel are prone and vulnerable to tornadoes, the City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. The Emanuel Medical Center is located in Swainsboro, and if the hospital were to lose power during a tornado or have damage done to its building, there would be serious implications for hospital visitors and residents. The City of Swainsboro also contains several nursing and assisted living facilities. If these facilities were to be damaged, the health of residents may be impacted as well. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. In addition, if a tornado were to occur in Twin City, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. In addition, if a thunderstorm/windstorm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. In addition, if a tornado were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. Stillmore contains a total of 13 critical

facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. In addition, if a tornado were to occur in Stillmore, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. Summertown contains only one critical facility. If this facility were to be damaged by a tornado, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a tornado, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a tornado in Garfield.

While structural damage caused by a tornado may be minimal in the unincorporated areas of the county where there is less development, the occurrence of a tornado may however cause trees to fall on power lines and block roadways which could negatively impact residents as well. In addition, there are a number of critical facilities located in the unincorporated areas of Emanuel County. In total, there are nine critical facilities located outside of city limits within Emanuel County. Therefore, if a tornado were to occur in the unincorporated areas of the county, there is potential for the loss of essential buildings and infrastructure.

Part F. Hazard Summary

Through examination of the hazard occurrence data and historical trends the committee has determined that tornadoes remain a threat to the county. Even though the frequency of occurrences is small, the impact from one tornado has the potential to destroy numerous properties and cause harm to residents. Emergency response teams including the sheriff's department, police, fire and rescue, EMS, and EMA have been utilized during these events along with the county road department. In the future, measures suggested in this plan need to be enacted to limit the amount of impact a tornado can have on Emanuel

County. The committee reviewed previous tornado mitigation action steps proposed in the approved 2015 plan. Continuing to address these issues will be an ongoing task for both county and city officials.

Section IV. Natural Hazard Event-Severe Winter Weather

Part A. Hazard Identification

Winter storms are non-spatial hazards that, for Emanuel County, bring the threat of freezing rain and ice storms. A heavy accumulation of ice, especially when accompanied by high winds, devastates trees and power lines, which affect buildings and other infrastructures. Direct effects to residences and commercial building can include loss of utilities, roof damage and busted water pipes. Additionally, sidewalks, streets, and highways can become extremely hazardous to pedestrians and motorists, resulting in injury or loss of life.

According to the 2019 Georgia Hazard Mitigation Strategy plan, severe winter storms bring the threat of ice. Freezing rain consists of super-cooled falling liquid precipitation that freezes on contact with the surface when temperatures are below freezing. This results in an ice glazing on exposed surfaces including buildings, roads, and power lines. Sleet is easily discernable from freezing rain in that the precipitation freezes before hitting the surface. Often sleet bounces when hitting a surface and does not adhere. However, sleet can compound into sufficient depths to pose some threat to motorists and pedestrians.

A heavy accumulation of ice, which is often accompanied by high winds, has the ability to devastate infrastructure and vegetation. Often, sidewalks and streets become extremely dangerous to pedestrians and motorists. Primary industries such as farming and fishing, suffer losses associated with winters of extreme temperatures and precipitation. In the southern states, this destructiveness is often amplified due to the lack of preparedness and response measures. Also, the infrastructure is not designed to withstand certain severe weather conditions such as weight build-up from snow and ice.

Part B. Hazard Profile

Location

Since severe winter weather is a non-spatial entity, they have the potential to occur anywhere within Emanuel County. Therefore, all parts of the county could be potentially subject to severe winter weather and there is no specific area that would necessarily be more likely to have one. Severe winter weather is seasonal, with most storms occurring between January and March, with the highest probability of occurrence in February. The rate of onset and duration varies, depending on the weather system driving the storm. Georgia rarely experiences severe winter weather; however, the impacts of the storms substantiate severe winter weather's inclusion in risk assessments for most southern states.

Extent

The extent of winter storms in Emanuel County is best measured by viewing the amount of ice, snow, and sleet accumulation. NOAA's National Centers for Environmental Information (NCEI) is now producing the Regional Snowfall Index (RSI) for significant snowstorms that affect the eastern two-thirds of the United States. The RSI ranks snowstorm impacts on a scale from 1 to 5, similar to the Fujita scale for tornadoes or the Saffir-Simpson Scale for hurricanes. Table 2.6 shows the NOAA's RSI for the Southeast.

Table 2.6: NOAA Regional Snowfall Index (RSI) for the Southeast

Category	RSI Value	Description
1	1-3	Notable
2	3-6	Significant
3	6-10	Major
4	10-18	Crippling
5	18+	Extreme

Source: https://www.ncdc.noaa.gov/snow-and-ice/rsi/

The RSI differs from these other indices because it includes population. RSI is based on the spatial extent of the storm, the amount of snowfall, and the juxtaposition of these elements with population. Including population information ties the index to societal impacts. Currently, the index uses population based on the 2010 Census.

The RSI is an evolution of the Northeast Snowfall Impact Scale (NESIS), which NCEI began producing operationally in 2005. While NESIS was developed for storms that had a major impact in the Northeast, it includes the impact of snow on other regions as well. It can be thought of as a quasi-national index that is calibrated to Northeast snowstorms. By contrast, the RSI is a regional index; a separate index is produced for each of the six NCEI climate regions in the eastern two-thirds of the nation. Georgia is in the Southeast climate region. The RSI is important because of the need to place snowstorms and their societal impacts into a historical perspective on a regional scale.

History

According to NCDC statistics in the past 70 years there have been nine recorded events with severe winter weather. It is important to remember that the NCDC has only recently been keeping up with the number of severe winter storms occurrences at the local level, so the true number of severe winter storms that have occurred in the past 70 years is unknown.

Since the last plan update in 2015, there has been one new event with severe winter weather recorded by the NCDC. This storm occurred on January 3rd, 2018. During this event, the Emanuel County Emergency Manager reported that between ½ and 1 inches of snow fell across the southern portion of the county with around ¾ of an inch reported in the Stillmore community. This storm is the most recent storm to occur in Emanuel County where severe winter weather occurred.

On January 28th, 2005, a significant and fairly prolonged winter storm affected nearly all of North and Central Georgia. The winter storm was a result of a very strong and very cold Arctic surface high pressure system located across the Mid-Atlantic states and an upper-level disturbance moving across the region from the west. In Emanuel County, it was reported that the county received less than ¼ of an inch of ice. This storm produced a reported amount of $5,000 in property damage.

On January 28th, 2014, a winter storm occurred in Emanuel County. This significant winter storm impacted North and Central Georgia. Snow and sleet began that Tuesday evening, accumulating to widespread amounts of 1 to 3 inches of snow, up to half an inch of sleet, and up to a half inch of freezing rain.

Even though the frequency of winter storm occurrences is small, the impact from a severe winter storm has the potential to damage numerous properties (buildings, structures, crops, etc.) and endanger the lives of its citizens.

Probability

Since NCDC data shows nine events of severe winter weather in the last 70 years, the frequency of occurrence per year is projected at 12.86%. Additionally, the annual frequency for the last 10 and 20 years are 0.5 and 0.45, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.18, with a historical recurrence interval of 7.78 years. Therefore, it is "Highly Likely" that a winter storm will occur within the next 1-10 years

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The total percentage of the number of structures that are exposed to the non-spatial threat of winter storms in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on maps, both of which are in Appendix A, IV. All of the county's 161 identified critical facilities on the GMIS Wind Hazard Report received a hazard score of 2. Additionally, all of the critical facilities are at risk to the threat of severe winter weather.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures, 745 government facilities and 3 utility structures. All of these structures are equally exposed to severe winter weather.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is $70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by severe winter weather.

The potential damage by a winter storm in Emanuel County is difficult to estimate due to several factors, most importantly the severity and duration of the storm. The characteristics of the event, such as whether it involves a large amount of ice, freezing rain, or low temperatures, will influence the extent of damage caused. The county's roads and other forms of infrastructure could also be severely affected by ice as a

result of a winter storm. Estimates for these losses are unavailable. Additionally, with 22,499 residents in Emanuel County, any number could be affected by a winter storm.

Part D. Land Use and Development Trends

Emanuel County currently has no land use or development trends specifically related to winter storms. In the future, any number of structures (commercial, industrial, public/institutional, residential), critical facilities, and infrastructure will be vulnerable to winter storms because they are a non-spatial hazard.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous please. With this increase of value and number of structures, there is potential for greater loss due to impacts from severe winter weather.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area,

pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. A severe winter weather event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

Part E. Multi-Jurisdictional Concerns

In the incorporated and unincorporated areas of Emanuel County, the threat of natural non-spatial occurrences including severe winter storms is equally applicable. All areas of the county are susceptible to non-spatial threats. There is not a specific map for this hazard. Therefore, any mitigation steps taken related to winter storms should be applied to the entire county.

However, due to the greater amount of development and structures within the municipalities, than in the unincorporated portions, there is a higher potential for property damage inside the city limits of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. It is possible that damage may be less significant in the unincorporated areas of the county than compared to the damage that may occur in these cities.

While all areas of Emanuel are prone and vulnerable to severe winter storms, the City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. The Emanuel Medical Center is located in Swainsboro, and if the hospital were to lose power or have damage done to its building, there would be serious implications for

hospital visitors and residents. The City of Swainsboro also contains several nursing and assisted living facilities. If these facilities were to lose power, the health of residents may be impacted as well. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a winter storm, there could be severe consequences for both the City and the County. In addition, if a winter storm were to occur in Twin City, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a winter storm, there could be severe consequences for both the City and the County. In addition, if a winter storm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a winter storm, there could be severe consequences for both the City and the County. In addition, if a winter storm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. Stillmore contains a total of 13 critical facilities. If any of these facilities were to be damaged by a winter storm there could be severe consequences for both the City and the County. In addition, if a winter storm were to occur in Stillmore, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. Summertown contains only one critical facility. If this facility were to be damaged by a winter storm, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a winter storm, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a winter storm, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a winter storm in Garfield.

While structural damage caused by a winter storm may be minimal in the unincorporated areas of the county where there is less development, the occurrence of a winter storm may cause icy road conditions and could cause trees to fall on power lines and block roadways which would negatively impact residents as well. In addition, there are a number of critical facilities located in the unincorporated areas of Emanuel County. In total, there are nine critical facilities located outside of city limits within Emanuel County. Therefore, if a winter storm were to occur in the unincorporated areas of the county, there is potential for the loss of essential buildings and infrastructure.

Part F. Hazard Summary

Severe winter weather in Emanuel County, can cause a significant amount of property damage and pose a threat to personal safety. Ice and freezing rain can damage infrastructure, while also making roads hazardous. They have the potential of occurring anytime during the winter months and are equally hazardous for all portions of the county. The amount of damage that they cause is dependent upon the extent and severity of the hazard. The mitigation action steps that have been included in this document are focused upon reducing the impact that a winter storm would cause to the property and residents of Emanuel County.

Section V. Natural Hazard Event- Wildfire

Part A. Hazard Identification

A wildfire is an uncontrolled fire spreading through vegetative fuels, exposing and possibly consuming structures. Wildfires often begin unnoticed and spread quickly and are usually signaled by dense smoke that fills the area for miles. Naturally occurring and non-native species of grasses, brush, and trees fuel wildfires.

Low humidity, lack of recent precipitation (or drought conditions), wind speed, lightning strikes, and temperature are a combination of weather conditions that favor the kindling and spread of wildfires. A high fuel load (i.e., the accumulation of dead vegetation), in combination with the above, also provides for the kindling and spread of wildfires. A combination of available fuel, weather, and topography work together to determine when a wildfire will ignite, how quickly it will travel and the intensity of the fire. Communities with a large amount of wooded or grassy areas are at greater risk.

When talking about a natural occurring wildfire, caused by natural sources such as lighting strike, a combination of available fuel, weather, and topography work together to determine when a wildfire will ignite, how quickly it will travel and the intensity of the fire. These factors are also relevant when looking at wildfires that occur because of human interaction with the environment, including campfires, cigarettes, debris burning, etc. Additionally, communities with a large amount of wooded or grassy areas are at greater risk. Prolonged drought or periods of extreme heat can also increase the likelihood of wildfire.

Much of Southern Georgia is covered by forests, and fires play an important role in the health of forest ecosystems by breaking down organic matter into soil nutrients and helping seeds to germinate. When naturally occurring wildfires are suppressed, combustible fuel (such as dead leaves and branches) accumulates in the forest. This increases the risk of larger, more destructive fire events in the future. Controlled, prescribed fires lower the risk of larger fire events and are beneficial to forest.

Part B. Hazard Profile

Location

The 2018 Emanuel County Community Wildfire Protection Plan states that Emanuel County, which is in southeast Georgia's wiregrass region, is still almost 70% forested, despite an agricultural presence scattered throughout the county. The risks and hazards from the wildland urban interface are fairly general and substantial throughout the county even on the edges of the incorporated cities. A wildland-urban interface is an area where structures and other human development meet or intermingles with undeveloped wildland or vegetative fuels. There are three major categories of wildland-urban interface, which are explained below in the Extent portion below.

Due to the large amount of wooded and undeveloped land in Emanuel County wildfires have the potential to occur almost anywhere in the county outside of the city limits of its municipalities. Though there is the potential for a wildfire to spread into the city limits, the highest areas of concern fall in the unincorporated portions. In the unincorporated areas of Emanuel County, the fuel load is moderate or in many places heavy along the Ohoopee and Ogeechee Rivers. These fuel load areas significantly increase the threat of wildfires. The higher the fuel load the greater chance for fire. Major fuel types in the county consist of

natural pine forest, CRP pine plantations adjacent to agriculture land throughout the region with hardwood bottoms near creeks and branches, and large paper/timber company plantations.

The Southern Group of State Foresters provides fire risk assessment maps through their Wildfire Risk Assessment Portal. Areas of fire susceptibility, occurrence, and level of concern in Emanuel County are depicted through the Characteristic Fire Intensity Scale Map, the Wildland Urban Interface Map, the Community Protection Zones Map, the Wildfire Ignition Density Map, and the Wildland Urban Interface Risk Index Map. The Characteristic Fire Intensity Scale specifically identifies areas where significant fuel hazards and associated dangerous fire behavior potential exist based on weighted average of four percentile weather categories. The Wildland Urban Interface (WUI) Map reflects housing density depicting where humans and their structures meet or intermix with wildland fuels. Areas represented in the Community Protection Zones Map represent the highest priority for mitigation planning activities. The Wildfire Ignition Density Map depicts the likelihood of a wildfire igniting in an area. The Wildfire Urban Interface Risk Index Map depicts rating of potential impact of a wildfire on people and their homes. Each of the above-mentioned maps may be found in Appendix A, V. Additionally, refer to the 2018 Georgia Forestry Commission Community Wildfire Protection Plan for Emanuel County in Appendix C for additional information on the location.

The wildland fire risk assessments conducted in 2011 by the Emanuel County Fire Departments returned a number of communities in the "Very High" range. The risk assessment instrument used to evaluate wildfire hazards to Emanuel County's WUI was the Hazard and Wildfire Risk Assessment Checklist. The instrument takes into consideration accessibility, vegetation (based on fuel models), roofing assembly, building construction, and availability of fire protection resources, placement of gas and electric utilities, and additional rating factors. According to the wildland fire risk assessment conducted in 2011, Dellwood and Garfield returned hazard scores of "High". Summertown, Canoochee, Cross-n-Green, Adrian, and Norristown returned hazard scores of "Very High". Oak Park, Nunez, Swainsboro, and Stillmore returned hazard scores of "Extreme". Figure 2.3, shows a summary of the wildfire hazard rates by area.

Figure 2.3: Wildfire Hazard Rates by Area

Summary of Emanuel County Assessments

Fire District	Community Access	Surrounding Vegetation	Building Construction	Fire Protection	Utilities	Add. Factors	Score	Hazard Rating
Twin City	8	20	10	12	5	18	72	Moderate
Dellwood	6	20	20	8	5	28	87	High
Summertown	12	35	20	15	7	35	124	Very High
Garfield	15	20	15	12	7	9	78	High
Canoochee	21	20	15	17	9	25	107	Very High
Cross-n-Green	21	20	23	20	8	25	117	Very High
Stillmore	21	35	15	12	9	35	127	Extreme
Swainsboro	24	35	25	13	9	35	141	Extreme
Nunez	23	20	30	12	9	40	134	Extreme
Adrian	23	20	20	17	9	17	106	Very High
Norristown	22	20	20	21	9	27	119	Very High
Oak Park	25	35	25	15	4	40	145	Extreme

Source: Emanuel County Revised 2018 CWPP

Extent

The most appropriate measurement of the extent of a wildfire is the total acres burned. This illustrates the amount of area the wildfire encompassed and provides the opportunity to compare one event to another.

The Wildland-Urban Interface: The 2019 Georgia Hazard Mitigation Strategy Plan states that wildfires that cause the greatest loss of life and property are those located in the Wildland-Urban Interface (WUI). There are many definitions of the WUI, however from a fire management perspective it is commonly defined as an area where structures and other human development meet or intermingles with undeveloped wildland or vegetative fuels. As fire is dependent on a certain set of conditions, the National Wildfire Coordinating Group has defined the wildland-urban interface as a set of conditions that exists in or near areas of wildland fuels, regardless of ownership. This set of conditions includes type of vegetation, building construction, accessibility, lot size, topography, and other factors such as weather and humidity. When these conditions are present in certain combinations, they make some communities more vulnerable to wildfire damage than others. This "set of conditions" method is perhaps the best way to define wildland-urban interface areas when planning for wildfire prevention, mitigation, and protection activities.

There are three major categories of wildland-urban interface. Depending on the set of conditions present, any of these areas may be at risk from wildfire. A wildfire risk assessment can determine the level of risk. First, boundary wildland-urban interface is characterized by areas of development where homes, especially new subdivisions, press against public and private wildlands, such as commercial forests or public parks. Second, intermix wildland-urban interface occurs in areas where improved property and/or structures are scattered and interspersed in wildland areas. Finally, island wildland-urban interface, also known as occuled interface, is an area of wildland within predominantly urban or suburban areas.

1. **"Boundary"** wildland-urban interface is characterized by areas of development where homes, especially new subdivisions, press against public and private wildlands, such as private or commercial forest land or public forests or parks. This is the classic type of wildland-urban interface, with a clearly defined boundary between the suburban fringe and the rural countryside.
2. **"Intermix"** wildland-urban interface areas are places where improved property and/or structures are scattered and interspersed in wildland areas. These may be isolated rural homes or an area that is just beginning to go through the transition from rural to urban land use.
3. **"Island"** wildland-urban interface, also called occluded interface, are areas of wildland within predominately urban or suburban areas. As cities or subdivisions grow, islands of undeveloped land may remain, creating remnant forests. Sometimes these remnants exist as parks, or as land that cannot be developed due to site limitations, such as wetlands.

When a residential area, whether it be a single home or an entire subdivision, is adjacent to an area containing vegetative fuels, such as a forest or other wooded area, this is referred to as a Wildland-Urban Interface area (WUI). A wildland-urban interface is an area where structures and other human development meet or intermingles with undeveloped wildland or vegetative fuels. These are the areas at greatest risk for property damage due to Wildfire. Figure 2.4 shows a map of Emanuel County's WUI and Figure 2.5 shows areas in Emanuel County with different levels of fire intensity.

Figure 2.4: Emanuel County WUI Map

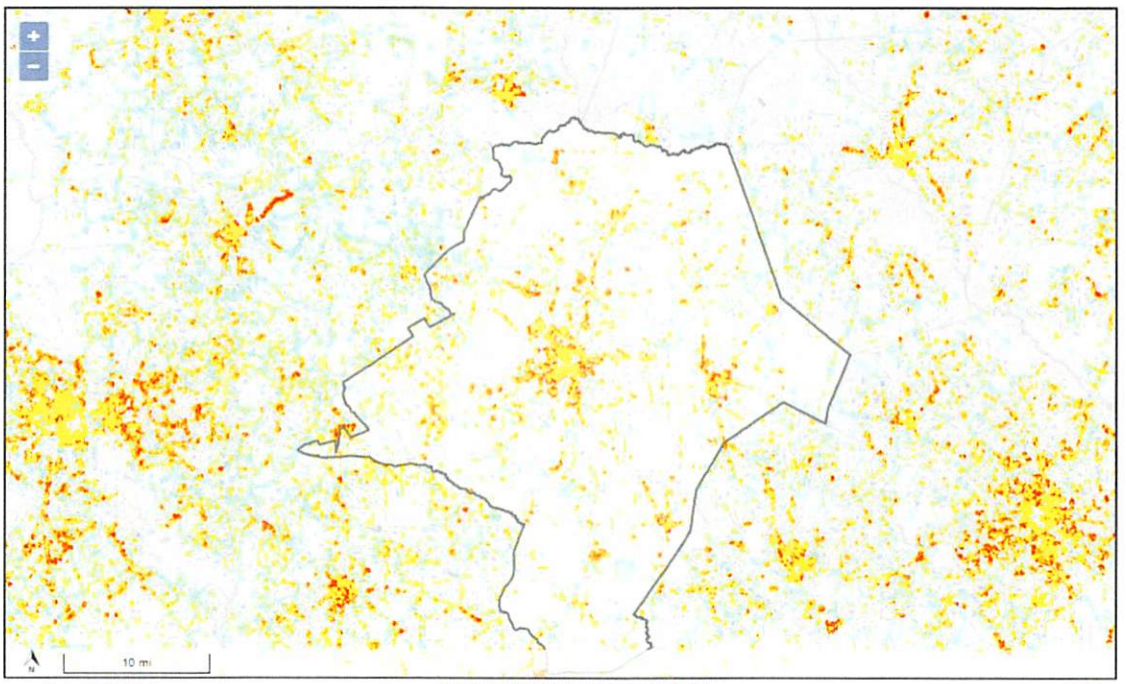
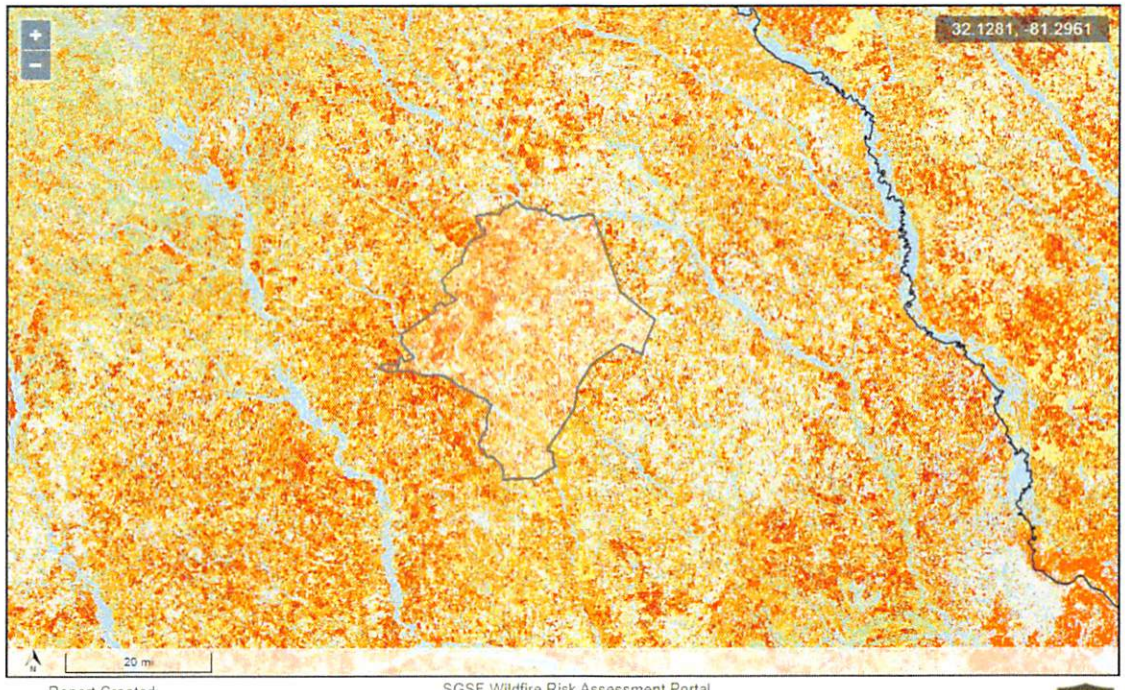


Figure 2.5: Emanuel County Fire Intensity Map



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SGSF Wildfire Risk Assessment Portal
http://www.southernwildfirerisk.com

The user assumes the entire risk related to their use of the SGSF Wildfire Risk Assessment Portal and either the published or derived products from these data. Southern Group of State Foresters is providing these data "as is" and disclaims any and all warranties, whether expressed or implied, including (without limitation) any implied warranties of merchantability or fitness for a particular purpose. In no event will Southern Group of State Foresters be liable to you or to any third party for any direct, indirect, incidental, consequential, special or exemplary damages or lost profit resulting from any use or misuse of these data.

Characteristic Fire Intensity Scale

- No Data
- 1 - Lowest Intensity
- 1.5
- 2 - Low
- 2.5
- 3 - Moderate
- 3.5
- 4 - High
- 4.5
- 5 - Highest Intensity

History

According to the Georgia Forestry Commission's 2018 CWPP for Emanuel County, despite the county's noted agricultural presence, it is still almost 70% forested. Perhaps with the exception of the large blocks of woodlands in the areas along the Ohoopee, Canoochee, and Ogeechee Rivers, there are homes and communities scattered throughout the county. The risks and hazards from the wildland urban interface are fairly general and substantial throughout the county even on the edges of the incorporated cities.

Emanuel County is protected by the Swainsboro Emanuel County Fire Department with a full-time station in Swainsboro along with 12 volunteer departments located throughout the county. The Georgia Forestry Commissions maintains a county protection unit located on the southeastern edge of Swainsboro just off of the US Hwy 1 to respond to wildfires throughout the county. The Cities of Swainsboro, Twin City, Adrian, Oak Park, Summertown, Stillmore, Nunez, and Garfield are serviced by pressurized water systems with hydrants available.

Over the past 52 years (1966-2018), Emanuel County has averaged 133 reported wildland fires per year, burning an average of 876 acres per year. Using more recent figures, over the past 10 years (2008-2018), this number has reduced significantly to an average of 76 fires per year, burning on average 346 acres annually. The occurrence of these fires during this later period shows a pronounced peak during the months of January, February, March, and April accounting for 57% of the annual fires and 67% of the average acreage burned.

Between the years of 2007-2017, there has been a total of 862 wildfires in Emanuel County. Additionally, there has been a total of 3,911 acres burned during that time period. Since the adoption of the previous plan in 2015, there have been 142 newly recorded occurrences of wildfires in Emanuel County.

Between the years of 2007-2016, the leading cause of fires was debris burning and Machine Use causing 45% and 15% respectively of the fires and 53% and 8% respectively of the acres burned. Incendiary (arson) was the third leading cause accounting for 12% of fires and 14% of the acreage burned during those years. Other major causes were lightning, children, campfires, and other miscellaneous causes. Records show that over 46% of the debris burning causes fires originated from prescribed burning and 27% were caused by carless homeowner burning. Other debris burning caused fires were from agriculture, site preparation, and construction activities.

Probability

Based on historical occurrence data obtained from the Georgia Forestry Commission, the probability of wildfire occurrence in Emanuel County is "Highly Likely." As previously mentioned, historical data for wildfire occurrences is limited. However, the Community Wildfire Protection Plan reports that Emanuel County has 862 reported wildland fires in the past 10 years (2007-2017), with a total of 3,911 acres burned. The current chance per year that a wildfire event will occur is 8620%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the past ten and twenty years is 86.2 and 43.1, respectively. Finally, keeping in mind that the older the data the more incomplete, we can see that the annual frequency for the last 50 years is 17.24, with a historical recurrence interval of 0.01 years. Taking this into consideration, it is "Highly Likely" that the county will experience another wildfire in the next one to ten years.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

Wildfires can have a large impact depending on the location of fire. In addition to the loss of economic assets and key infrastructure, residents could also face a decrease in their mental health after a fire, air quality issues, and short-term/long-term economic impacts.

Through housing formation obtained from the Emanuel County Tax Assessor, the determination was made that 72.57% (9,827) of all structures in the county are within the wildfire hazard area, as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

Of the structures located in the wildfire zones; there are 5713 residential (70.29%), 1609 commercial (78.91%), 145 industrial (84.72%), 989 agricultural (72.34%), 611 religious/nonprofit (78.68%), 596 government (79.96%), 163 education (68.45%), and 2 utilities (68.42%). Of the county's 161 critical facilities, 18 received a GMIS hazard score of 4, 93 received a hazard score of
3, 20 received a hazard score of 2, 8 received a hazard score of 1, and 22 received a hazard score of 0.

The total value of all structures within the wildfire zones is estimated to be $446,381,111 or 72.57% of the total value of structures in the county. The value of structure within the wildfire hazard area by category are $237,100,629 residential, $67,389,087 commercial, $13,158,976 industrial, $50,926,665 agricultural, $14,469,722 religious/nonprofit, $51,367,685 government, $11,909,520 education, and $58,823 utility.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on maps, please view Appendix A, V.

Part D. Land Use and Development Trends

There are several development trends that are related to wildfire occurrence and loss vulnerability. Development in Emanuel County has increased the amount of residential development in its unincorporated areas. These houses are being built within the wild land urban interface and increase the risk of a wildfire resulting in property damage or loss of life.

The Georgia Forestry Commission has directly identified several communities within the county that contributed to the county being award a "high risk" hazard range on the "Hazard and Wildfire Risk Assessment Checklist. Continued growth in these current communities or the development of other similar communities in the county increases the risk of wildfire occurrence and property. However, since the adoption of the last hazard mitigation plan in 2015, there has been a concerted effort by the local Georgia Forestry Commission Office and the county fire departments to educate citizens on wildfire issues, in order to help offset the risk posed by additional development.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous please. With this increase of value and number of structures, there is potential for greater loss due to impacts from wildfires.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire

truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. A wildfire event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

Part E. Multi-Jurisdictional Concerns

As described earlier, there are significant differences between the incorporated and unincorporated portions of Emanuel County in regard to wildfire vulnerability. Due to the large amounts of undeveloped forests in the unincorporated parts of the county, the opportunity for a wildfire is very present. However, due to the wild land urban interface, the municipalities and developed residential communities are not entirely immune to the possibility of a fire spreading into their boundaries. In the incorporated areas of Emanuel County, the threat of wildfires is low due to moderate fuel load levels present within these municipalities. However, in the unincorporated areas, including the wild land interface, the threat of wildfires is much higher.

According to the Georgia Mitigation Information System, portions of Emanuel County have Wildfire Hazard scores ranging from 0-4. A vast majority of the unincorporated part of the county is located in zones 0-1. However, there are areas scattered throughout the county that have scores of one to two. Though a large portion of the cities of Swainsboro and Twin City fall within the zero zone, the other portions of the cities include a higher fuel load and have a hazard score of 2. This area also contains several critical facilities.

The City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. According the Emanuel County CWPP (2018), the wildland fire risk assessment conducted in 2011 returned a hazard score of 141 for the City of Swainsboro, which is an "Extreme" hazard rating. In addition, Swainsboro contains a total of 89 critical facilities. The Emanuel Medical Center is also located in Swainsboro and if a wildfire were to reach the hospital and damage the facility, there would be serious consequences for both the City and the County. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. The City of Swainsboro also contains several nursing and assisted living facilities. Elderly residents and low-income groups are considered

vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. The wildland fire risk assessment conducted in 2011 returned a hazard score of 72 for Twin City, which is a "Moderate" hazard rating. In addition, Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. The wildland fire risk assessment conducted in 2011 returned a hazard score of 145 for Oak Park, which is an "Extreme" hazard rating. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. The wildland fire risk assessment conducted in 2011 returned a hazard score of 106 for Adrian, which is a "Very High" hazard rating. In addition, Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. The wildland fire risk assessment conducted in 2011 returned a hazard score of 127 for Stillmore, which is an "Extreme" hazard rating. In addition, Stillmore contains a total of 13 critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. The wildland fire risk assessment conducted in 2011 returned a hazard score of 124 for Summertown, which is a "Very High" hazard rating. Summertown contains of only one critical facility. If this facility were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty.

Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. The wildland fire risk assessment conducted in 2011 returned a hazard score of 134 for Nunez, which is an "Extreme" hazard rating. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. The wildland fire risk assessment conducted in 2011 returned a hazard score of 78 for Nunez, which is a "High" hazard rating. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a wildfire, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a wildfire in Garfield.

In the unincorporated area of Emanuel County, the fuel load is moderate or in many places heavy, especially in the southeastern portions of the county which is heavily forested. The area located along the Ohoopee River have a wildfire hazard of 1 to 2. These fuel load areas significantly increase the threat of wildfires. The majority of farmland in the county is located in the unincorporated areas. Therefore, if a wildfire were to occur where farmland exists, the fire could have extreme economic impacts for not only farmers, but the community as a whole.

Part F. Hazard Summary

Due to the large amount of forest and the growing wildland interface in Emanuel County, wildfire remains a significant threat to the lives and property of its citizens. Given the quick onset and destructive nature of wildfires, the update committee feels that the mitigation strategies included in this plan for reducing the impact of wildfire are extremely critical to the protecting the county. As a result of wildfire, properties are severely damaged or lost, natural resources are destroyed, evacuations are sometimes necessary, residents may become displaced, and at its extreme a wildfire can cause a loss of life. However, through future land use regulations and through the future actions implemented with this plan, the threat of wildfires in the future should continue to decrease.

Section VI. Natural Hazard Event-Excessive Heat

Part A. Hazard Identification

Temperatures that hover 10 degrees or more above the average high temperature for the region and last for several weeks are defined as Excessive Heat. Humid or muggy conditions, which add to the discomfort of high temperatures, occur when a "dome" of high atmospheric pressure traps hazy, damp air near the ground. Excessively dry and hot conditions can provoke dust storms and low visibility. Droughts occur

when a long period passes without substantial rainfall. A heat wave combined with a drought is a very dangerous situation. (Droughts are addressed in Section VII)

Excessive Heat Watch:	Conditions are favorable for an excessive heat event to meet or exceed Excessive Heat Warning criteria in the next 24 to 72 hours.
Excessive Heat Warning:	Heat Index values are forecast to meet or exceed locally defined warning criteria for at least 2 days (daytime highs=105-110° Fahrenheit).
Heat Advisory:	Heat Index values are forecast to meet locally defined advisory criteria for 1 to 2 days (daytime highs= 105-110° Fahrenheit).

Part B. Hazard Profile

Location

Excessive heat within the region could potentially affect the entire county equally. Therefore, all parts of the county could be subject to this hazard. No specific area is more likely to experience this potential occurrence than another.

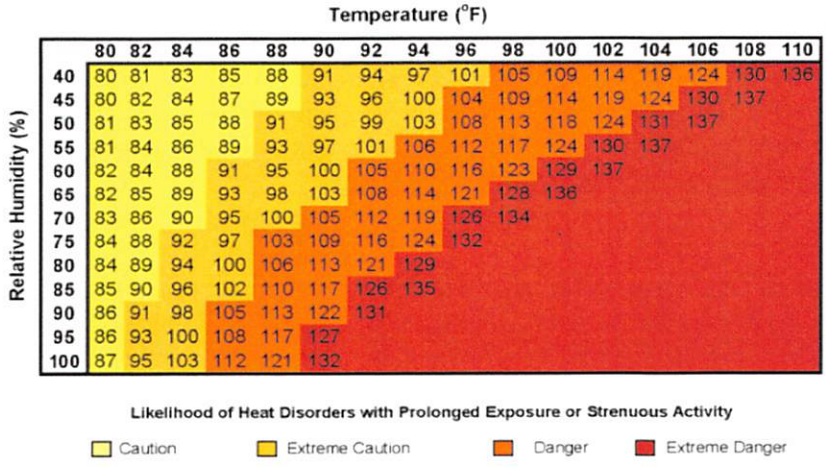
Extent

To measure the extent of excessive heat the National Weather Service uses the Heat Index (HI), a chart that accurately measures the apparent temperature of the air as it increases with the relative humidity. The Heat Index can be used to determine what effects the temperature and humidity can have on the population. To determine the Heat Index, you need the temperature and the relative humidity. Once both values are known, the Heat Index will be the corresponding number with both values. That number provides how it really feels. It is important to know that the Heat Index (HI) values are devised for shady, light wind conditions. Exposure to full sunshine can increase HI values by up to 15 degrees. Also, strong winds, particularly with very hot, dry air can be extremely hazardous to individuals. (The Heat Index can be found below)

Outside temperatures during the summer months in this region of Georgia often exceed 100 degrees, and combined with high humidity levels, have the potential to pose a "Danger" or "Extreme Danger" to the public.

The National Weather Service provides a heat index chart (as seen below in Figure 2.6) to illustrate the effect of temperature combined with relative humidity on the human body. The Heat Index (image below), also known as the Apparent Temperature, is a subjective measure of what it feels like to the human body when relative humidity is factored into the actual air temperature. Relative humidity is a measure of the amount of water in the air compared with the amount of water that air can hold at the current temperature. In short, it is a measure of how close the air is to being saturated with moisture. The body cools itself through the evaporation of perspiration or sweat. However, when the relative humidity is high, the increased moisture content in the air decreases the evaporation of perspiration or sweat. Therefore, the body feels warmer when it is humid, and therefore we use relative humidity. For example, in the heat index chart below, a hot and very humid air mass with a temperature of 94 degrees and a relative humidity of 45 percent yields an apparent temperature of 100 degrees. Holding the temperature constant and increasing the relative humidity to 60 percent yields an apparent temperature of 110 degrees.

Figure 2.6: NOAA's National Weather Service Heat Index



Extreme Danger	Heat stroke or sunstroke likely
Danger	Sunstroke, muscle cramps, and/or heat exhaustion likely
Extreme Caution	Sunstroke, muscle cramps, and/or heat exhaustion possible
Caution	Fatigue Possible

Source: https://www.weather.gov/safety/heat-index#:~:text=The%20Heat%20Index%20is%20a,with%20the%20actual%20air%20temperature.&text=As%20an%20example%2C%20if%20the,without%20numbers%20indicates%20extreme%20danger.

History

According to NCDC statistics, in the past 70 years there have been 11 occurrences of excessive heat within Emanuel County. Since the last plan update, there have been no newly recorded events of excessive heat reported by NCDC. Because the NCDC has only recently been keeping up with the number of instances of extreme heat at the local level, the true number of occurrences of excessive heat that have occurred in the past years is unknown.

One recorded instance of Excessive Heat occurred in September 2002. A strong ridge of high pressure aloft stagnated over the southeastern U.S. for several days during the first 11 days of September. Consequently, temperatures were unseasonably warm during the first part of September. Temperatures soared into the 90s across nearly all of North and Central Georgia during this period. The hottest weather was broken into two periods, one from September 3rd to September 6th, and the other from September 9th through September 12th. Additionally, this period of excessive heat coincided with a drought for Emanuel County and the region.

Five years later in August of 2007, the county experienced another period of excessive heat, while also undergoing a drought. The temperature during this period regularly reached or exceeded 100 degrees Fahrenheit. The other occurrences were in 2012 where record breaking heat waves started in late June and carried into the beginning of September. This was one of the hottest events in Georgia State history, with multiple all-time heat records tied or broken in the months of July, August, and September.

The Southeast Regional Climate Center reports average humidity values through the year 2015 and provide selected morning and afternoon observations for certain cities in Georgia. The closest city that the Southeast Regional Climate Center reports average humidity levels for is Macon, Georgia (located approximately 96 miles northwest of Emanuel County). Maximum relative humidity values usually occur during morning hours. Recorded are average humidity values for local Standard Time (LST) of morning at

7 A.M. and afternoon at 1 P.M. The average maximum humidity values for Macon (the closest documented city to Emanuel County) is 85% humidity for the month of May, 85% for the month of June, 88% for the month of July, 91% for the month of August, and 91% for the month of September. (Source: https://sercc.com/climateinfo/historical/avgrh.html#GA)

Because Emanuel County is in a region of the country with relatively high temperatures combined with high levels of humidity, it is common for high levels of humidity to exacerbate high temperatures and increase the heat index. Increased heat index increases the dangers and risk; creating a climate more apt to cause exhaustion and heat stroke with prolonged exposure to excessive heat.

Probability

As stated above, in the last 70 years there have been eleven recorded occurrences of excessive heat events from the NCDC. The current chance per year that an excessive heat event will occur is predicted to be 15.71%, as noted in the Hazard Frequency Table (Appendix D II). Additionally, the annual frequency for the last ten and twenty years is 0.2 and 0.45, respectively. Finally, keeping in mind that the older the data the more incomplete, we can see that the annual frequency for the last fifty years is 0.22 with a historical recurrence interval of 6.36 years. Taking this into consideration, it is "Highly Likely" that the county will experience another period of excessive heat in the next ten years.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The Emanuel County Joint Hazard Mitigation Plan Update Committee concluded that excessive heat presents no direct threat to structures or critical facilities. However, wildfire and drought, which can result from conditions of excessive heat were considered. Additionally, as a result of excessive heat, crops are damaged or lost, water use is restricted, wells become dry, nature is affected by a minimal water supply, and at its extreme, excessive heat can cause a loss of life.

Part D. Land Use and Development Trends

There are no specific trends concerning excessive heat in the county comprehensive plan. Future land use maps cannot address the threat of natural non-spatial occurrences including excessive heat.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2019 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation

department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

Part E. Multi-Jurisdictional Concerns

All of Emanuel County could potentially be affected by excessive heat conditions. All areas of the county are susceptible to non-spatial threats. There is not a specific map for this hazard.

However, it is important to note any changes in certain population groups to fully understand who is vulnerable to excessive heat. According to the CDC, older adults aged 65 and above, are vulnerable to the impacts of excessive heat. Older adults do not adjust as well as young people to sudden changes in temperature and are more likely to have a chronic medical condition that changes normal body responses to heat. The CDC also reports that low-income household are at a higher risk of being exposed to the dangers of excessive heat. Low-income households may be less likely to have air conditioners and may have to travel to find a place with access to an air conditioner (such as a library) to protect themselves from heat related illnesses. Therefore, it is also important to note this population when considering the effects of excessive heat within a community.

The City of Swainsboro is the largest municipality in Emanuel County, with a total of 7,347 residents. Of the total population, 14.2% of residents are 65 years or older. In addition, of the total population, 23.6% of the population live in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Of the total population, 16.5% of resident are 65 years or older. In addition, of the total population, 19.2% of residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Twin City.

Oak Park is the third largest municipality in Emanuel County with a total of 647 residents. Of the total population, 10.5% of residents are 65 years or older. In addition, of the total population, 36.6% of residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. Adrian has a total population of 558 residents. Of the total population, 18.1% of residents are 65 years or older. In addition, of the total population, 35.6% of resident are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. Stillmore has a total population of 535 residents. Of the total population, 20.2% of residents are 65 years or older. In addition, of the total population, 23.6% of residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents. Of the total population, 17.3% of residents are 65 years or older. In addition, of the total population, 11.3% of residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total of 169 residents. Of the total population, 27.3% of residents are 65 years or older. In addition, of the total population, 3.3% of residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with a total of 142 residents. Of the total population, 14% of residents are 65 years or older. In addition, of the total population, 12.3% of

residents are living in poverty. These populations may be at a higher risk of excessive heat related illnesses in the City of Garfield.

The CDC states that outdoor workers are also a vulnerable group who are more likely to be impacted by the dangers of excessive heat. In Emanuel County, according to the Georgia Department of Labor, during the first quarter of 2020, there were 320 individuals who were working in the agriculture, forestry, fishing, and hunting industry. An additional 34 individuals were working in the construction industry, and 1,267 individuals were a part of the manufacturing industry.

Part F. Hazard Summary

The multiple recorded occurrences of excessive heat demonstrate potential threats this hazard poses to the county. Each occurrence has the potential to affect the county's economy, natural resources, and population. Additionally, when an event coincides with a drought it will greatly increase the likelihood of wildfires. The potential devastation of these this hazard when occurring in conjunction with other hazards, illustrates the need for mitigation activities designed to lessen the impact of occurrences.

Section VII. Natural Hazard Event-Drought

Part A. Hazard Identification

According to the National Oceanic and Atmospheric Administration, drought is a deficiency of moisture that results in adverse impacts on people, animals, or vegetation over a sizeable area. One of the most important characteristics of drought conditions is the length of time that a drought persists. Droughts lasting 1 to 3 months are considered short term, while droughts lasting 4 to 6 months are considered intermediate and droughts lasting longer than 6 months are long term. Drought is also a key factor in wildfire development, establishing the dry conditions necessary to make natural fuels, such as grass, brush, trees and dead vegetation, more fire prone.

According to the 2019 Georgia Hazard Mitigation Strategy plan, drought is a normal, recurrent feature of climate consisting of a deficiency of precipitation over an extended period (usually a season or more). This deficiency results in a water shortage for some social or environmental sector. Drought should be judged relative to some long-term average condition of balance between precipitation and evapotranspiration in an area that is considered "normal". The impacts of drought are vast and include limited water supplies in urban areas, insufficient water for farmland, and the loss of crops for farmers. Drought can also impact the local economy within communities.

Part B. Hazard Profile

Location

The 2019 Georgia Hazard Mitigation Strategy plan states that droughts occur in virtually every climatic zone (on every continent). Because the impacts of drought conditions are largely dependent on the human activity in the area, the spatial extent of droughts can span a few counties to an entire country. Temporal characteristics of droughts are drastically different from other hazards due to the possibility of extremely lengthy durations as well as a sluggish rate of onset. Drought conditions may endure for years to decades and therefore have a high potential to cause devastation in a given area.

Since drought is a non-spatial hazard and has the potential to affect the entire county, it constitutes a significant threat to the prosperity and safety of the residents of Emanuel County. The presence of a drought affects the county in several different ways: the destruction of agriculture, depleted drinking water supply, and increases the potential of wildfires. Much of Emanuel County is made up of forest, agriculture, and woodlands which are all directly impacted by drought conditions. The adverse effects of an extended period of drought can affect all portions of the county, including within the municipalities.

According to the 2017 Census of Agriculture, there are 465 farms in Emanuel County. Additionally, these farms make up 138,527 acres of land within Emanuel County. While drought is a non-spatial hazard which can occur and affect all portions of the county, land that is dedicated to agriculture are the most prone to damages caused by drought.

Extent

The *United States Drought Monitor* assigns five classifications to measure drought categories. Each category is determined, based on range, of conditions measured in the Palmer Drought Severity Index, The Climate Prediction Center's Soil and Moisture Model (percentiles), the United States Geological Survey's Streamflow (percentiles), the Standardized Precipitation Index, and the Objective Drought Indicator Blends (percentiles).

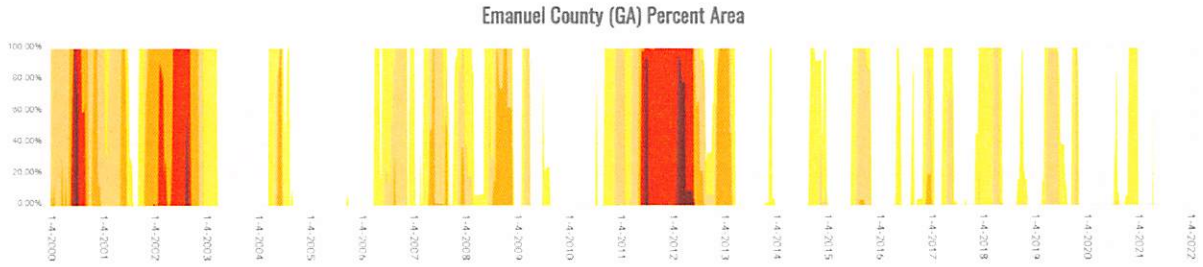
The classifications for level of drought measure the severity of drought conditions and are represented from *D0*, representing a minor level of damage and severity ascending to *D4*, representing maximum level of damage and severity. The classifications of measurement for severity of drought conditions according to the USDM are as follows: D0 - Abnormally Dry, D1- Moderate Drought, D2-Severe Drought, D3- Extreme Drought, and D4 -Exceptional Drought. Table 2.7 shows the classifications of drought measures used by the United States Drought Monitor and what the possible impacts are. Below, Figure 2.7 displays a sequence of different drought categories between the years of 2000 and 2020. Similarly, Figure 2.8 displays a sequence of drought categories between the years of 2013 and 2020.

Table 2.7: U.S. Drought Monitor Classifications

Category	Description	Possible Impacts
D0	Abnormally Dry	Going into drought: short-term dryness slowing planting, growth of crops or pastures. Coming out of drought: some lingering water deficits, pastures or crops not fully recovered
D1	Moderate Drought	Some damage to crops, pastures. Streams, reservoirs, or wells low. Some water shortages developing or imminent. Voluntary water-use restrictions requested.
D2	Severe Drought	Crop or pasture losses likely. Water shortages common. Water restrictions imposed.
D3	Extreme Drought	Major crop/pasture losses. Widespread water shortages or restrictions
D4	Exceptional Drought	Exceptional and widespread crop/pasture losses. Shortages of water in reservoirs, streams, and wells creating water emergencies.

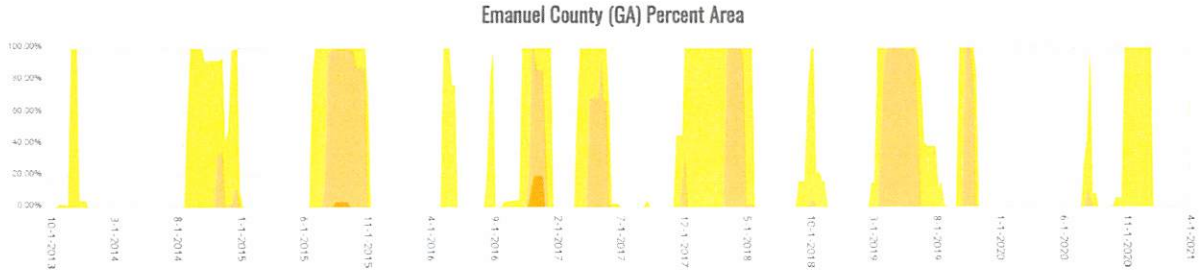
Source: https://droughtmonitor.unl.edu/About/AbouttheData/DroughtClassification.aspx

Figure 2.7: Drought Time Series 2000-2020



Source: https://droughtmonitor.unl.edu/About/AbouttheData/DroughtClassification.aspx

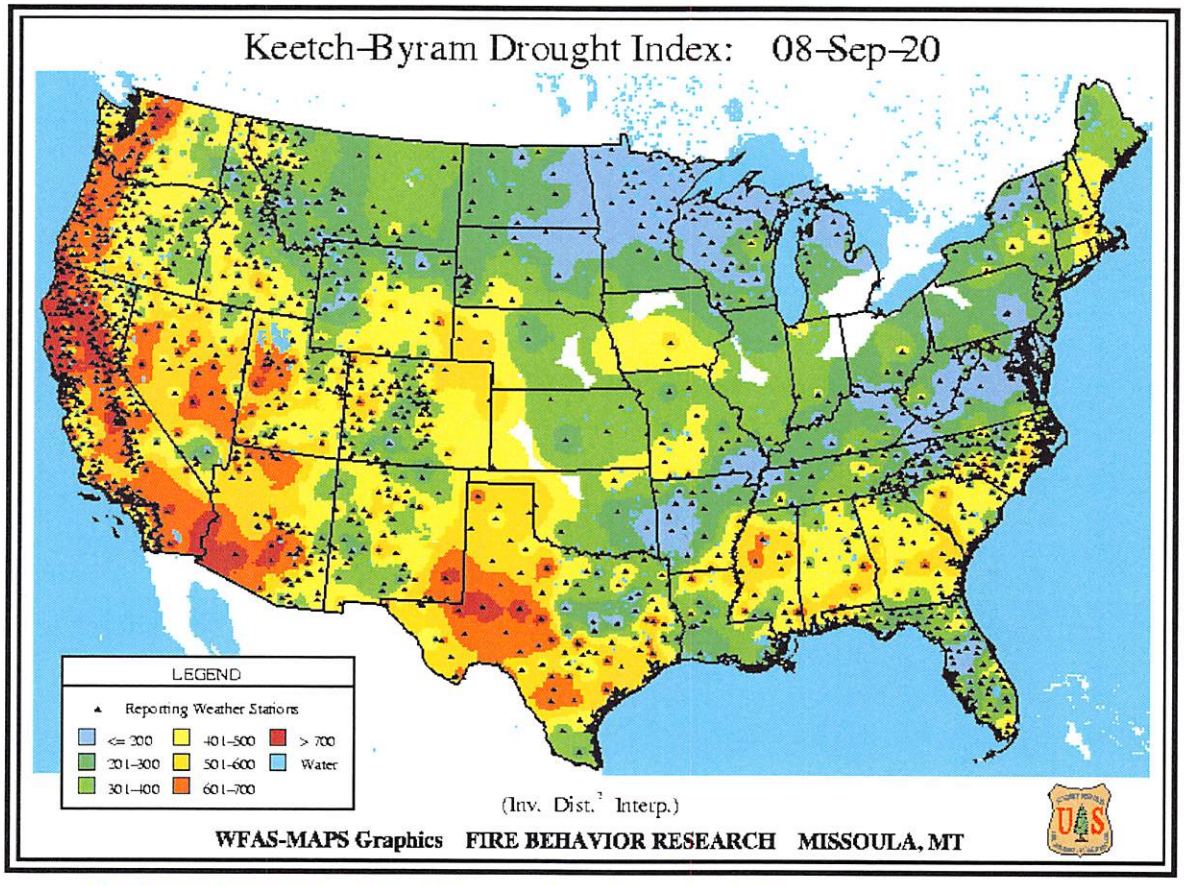
Figure 2.8: Drought Time Series 2013-2020



Source: https://droughtmonitor.unl.edu/About/AbouttheData/DroughtClassification.aspx

The Keetch-Byram drought index (KBDI) is intended to measure the risk of wildfires occurring in a drought-stricken area and in doing so provides a measurement of the extent of a drought. The KBDI attempts to gauge the precipitation needed for the soil to return to full moisture capacity. The number represents the net effect of evapotranspiration (the combined amount of evaporation and transpiration) and precipitation in producing cumulative moisture deficiency in upper soil layers. Zero is the point of no moisture deficiency and 800 is the maximum drought that is possible. The higher the number the worse drought and the higher risk of wildfire. Along the scale, the index numbers provide the amount of net rainfall that is required to reduce the index to zero, or saturation conditions. Therefore, Emanuel County could fall anywhere on the index between 200 and 800 KBDI. Figure 2.9 shows the Keetch-Byram Drought Index.

Figure 2.9: Keetch Byram Drought Index



Source: http://www.wfas.net/index.php/keetch-byram-index-moisture--drought-49

KBDI = 0 - 200: Soil moisture and large class fuel moistures are high and do not contribute much to fire intensity. Typical of spring dormant season following winter precipitation.
KBDI = 200 - 400: Typical of late spring, early growing season. Lower litter and duff layers are drying and beginning to contribute to fire intensity.
KBDI = 400 - 600: Typical of late summer, early fall. Lower litter and duff layers actively contribute to fire intensity and will burn actively.
KBDI = 600 - 800: Often associated with more severe drought with increased wildfire occurrence. Intense, deep burning fires with significant downwind spotting can be expected. Live fuels can also be expected to burn actively at these levels

History

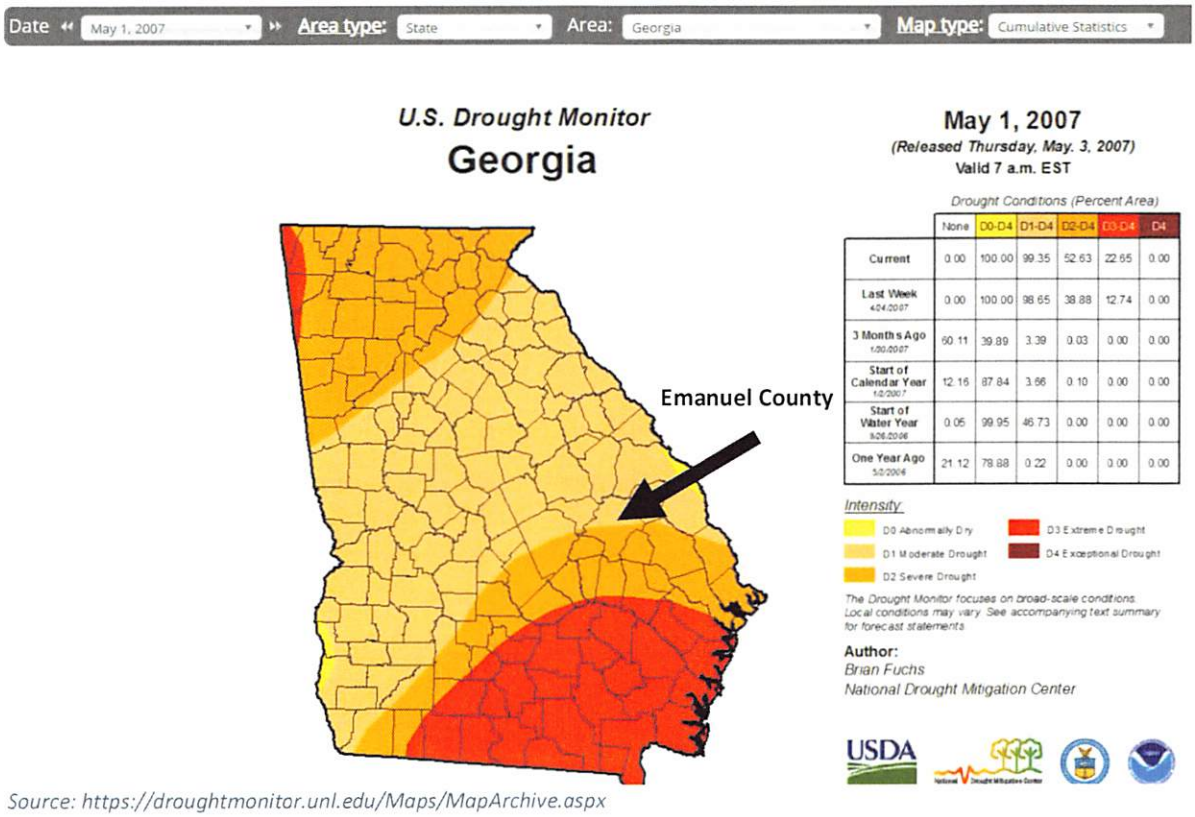
According to NCDC data, since 1950 there have been 24 NCDC recorded droughts in Emanuel County. It should be noted that it possible that the records and reporting are incomplete and that there may have been more droughts within the county throughout history.

In addition, FEMA records show that there was a FEMA declared emergency in July of 1977. This drought affected the majority of Georgia including Emanuel County. There are no records for the crop damage caused by this drought in Emanuel County.

Since the implementation of the 2015 Emanuel County Hazard Mitigation Plan, there have been 2 newly recorded droughts in Emanuel County. These droughts occurred on November 1st, 2016 and December 1st, 2016.

In 2007, the NCDC reports there having been drought conditions throughout the majority of the year, recording five separate occurrences; May, September, October, November, and December; that can actually be taken as one continuous state of drought. During this time much of the state was similarly afflicted, with 74 Georgia counties classified as being in extreme drought, 79 counties in severe drought, and six in moderate drought. Emanuel County was classified as being in severe drought. Many local lakes, wells, and streams were noticeably at low water levels. In addition, the damage done to summer and early fall crops was devastating. Though local crop damage is unavailable, the state as a whole suffered $787.2 million in losses.

Figure 2.10: USDM Map May 1, 2007



Source: https://droughtmonitor.unl.edu/Maps/MapArchive.aspx

Probability

As stated above, in the last 70 years there have been 24 recorded droughts at various levels and one FEMA declared emergency from a drought event in Emanuel County. This creates a total of 25 droughts within Emanuel County. The current chance per year that a drought can occur is 35.71%, as noted in the Hazard Frequency Table (Appendix D, II). For the last 10 years the frequency per year is 0.3 and for the last 20 years the frequency is 1.05. Additionally, for the last 50 years the frequency per year is 0.5 and the historic recurrence interval is 2.80 years. Therefore, it can be concluded that the likelihood of droughts occurring on an annual or biannual basis is "Highly likely."

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The Emanuel County Joint Hazard Mitigation Plan Update Committee concluded that drought presents no direct threat to the critical facilities. However, wildfire, because of drought, was considered, and the Committee determined that in this manner the hazard poses a significant threat to the county.

In addition, it is important to consider that drought impacts residents, public health, and agriculture. A drought reduces the amount of available water in area and since most homes and businesses draw from underground water sources, they are dependent upon its availability. Therefore, all residents of Emanuel County (22,499) are at risk from the impact of a drought. (See Worksheet 3A in Appendix III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

For an estimate of potential losses due to drought it seems most appropriate to focus upon agriculture. Agricultural crops are most directly affected by drought, and their loss can result in a significant economic burden on the local economy. According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. To see an estimate of potential losses from a wildfire please refer to Section V of this chapter.

Part D. Land Use and Development Trends

There are no specific trends concerning drought in the county comprehensive plan. Future land use maps cannot address the threat of natural non-spatial occurrences including drought. However, the addition or growth of any new structures that is agricultural related has the potential of being vulnerable to and affected by drought.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's

population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout ger and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

Part E. Multi-Jurisdictional Concerns

All of Emanuel County could potentially be affected by drought conditions, due to its effect on the water supply and wildfire conditions. However, since most of the county farms and agriculture is located outside the city boundaries there is the greater risk for crop damage and direct economic loss in those areas. Additionally, the potential for wildfires from drought is greater in the unincorporated parts of the county. The City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. The City of Swainsboro has a total of ten wells and three water towers. If an episode of drought were to occur and these wells were to dry up, the community would be faced with a potential loss of water. This water shortage would impact the livelihood of residents.

The second largest municipality in Emanuel County is the City of Twin City. Twin City has a total population of 1,860 residents. In addition, Twin City contains a total of 23 critical facilities. The City has one well. If the well were to dry up during an episode of drought, the water shortage could severely impact the community and the lives of residents.

The third largest municipality in Emanuel County is Oak Park. Oak Park has a total of 647 residents. In addition, Oak Park contains four critical facilities. One of these critical facilities is a well, and another is a water storage tank. If damage were to occur to these facilities during a drought, the City could face a water shortage which would impact the lives of residents and visitors.

The fourth largest municipality in Emanuel County is the City of Adrian. The total population in the City of Adrian is 558. Adrian contains a total of 12 critical facilities. Two of these facilities are wells and two others are water storage tanks. If damage were to occur to these facilities during a drought, the City could face a water shortage which would impact the lives of residents and visitors.

The City of Stillmore is the fifth largest municipality in Emanuel County with a total population of 535 residents. Stillmore contains a total of 13 critical facilities. Three of these facilities are wells and one is a water storage tank. If damage were to occur to these facilities during a drought, the City could face a water shortage which would impact the lives of residents and visitors.

Summertown is the sixth largest municipality in Emanuel County. The total population of Summertown is 180 residents. Summertown contains one critical facility. This critical facility is a well. If the well were to dry up during a drought or were to be damaged, the community could face severe consequences.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents. The City of Nunez contains a total of three critical facilities. Two of these facilities are wells and one is a water storage tank. If these critical facilities were to be damaged, there could be severe impacts for the community if an episode of drought were to occur.
The smallest municipality in Emanuel County is the City of Garfield. The total population in Garfield is 142. The City of Garfield contains a total of seven critical facilities. Two of these facilities are wells and one is a

water storage tank. If these critical facilities were to be damaged, there could be severe impacts for the community if an episode of drought were to occur.

It should also be noted that in the unincorporated areas of the county, some residents may rely on their own personal wells for water supply, and so if a drought were to occur within the county, these residents would be affected as well.

Part F. Hazard Summary

Drought has the potential to cause great economic damage to both Emanuel County and to the state. In addition to the threat of economic interests, droughts can cause increased wildfires, public health issues, and reduce the water quality/supply. In the future, the update committee and its partners will make a concerted effort to implement the actions included in this plan to lessen the impact of drought on the county's resources and residents.

Section VIII. Natural Hazard Event-Flooding/Dam Failure

Part A. Hazard Identification

Flooding: A flood is a natural event for rivers and streams. Excess water from rainfall or storm surge accumulates and overflows onto the banks and adjacent floodplains. Floodplains are considered lowlands, adjacent to rivers and oceans that are subject to recurring floods. Adverse impacts may include structural damages, temporary backwater effects in sewers and drainage systems, and unsanitary conditions by deposition of materials during recession.

There are generally two types of flooding: coastal and riverine. Since Emanuel County does not border an ocean coast it is only susceptible to riverine flooding. Riverine flooding occurs from inland water bodies such as streams and rivers. Riverine flooding is often classified based on rate of onset, and is typically slow to rise, overflow, and recede, which often allows an adequate amount of time to evacuate the area. The likelihood of a stream or river flooding is dependent upon several factors including topography, ground saturation, the intensity and duration of rainfall, soil type, drainage, erosion, and vegetation. In recent years, floods, and the damage they cause, have remained a threat to areas of Emanuel County.

Floods may occur at any time, in many cases without warning, and their effects can range from minor inconvenience to wholesale destruction. Floods are most often caused by heavy rains associated with thunderstorms, hurricanes, or tropical storms. Flooding can result from a rise in the level of a body of water such as a river or a lake, or from rain falling faster than it can be absorbed by the ground (especially under weather conditions that make soil less pervious, for example after a period of drought). Flooding frequently occurs in urban areas when a large amount of rain, above the capacity of the urban drainage system, falls on impervious surfaces such as streets, buildings, and parking lots. Flooding can also result from the failure of man-made structures such as levees and dams.

Flash floods are floods that occur in short timespans, often so quickly that people are caught off-guard. Flash floods can occur because of any of the causes mentioned above but are most often due to extremely heavy rainfall from thunderstorms. More information is available at the National Weather Service https://www.weather.gov/phi/FlashFloodingDefinition.

According to the National Weather Service more deaths occur each year due to flooding than from any other thunderstorm-related hazard. The Centers for Disease Control and Prevention report that over half of all flood-related drownings occur when a vehicle is driven into hazardous flood water. The next highest percentage of flood-related deaths is due to walking into or near flood waters. People underestimate the force and power of water. Many of the deaths occur in automobiles as they are swept downstream. Of these drownings, many are preventable, but too many people continue to drive around the barriers that warn you the road is flooded. A mere 6 inches of fast-moving flood water can knock over an adult. It takes just 12 inches of rushing water to carry away a small car, while 2 feet of rushing water can carry away most vehicles. It is never safe to drive or walk into flood waters.
(Source: http://tadd.weather.gov/)

Flooding has occurred in different locations throughout Emanuel County. In addition to the Altamaha and Ocmulgee Rivers, there are many creeks that flow throughout the county that have the potential to flood.

Dam Failure: By definition, a dam is a barrier used to prevent the flow of a liquid; esp., a bank of earth, or wall of any kind, as of masonry or wood, built across a water source, to confine and keep back flowing water. In the event of failure, a dam could release tremendous amounts of water, engulfing and destroying structures that lie in the flow zone area.

Dam failure, as defined by FEMA, is a catastrophic type of failure characterized by the sudden, rapid, and uncontrolled release of impounded water or the likelihood of such an uncontrolled release It is recognized that there are lesser degrees of failure and that any malfunction or abnormality outside the design assumptions and parameters that adversely affect a dam's primary function of impounding water is properly considered a failure. These lesser degrees of failure can progressively lead to or heighten the risk of a catastrophic failure. They are, however, normally amenable to corrective action.

As defined by the Georgia Safe Dams Act and Rules for Dam Safety (Act and Rules), a "dam" is any artificial barrier that impounds or diverts water which is 25 feet or more in height OR has a maximum impounding capacity of 100 acre-feet or more. In Georgia, the Safe Dams Program (SDP) receives its legal authorization from OCGA§12-5-370 to 12-5-385 which is the Georgia Safe Dams Act. The Safe Dams Program is responsible for developing and maintaining an inventory of dams, classifying dams, and ensuring compliance of all regulated dams.

The three main classifications of dams described in the Georgia Safe Dams Act and Rules for Dam Safety (Georgia Safe Dams Program) are "Category I", "Category II", and "Exempt". To be considered a Category I dam, the improper operation or failure would result in a probable loss of human life. The Georgia Safe Dams Act requires permits for these projects. Dams that meet the height and/or storage criteria but would not cause probable loss of life are classified Category II. Category II are those dams where no occupied structure has been identified to be in the dam failure zone. Exempt structures include any dam that is licensed by the Federal Energy Regulatory Commission, structures constructed as part of EPD approved surface mining, any dam owned by the United States Government, any structure that is not greater than 25 feet in height and impounds less than 100 acre-feet of water, any structure that is not greater than 6 feet in height regardless of storage volume, and any structure that impounds less than 15 acre-feet regardless of height. Permits are not required for Category II or exempt structures. Only Category I dams are regulated. The Safe Dams Program is also responsible for ordering enforcement actions be taken against owners who do not comply with the Act and Rules.

Part B. Hazard Profile

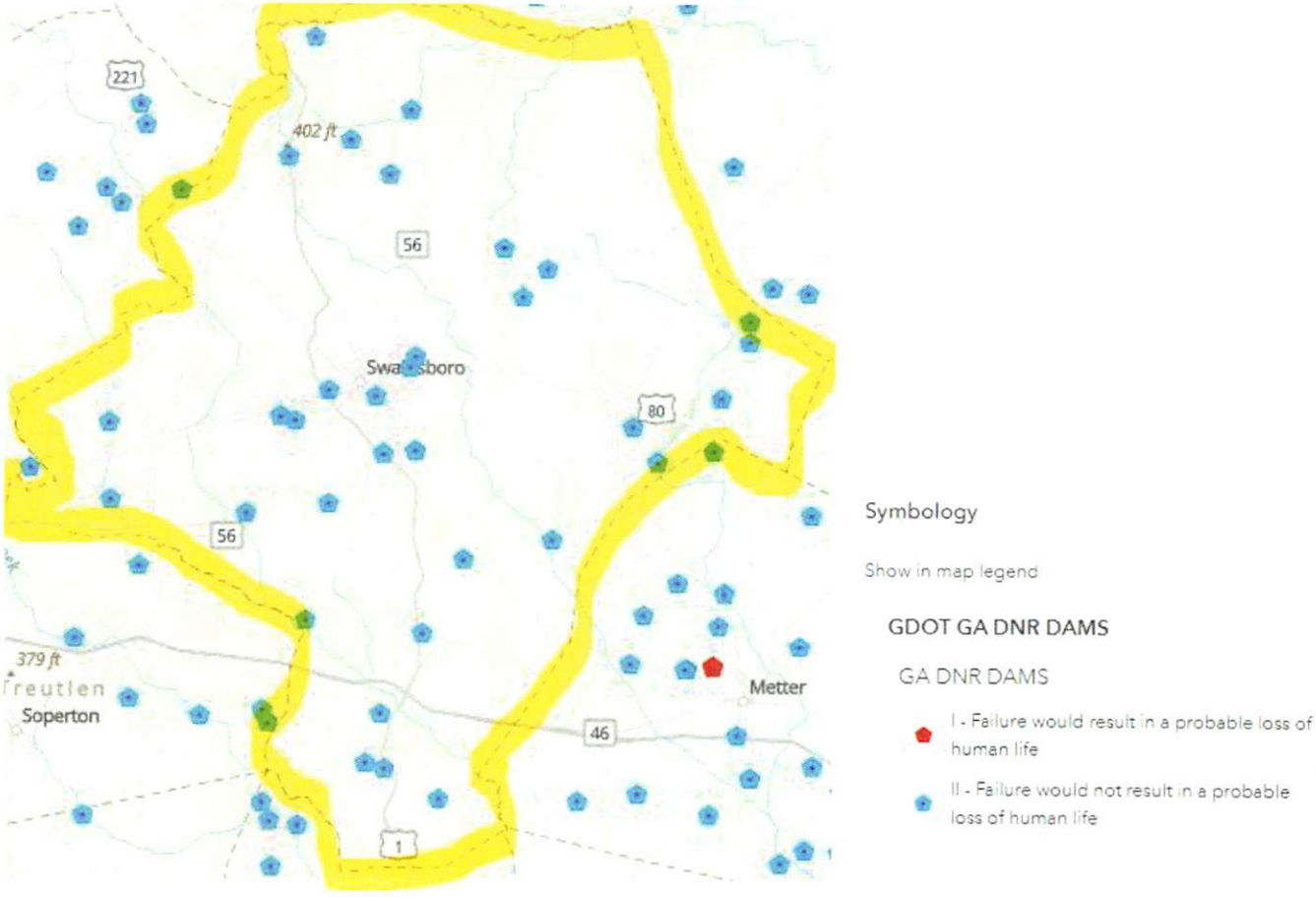
Location

Most of the flooding that occurs within the county is localized and largely caused by periods of prolonged rainfall. Flooding has occurred in different locations throughout Emanuel County. There are many creeks and streams that flow throughout the county that pose a potential threat of flooding. Many of these areas contain various agricultural, industrial, and commercial resources that can suffer water damage.

There are several flood zones in Emanuel County with the largest area found along the Ogeechee River, which is located on the entire northern border of the county. In addition, the Ohoopee River (southern county border), Crooked Creek, Huges Prong, Canochee Creek, Yam Grandy Creek, along with several other creeks in the unincorporated areas of the county, including tributaries to the Ogeechee River, are capable of flooding, as noted on the flood map. This area has a GMIS score of 3. Additionally, the GMIS system classifies the Cities of Swainsboro, Summertown, Stillmore, Oak Park, Nunez, Adrian, Twin City, and Garfield, with a Hazard Score of zero or three. The remaining portions of the county also have a score of zero or three. Seven critical facilities received a GMIS hazard score of three, while the remaining critical facilities received a score of 0. The GMIS Map and Flood Zone map can be found in Appendix A, VIII.

The Georgia Safe Dams Programs lists 34 dams in Emanuel County. These dams are scattered throughout both the incorporated and unincorporated portions of the county. The three main classifications of dams assigned in the Georgia Safe Dams Program are "Category I", "Category II", and "Exempt" (as mentioned above). In Emanuel County, the Georgia Safe Dams Database identifies all 34 dams as being "Category II". Figure 2.11 shows a location map for the dams located in Emanuel County.

Figure 2.11: Location of Dams in Emanuel County, GA



Source: https://arcgis.com/apps/mapviewer/index.html, Data downloaded from the Safe Dams Program 8/31/2017.

Extent

The 2010 Flood Insurance study for Emanuel County developed flood-risk data for various areas of the community in its efforts to promote sound flood plain management. The Digital Flood Insurance Rate Map (DFIRM) and FIS report were produced and provided in digital format so that it may be incorporated into a local GIS and accessed more easily by the community. (Flood Insurance Study, Appendix C)

According to FEMA, flood hazard areas identified on the Flood Insurance Rate Map are identified as a Special Flood Hazard Area (SFHA). SFHA are defined as the area that will be inundated by the flood event having a 1-percent chance of being equaled or exceeded in any given year. The 1-percent annual chance flood is also referred to as the base flood or 100-year flood. SFHAs are labeled as Zone A, Zone AO, Zone AH, Zones A1-A30, Zone AE, Zone A99, Zone AR, Zone AR/AE, Zone AR/AO, Zone AR/A1-A30, Zone AR/A, Zone V, Zone VE, and Zones V1-V30. Moderate flood hazard areas, labeled Zone B or Zone X (shaded) are also shown on the FIRM, and are the areas between the limits of the base flood and the 0.2-percent-annual-chance (or 500-year) flood. The areas of minimal flood hazard, which are the areas outside the SFHA and higher than the elevation of the 0.2-percent-annual-chance flood, are labeled Zone C or Zone X (unshaded). Flood zones, as defined by FEMA, are described in the Table 2.8.

Table 2.8: FEMA Flood Zones

Zone	Zone Descriptions
A	Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas, no depths or base flood elevations are shown within these zones.
AH	Areas with a 1% annual chance of shallow flooding, usually in the form of a pond, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
AO	River or stream flood hazard areas, and areas with a 1% or greater chance of shallow flooding each year, usually in the form of sheet flow, with an average depth ranging from 1 to 3 feet. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Average flood depths derived from detailed analyses are shown within these zones.
A1-A30	These are known as numbered A Zones (e.g., A7 or A14). This is the base floodplain where the FIRM shows a BFE (old format).
A99	Areas with a 1% annual chance of flooding that will be protected by a Federal flood control system where construction has reached specified legal requirements. No depths or base flood elevations are shown within these zones.
AE	The base floodplain where base flood elevations are provided. AE Zones are now used on new format FIRMs instead of A1-A30 Zones.
AR	Areas with a temporarily increased flood risk due to the building or restoration of a flood control system (such as a levee or a dam). Mandatory flood insurance purchase requirements will apply, but rates will not exceed the rates for unnumbered A zones if the structure is built or restored in compliance with Zone AR floodplain management regulations.
V	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. No base flood elevations are shown within these zones.
V1-V30	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
VE	Coastal areas with a 1% or greater chance of flooding and an additional hazard associated with storm waves. These areas have a 26% chance of flooding over the life of a 30-year mortgage. Base flood elevations derived from detailed analyses are shown at selected intervals within these zones.
B	Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods. Are also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.
C	Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.
D	Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.
X Shaded	Area of moderate flood hazard, usually the area between the limits of the 100-year and 500-year floods. Are also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than 1 square mile.
X Unshaded	Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.

Source: https://hazards.fema.gov/onlinelomc/ext/Help/loadInstructions)

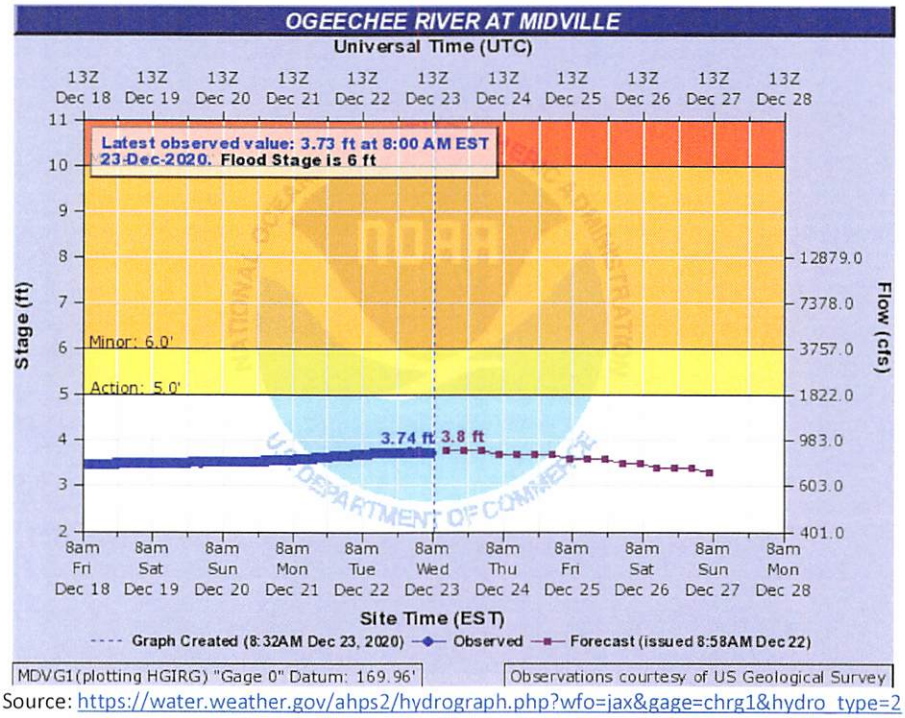
In order to provide a measurement of extent for flood events in Emanuel County HAZUS Software was used to create a flood depth grid for the county, however a flood depth grid for each jurisdiction was not available. A flood depth grid allows us to estimate the height that flood waters would reach. The flood depth grid was generated based on a 100-year flood scenario. The depths ranged from a Low of approximately 0 ft. to a High of 13.8 ft. The deepest areas were found in the unincorporated portions of the county, especially along the Ohoopee and Ogeechee Rivers where development is minimal. Within the City of Oak Park, the highest projected level is approximately 13 feet and is located in an area of the city with no development with the exception of the US Highway 1 Bridge. The City of Swainsboro has minimal flood depth ranging between ten to twelve feet. Although a flood of this height could cause some structure and property damage, the majority of the city would most likely be unaffected. (To view the flood depth grid, please see Appendix A, VIII). Emanuel County, Swainsboro, and Twin City are each members of the National Flood Insurance Program (NFIP), Oak Park, Adrian, Summertown, Stillmore, Garfield, and Nunez currently do not anticipate active participation in the NFIP. These cities do not wish to adopt flood plain ordinances at this time which would be required through NFIP regulations. Emanuel County, Swainsboro, and Twin City remain in compliance with the NFIP through flood plain ordinances. The ordinances for each jurisdiction are enforced by the Floodplain Administrator of Emanuel County.

In hydrology, the crest is the highest level above a certain point that a river will reach in a certain amount of time. The crest is the level at which a river peaks before it goes down. Figure 2.12 shows 10 historic crests for the Ogeechee River at Midville.

Figure 2.12: Historic Crests for Ogeechee River Near Midville

Flood Categories (in feet)	
Major Flood Stage:	13
Moderate Flood Stage:	10
Flood Stage:	6
Action Stage:	5

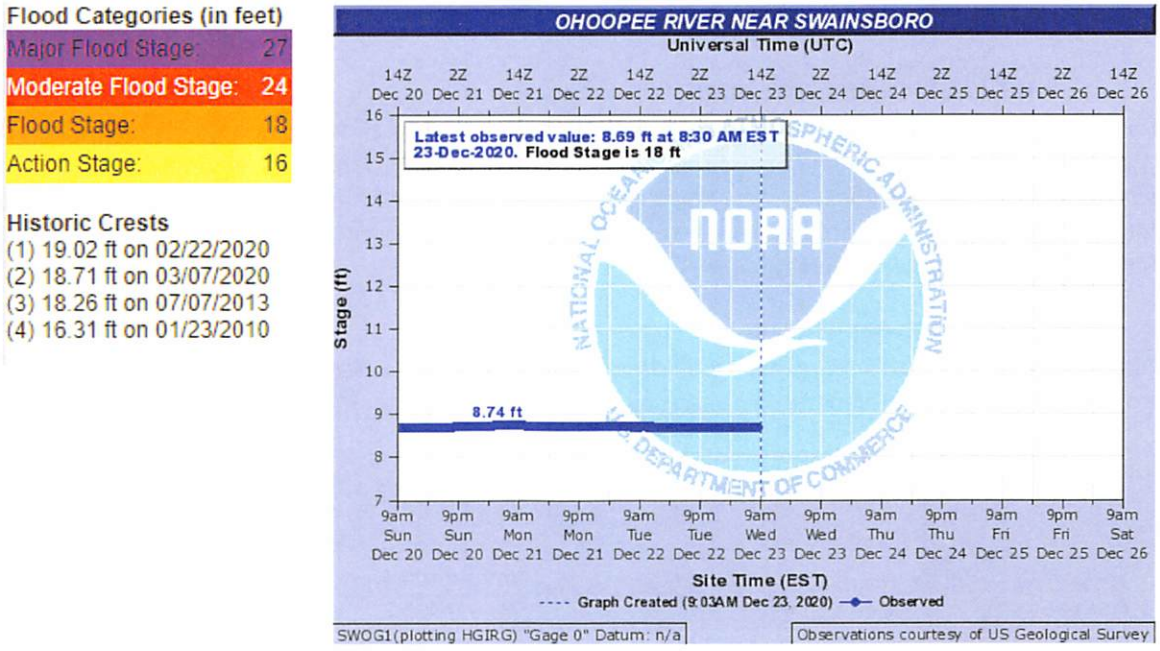
Historic Crests
(1) 12.41 ft on 10/01/1929
(2) 12.20 ft on 10/13/1990
(3) 11.00 ft on 01/01/1925
(4) 10.40 ft on 03/08/1929
(5) 9.90 ft on 08/14/1940
(6) 9.70 ft on 08/19/1928
(7) 9.40 ft on 03/25/1944
(8) 9.10 ft on 03/07/1971
(9) 9.10 ft on 03/11/1936
(10) 8.97 ft on 02/22/1995



Source: https://water.weather.gov/ahps2/hydrograph.php?wfo=jax&gage=chrg1&hydro_type=2

Historic crests that occur at different flood stages are important to be aware of because of the impacts that flooding can have on a community. For example, at the Midville location, at 6 feet the access road into the River Bluff in Midville floods. The lower portion of Johnson Road near Herndon is also flooded. At 10 feet, water reaches the lower portion of Rogers Landing Road. At 12 feet, water reaches the bottom level of some homes along Rogers Landing Road. At 14.4 feet, the bottom floor of a home near the Highway 56 overpass in Midville is threatened. Additionally, at 17.7 feet, a gas station, and a portion of Highway 56 in Midville flood and adjacent businesses and warehouses are also affected.

Figure 2.13: Historic Crests for Ogeechee River Near Midville



Source: https://water.weather.gov/ahps2/hydrograph.php?wfo=ffc&gage=swog1

Above, Figure 2.13, shows four historic crests for a gage location near Swainsboro along the Ohoopee River. At this location near Swainsboro, at 16 feet bankfull conditions are reached upstream and downstream from the gage on Georgia Highway 297. At 18 feet, the flood stage is reached. Minor flooding of woodlands upstream and downstream from the gage on Georgia Highway 297. At 22 feet, minor flooding expands into the large flood plain and woodlands upstream and downstream from the gage on the Georgia Highway 297. At 24 feet, moderate flooding begins. Widespread flooding occurs of the large flood plain and woodlands upstream and downstream from the gage on Georgia Highway 297. The water level is around one foot below the bottom of the bridge. At 25 feet, the moderate flooding continues, and water levels reaches the bottom of the bridge, which may cause closure of the bridge. Additionally, at 27 feet, major flooding begins. Widespread inundation occurs of the large flood plain and woodlands upstream and downstream from the gage on the Georgia Highway 297. The water begins to cover portions of the highway. The bridge also begins to form an obstacle and act like a dam causing some backwater and erosion eddies to the sides of the bridge and will likely be closed.

The FEMA Hazard Potential Classification System for Dams is used in the National Dam Inventory. This system assigns a risk level to each dam based on the probable loss of human life and the potential for economic losses, environmental damage, and/or disruption to lifelines caused by failure of mis-operation of the dam or its appurtenances. The system considers the potential effects of a failure or mis-operation during both normal and flood flow conditions. There are three possible levels of hazard classification: Low, Significant and High.

1. LOW HAZARD POTENTIAL

Dams assigned the low hazard potential classification are those where failure or improper operation results in no probable loss of human life and low economic and/or environmental losses. Losses are principally limited to the owner's property.

2. SIGNIFICANT HAZARD POTENTIAL

Dams assigned the significant hazard potential classification are those dams where failure or mis-operation results in no probable loss of human life but can cause economic loss, environmental damage, disruption of lifeline facilities, or can impact other concerns. Significant hazard potential classification dams are often located in predominantly rural or agricultural areas but could be located in areas with population and significant infrastructure.

3. HIGH HAZARD POTENTIAL

Dams assigned the high hazard potential classification are those where failure or mis-operation will probably cause loss of human life.

Hazard Potential Classification	Loss of Human Life	Economic, Environmental, Lifeline
Low	None Expected	Low and generally limited to owner
Significant	None Expected	Yes
High	Probable, One or More Expected	Yes (but not necessary for this classification

History

As pointed out in the NCDC statistics (Appendix A, VIII) since 1970, floods were recorded seven times. Because the NCDC has recently been keeping up with the number of flood occurrences at the local level, the true number of floods that have occurred in the past 70 years is unknown. There has been one reported occurrence of flooding from dam failure within Emanuel County.

Since the previous plan, there has been one newly recorded flood and it was a result of dam failure. This flood occurred in Garfield on July 29th, 2018 and was the result of a dam failure. The Fire Chief reported failure of a small dam, that washed out a 20-foot section of Gray Mule Farm Road near Johnson Gay Road in Garfield. The dam was located about 0.45 miles northeast of the washout location, embedded within woods. Two people were injured when a pickup truck encountered the washed-out section of the road. One was air lifted to August with serious injuries. This event is the only occurrence of a dam failure reported for Emanuel County by the NCDC. This event caused $50,000 worth of damage.

Another flooding event occurred on June 11th, 2014. The Emanuel County Emergency Manager reported about 6 inches of measured rain occurred in two hours just east of Swainsboro. Several roads in town

including a shopping center parking lot on South Main Street had temporary street flooding and were closed. The heavy rain caused flooding in the basement of the county administrative building in Swainsboro. This event caused a reported $5,000 worth of property damage.

On May 6th, 2009, in an unincorporate portion of the county, the USGS gage on the Ogeechee River at Midville rose to the 6.0-foot flood stage during the evening. This caused backup of water and minor flooding on William Swamp Creek, Rocky Creek, and Daniels Creek, upstream from Ogeechee River at Midville. Minor flooding of lowlands adjacent to these creeks and streams occurred. Damage was confined to minor debris removal.

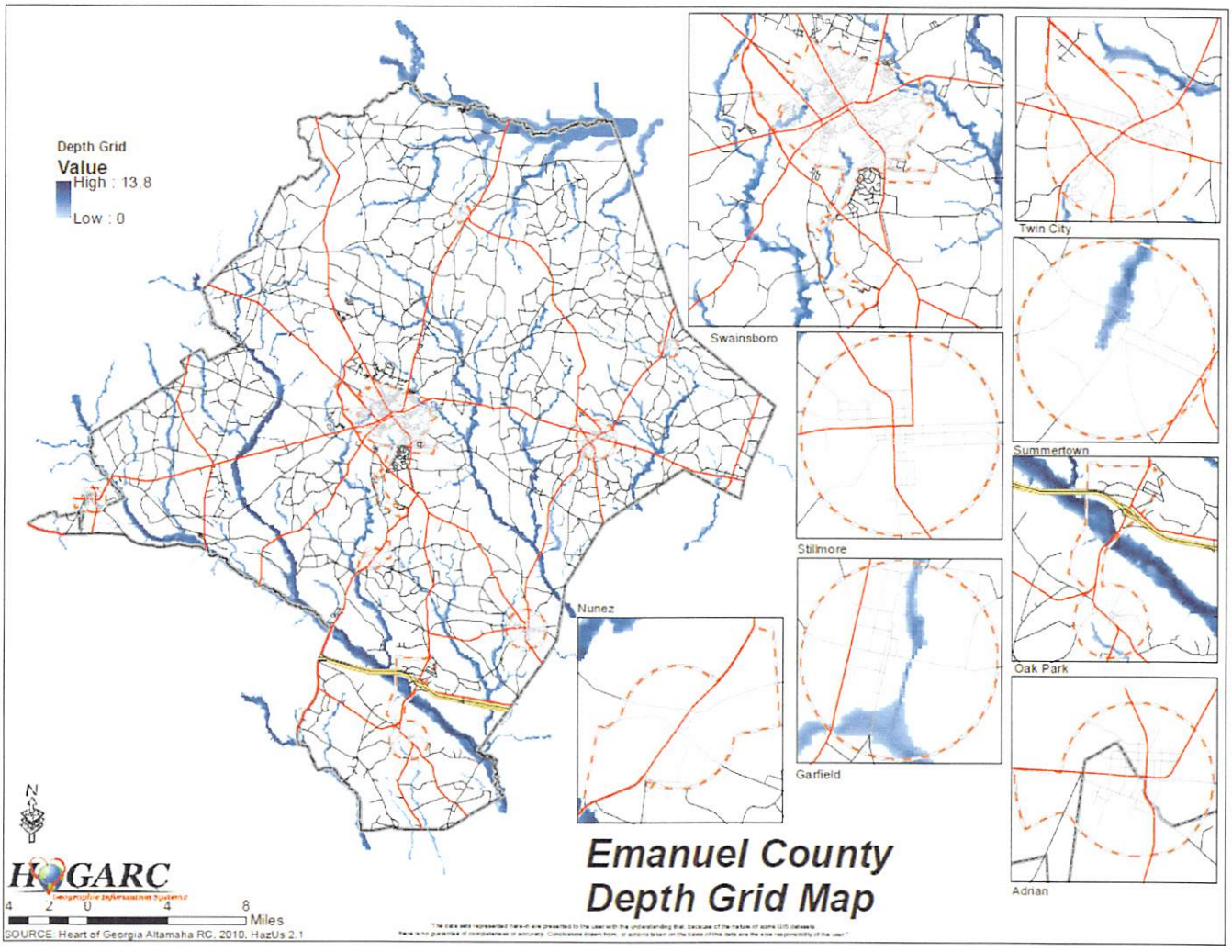
Additionally, on July 11th, 2008, the Emanuel County 911 Center reported that rainfall of four to six inches across eastern Emanuel county from near Modoc to southeast of Swainsboro resulted in flooding of Hughes Creek, a tributary of Canoochee Creek, caused flooding of several roads in the area. Canoochee Road was closed when at least a foot of swift moving water was flowing over the road. Georgia Highway 56, just north of Swainsboro, was also closed when at least eight inches of water was flowing over the road. Other roads were flooded in the area from lesser amounts of standing and/or flowing water, including Lambs Bridge Road. This event caused a reported $3,000 worth of property damage.

Another report of flooding occurred in Summertown on July 12th, 2000. This event started in Summertown and ended in the City of Nunez. During this event, the Emanuel County 911 Center reported street flooding.

After speaking with local jurisdictions, public work departments, and researching for news articles, there are no additional reports of flooding in the Cities of Adrian, Oak Park, Stillmore, or Twin City.

Figure 2.18 shows the Emanuel County Flood Depth Grid. A flood depth grid illustrates the flood depth, in feet, above the ground surface and can be easier to understand than flood elevations. The flood depth grid below shows that along the Ohoopee and Ogeechee Rivers in the unincorporated areas, is where the deepest flood depths can be found within the county. The grid also illustrates that flood depths within the Cities of Swainsboro, Summertown, Stillmore, Garfield, Oak Park, Nunez, Adrian, and Twin City. In these areas, the depth of floods is lower than compared to areas outside of city limits.

Figure 2.14: Emanuel County Flood Depth Grid Map



Probability

As stated above, in the last 70 years there have been seven recorded occurrences of flooding within Emanuel County. One of these events occurred because of a dam failure. The current chance per year that a flood can occur is 10%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years are 0.3 and 0.35, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.14, with a historical recurrence interval of 10 years. Based on the historical occurrence data it is "Highly Likely" to assume that a flood will occur within the next ten years.

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

The current chance per year that a flood can occur in Emanuel County due to dam failure is 1.43%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years are 0.1 and 0.05, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.02, with a historical recurrence interval of 70 years. Based on the historical occurrence data it is "Highly Unlikely" to assume that a flood from a dam failure will occur within the near future.

Since 1950, there has been a total of four floods recorded in the City of Swainsboro. The current chance per year that a flood will occur in Swainsboro is 5.71%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years is 0.4 and 0.2, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.08, with a historical recurrence interval of 17.50 years. Based on the historical occurrence data it is "Likely" to assume that a flood will occur within the next 10-25 years.

Since 1950, there has been one flood recorded in the City of Summertown. The current chance per year that a flood will occur in Summertown is 1.43%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years is 0.0 and 0.05, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.02, with a historical recurrence interval of 70 years. Based on the historical occurrence data it is "Highly Unlikely" to assume that a flood will occur within the near future.

Since 1950, there has been one flood recorded in the City of Nunez. This flood started in Summertown and ended in Nunez. The current chance per year that a flood will occur in Nunez is 1.43%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years is 0.0 and 0.05, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.02, with a historical recurrence interval of 70 years. Based on the historical occurrence data it is "Highly Unlikely" to assume that a flood will occur within the near future.

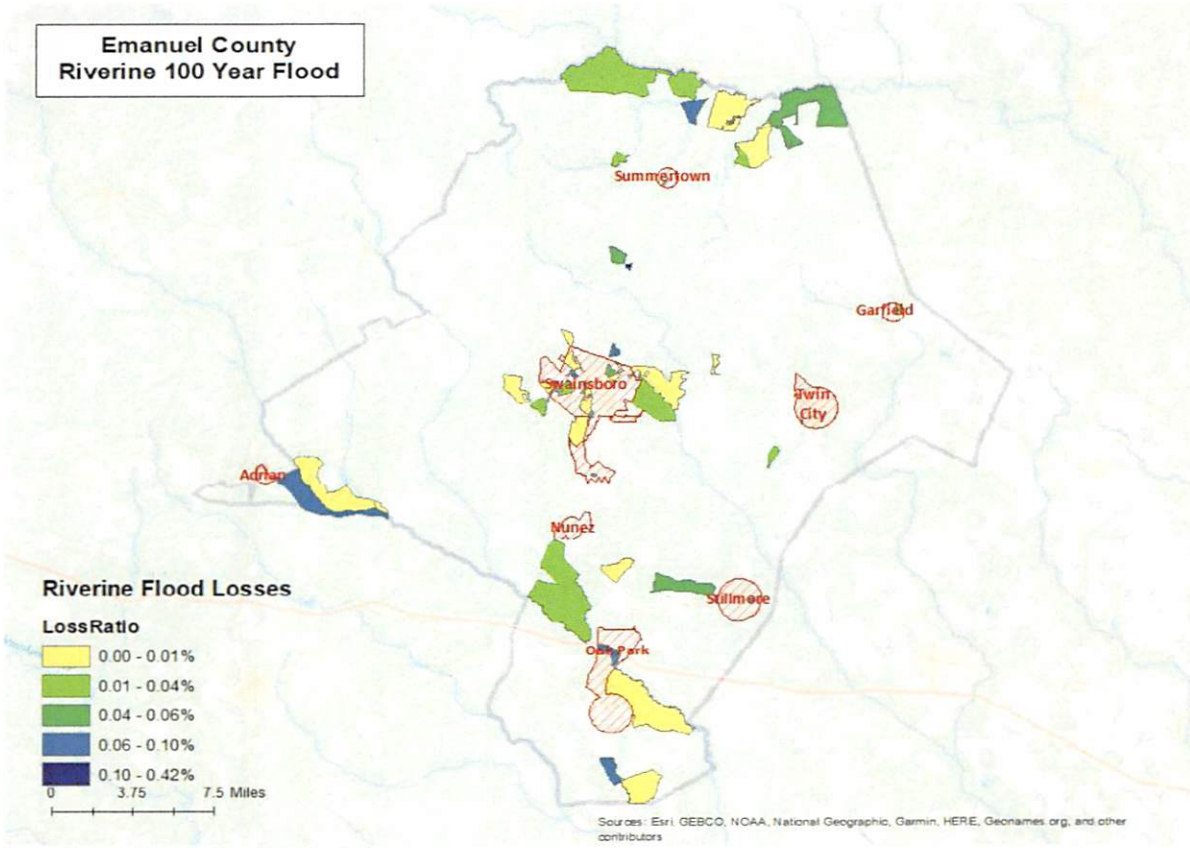
Since 1950, there has been one flood recorded in the City of Garfield. The current chance per year that a flood will occur in Garfield is 1.43%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally,

the annual frequency for the last 10 and 20 years is 0.1 and 0.05, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.02, with a historical recurrence interval of 70 years. Based on the historical occurrence data it is "Highly Unlikely" to assume that a flood will occur within the near future.

There is no other history of flooding that has occurred within other areas of Emanuel County (including the Cities of Adrian, Oak Park, Stillmore, and Twin City). There is also no other history of flooding occurring due to dam failure. Therefore, it can be assumed the probability of flooding in these areas is "Highly Unlikely" since there have been no reported incidences. It should be noted however, that because of the lack of reporting, the probabilities of flooding in each jurisdiction may actually be higher that what the current data shows.

Part C. Inventory Assets and Potential Losses

Through the use of the 2020 Hazard Risk Analyses, and updated tax structure information gained from the Emanuel County Tax Assessor's Office, the determination was made that 1.519% (446) of all structures in the county are at risk for flood damages from a projected riverine 1% flood scenario (see worksheet 3A in Appendix D:III and Appendix C for the 2018 Hazard Risk Analyses). It should be noted that worksheet 3A was not able to be broken down by each jurisdiction because the data was not readily available. The Tax Assessor was only able to provide data for the county as a whole. Of the structures located in the flood zones, there are 289 residential (3.6%), 81 Commercial (3.9%), 4 Industrial (2.6%), 29 agricultural (2.1%), and 17 religious/nonprofit (2.2%), 22 governmental (2.9%), and 4 educational facilities (1.6%). There are no known utility structures located within the flood zones which are at risk for flood damages from a projected riverine 1% scenario. These findings are illustrated in the image below:

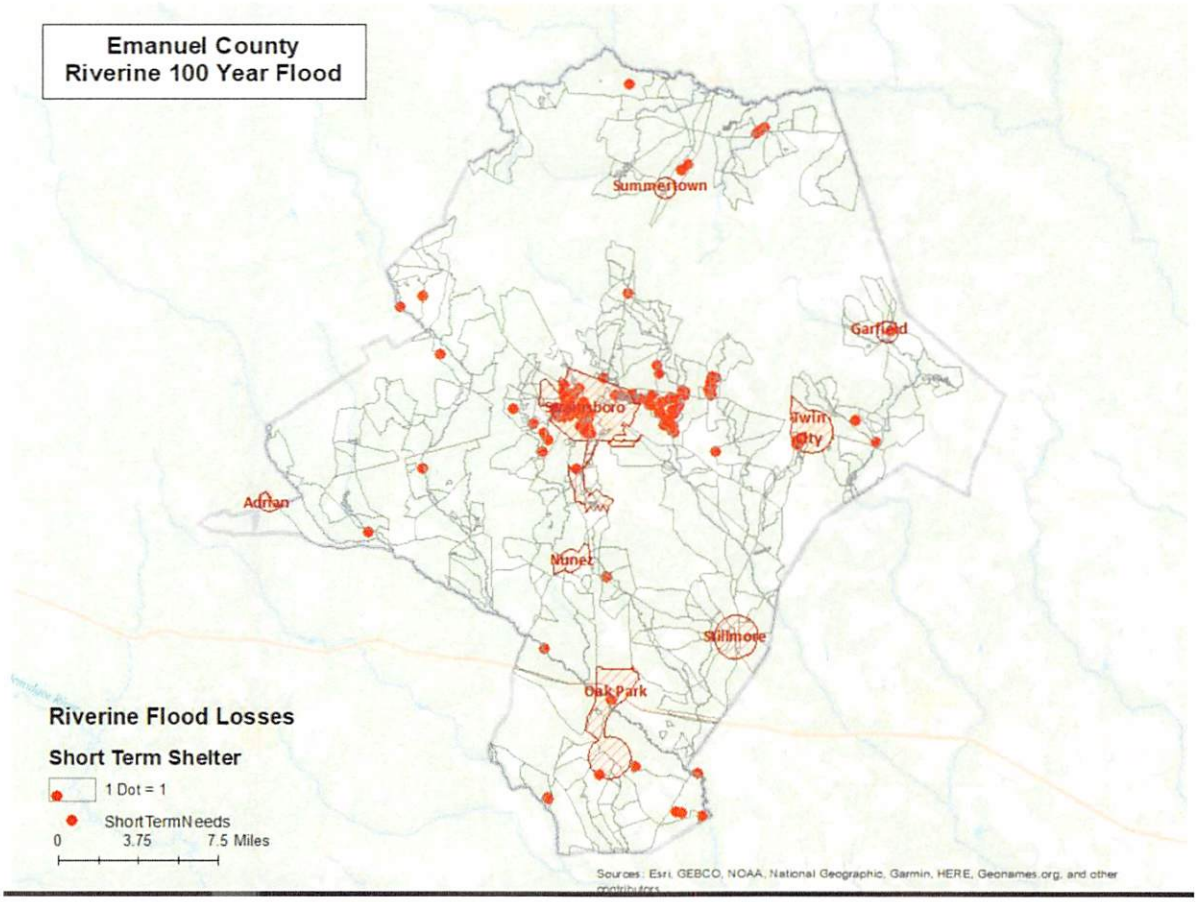


Source: Emanuel County Hazard Risk Analysis

The total value of all structures within flood zones is estimated to be $19,903,699 or 3.64% of the total value of structures in the county. The value of structure within flood zones by category are $12,005,821 residential, $3,389,609 commercial, $406,965 industrial, $1,498,816 agricultural, $405,717 religious or nonprofit, $1,917,687 government, and $279,081 education.

According to the Emanuel County's 2020 Hazard Risk Analysis assessing the scenario of a Riverine 100-year flood, results found that 0 essential facilities were subject to damage in the Emanuel County riverine 1% probability flood scenario.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on the Emanuel County Critical Facilities Map, the Emanuel County Flood Map, and the Emanuel County Land Use Map, which are in Appendix A:VIII. In this scenario, it is estimated that 337 households would be displaced from their homes due to riverine flooding and the associated potential evacuation. Displacements includes households evacuated within or very near the inundated area. Displaced households represent 1,012 individuals, of which 265 may require short term publicly provided shelter. The results are mapped in the image below:



Source: Emanuel Hazard Risk Analysis

The Hazard Risk Analyses estimates the amount of debris that will be generated by the projected riverine 1% scenario. The model breaks debris into three general categories:

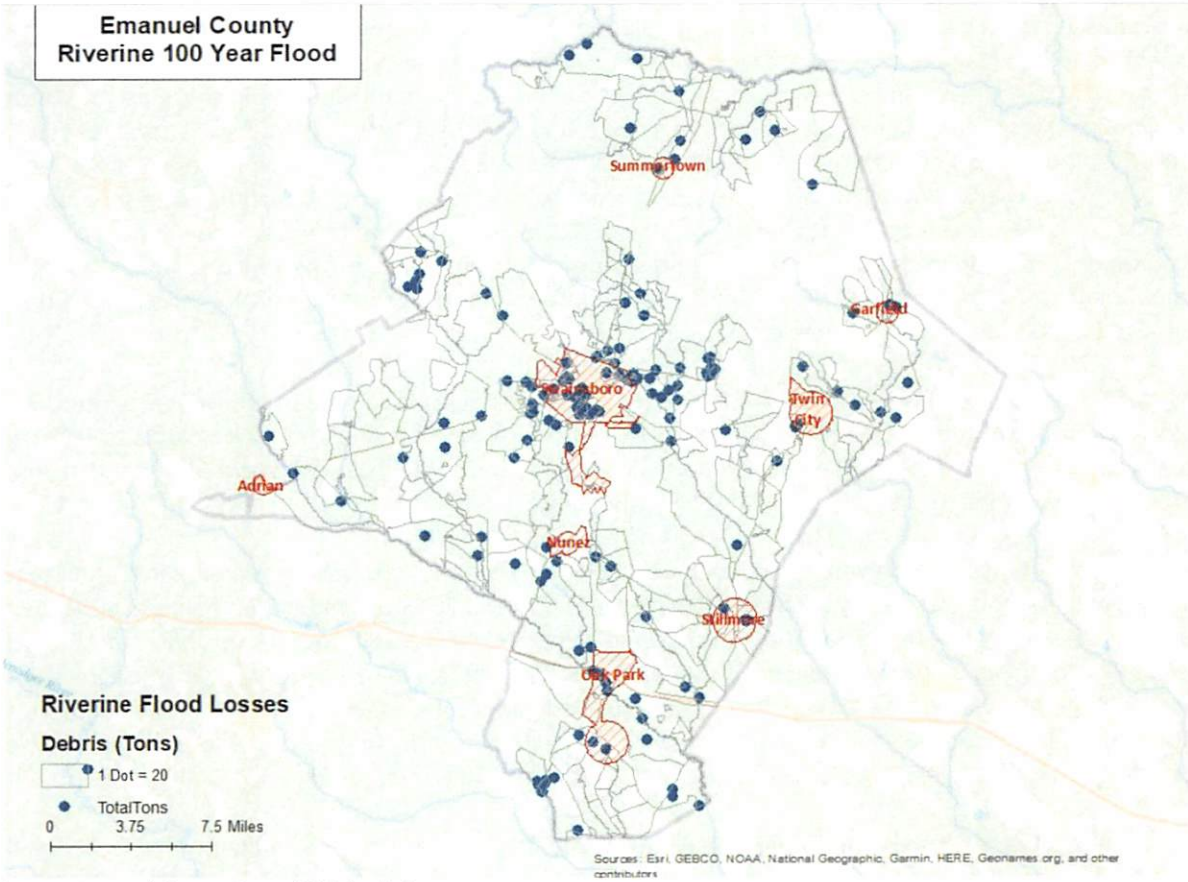
- Finishes (dry wall, insulation, etc.)
- Structural (wood, brick, etc.)
- Foundations (concrete slab, concrete block, rebar, etc.)

Different types of material handling equipment will be required for each category. Debris definitions applied in Hazus-MH are unique to the Hazus-MH model and so do not necessarily conform to other definitions that may be employed in other models or guidelines.

The analysis estimates that an approximate total of 3,711 tons of debris might be generated:

1. Finishes: 1,738 tons
2. Structural: 630 tons
3. Foundations: 1,343 tons

The results are mapped in the image below:



Source: Emanuel County Hazard Risk Analysis

Part D. Land Use and Development Trends

There are several areas of potential development. They include residential, commercial, industrial, public/institutional, transportation/communications/utilities, park/recreation/conservation, agriculture, and forestry. Commercial and industrial growth has been steady in Emanuel County with a reliance upon the region's natural resources and agriculture. There has been moderate residential growth as several areas have developed in order to provide additional housing in the City of Swainsboro. Much of the population growth has been located in areas outside of city limits but in close proximity to the city.

The County has seen moderate transportation/communications/utilities growth. Future economic development is predicted to continue along US Highways 1 and 80 near the City of Swainsboro. Also identified for projected growth over the next fifteen years is the Cities of Oak Park, Stillmore, and Twin City.

The county has no basic zoning of land use regulations for the unincorporated areas, however land use plans are updated on a regular basis. This could influence the type and extent of all forms of development in those areas. This also limits the ability to protect the environmental resources in those areas, which could make them more vulnerable to damage from a flood. However, since flooding is a spatial hazard, future land use maps can address the threat of flooding in areas and help reduce the exposure of new development. The City of Swainsboro has zoning and land use regulations. Though flooding potential is not great, there is a threat of flooding in portions of Swainsboro, Summertown, Oak Park, and Garfield. Regulations will help in the monitoring and prevention of future damage caused by flooding. Emanuel County and each municipality will utilize the maps in the flood plan to locate future structures out of localized flood prone areas if possible.

As stated previously, Emanuel County and the City of Swainsboro participate in the NFIP program. The other municipalities do not. Emanuel County also has a floodplain administrator who works to enforce compliance with the NFIP program. Additionally, Emanuel County has no reported repetitive loss properties according to the NFIP guidelines (see Appendix A, VIII).

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout gear and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

Part E: Multijurisdictional Concerns

Though Emanuel County has eight municipalities decentralized throughout the county, the vast majority of potential flood/dam failure sources fall within the unincorporated areas and there are several differences between jurisdictions. However, there are portions of the City of Swainsboro, Summertown, Garfield, Oak Park, Stillmore, and Twin City that fall within a flood zone as indicated on the Flood Map in Appendix A, VIII. There are several areas within the city limits and immediately outside the city limits that are considered flood zones. Additionally, in the incorporated areas there is a greater chance that a flood could cause damage to residential, commercial and infrastructure.

In the unincorporated areas of Emanuel County, more areas are prone to flooding because of the lack of drainage, additional bodies of water, and other characteristics that increase the possibility of flooding. Development in these areas is scarcer, with very few structures found with the larger flood zones located in the southwest corner of the county.

The City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. If a flooding event were to occur in the City of Swainsboro, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Swainsboro.

The City of Twin City is the second largest municipality within the county and has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If a flooding event were to occur in the

City of Twin City, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Twin City.
The City of Oak Park is the third largest municipality within the county and has a total population of 647 residents. Oak Park contains a total of 4 critical facilities. If a flooding event were to occur in the City of Oak Park, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Oak Park.

The City of Adrian is the fourth largest municipality within the county and has a total population of 558 residents. Adrian contains a total of 12 critical facilities. If a flooding event were to occur in the City of Adrian, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Adrian.

The City of Stillmore is the fifth largest municipality within the county and has a total population of 535 residents. Stillmore contains a total of 13 critical facilities. If a flooding event were to occur in the City of Stillmore, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in the City of Stillmore.

The City of Summertown is the sixth largest municipality within the county and has a total population of 180 residents. Stillmore contains one critical facility. If a flooding event were to occur in the City of Summertown, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County with a total population of 169 residents. Nunez contains a total of three critical facilities. If a flooding event were to occur in the City of Nunez, there is a higher potential of damage to than compared to smaller jurisdictions because of the amount of development in this area. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a flooding event in Garfield.
Emanuel County, Swainsboro, and Twin City remain in compliance with the NFIP regulations through floodplain ordinances. The current Flood Insurance Rate Map (FIRM) for the entire county including Adrian, Stillmore, Swainsboro, Oak Park, Summertown, Garfield, Twin City, and Nunez was adopted on December 17th, 2010. Additionally, a Flood Insurance Study (FIS) of the incorporated and unincorporated areas of the county was conducted by FEMA in 2010. Portions of the study were consulted for the purposes of this plan.

As mentioned previously, Emanuel County has a flood plain manager to enforce the NFIP regulations that are in place. As mentioned previously, the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, and Summertown have chosen not to participate in the NFIP. These cities have chosen not to participate in the NFIP program because of the perceived low-level threat of flooding and they do not wish to adopt flood related ordinances at this time. In addition, Emanuel County, Swainsboro, and Twin City will take the following steps to ensure that each participating community will meet or exceed NFIP regulations:

- Require a development permit prior to the commencement of any development activities.
- Review proposed development to ensure that all necessary permits have been received from governmental agencies and require that copies of such permits be provided and maintained on file.
- Review all permit applications to determine whether proposed building sites will be reasonably safe from flooding.
- Assist in the preparation and revision of the floodplain maps.
- Help residents obtain information on flood hazards, floodplain data, flood insurance, and proper construction measures.

Part F: Hazard Summary

Through examination of the updated flood related data and maps the committee has determined that the occurrence of floods remain a threat to the county and its municipalities. Though the potential for property damage is greatest within the incorporated areas of the county, these areas are not as prone to floods as often the unincorporated portions of the county. The committee reviewed previous flood mitigation action steps proposed in the approved 2015 plan. Addressing these issues will be an ongoing task for both county and city officials. Through a concerted effort between the municipalities, county and the Pre-Disaster Mitigation Planning Committee, measures will be taken, when feasible, to ensure that future development is conducted in areas where the threat of flooding is minimal. Through future land use regulations and the implementation of the actions included in this plan overall flood damage should continue to decrease.

Section IX. Technological Hazard-Hazardous Materials

Part A. Hazard Identification

FEMA's ready.gov provides a description of hazardous materials: "Hazardous materials come in the form of explosives, flammable and combustible substances, poisons and radioactive materials. Hazards can occur during production, storage, transportation, use or disposal. Communities may be at risk if a chemical is used unsafely or released in harmful amounts into the environment in said community.". These substances are most often released as a result of transportation accidents or because of chemical accidents in plants.

Additional definitions from various government agencies are outlined by the Institute of Hazardous Materials in the following paragraphs. "A hazardous material is any item or agent (biological, chemical, radiological, and/or physical), which has the potential to cause harm to humans, animals, or the environment, either by itself or through interaction with other factors. Hazardous materials professionals are responsible for and properly qualified to manage such materials. This includes managing and/or advising other managers on hazardous materials at any point in their life cycle, from process planning and development of new products; through manufacture, distribution, and use; and to disposal, cleanup, and remediation.

Hazardous materials are defined and regulated in the United States primarily by laws and regulations administered by the U.S. Environmental Protection Agency (EPA), the U.S. Occupational Safety and Health Administration (OSHA), the U.S. Department of Transportation (DOT), and the U.S. Nuclear Regulatory Commission (NRC). Each has its own definition of a "hazardous material."

OSHA's definition includes any substance or chemical which is a "health hazard" or "physical hazard," including: chemicals which are carcinogens, toxic agents, irritants, corrosives, sensitizers; agents which act on the hematopoietic system; agents which damage the lungs, skin, eyes, or mucous membranes; chemicals which are combustible, explosive, flammable, oxidizers, pyrophoric, unstable-reactive or water-reactive; and chemicals which in the course of normal handling, use, or storage may produce or release dusts, gases, fumes, vapors, mists or smoke which may have any of the previously mentioned characteristics. (Full definitions can be found at 29 Code of Federal Regulations (CFR) 1910.1200.)

EPA incorporates the OSHA definition and adds any item or chemical which can cause harm to people, plants, or animals when released by spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping or disposing into the environment. (40 CFR 355 contains a list of over 350 hazardous and extremely hazardous substances.)

DOT defines a hazardous material as any item or chemical which, when being transported or moved in commerce, is a risk to public safety or the environment, and is regulated as such under its Pipeline and Hazardous Materials Safety Administration regulations (49 CFR 100-199), which includes the Hazardous Materials Regulations (49 CFR 171-180). In addition, hazardous materials in transport are regulated by the International Maritime Dangerous Goods Code; Dangerous Goods Regulations of the International Air Transport Association; Technical Instructions of the International Civil Aviation Organization; and U.S. Air Force Joint Manual, Preparing Hazardous Materials for Military Air Shipments."
(Source: https://www.ihmm.org/about-ihmm/what-are-hazardous-materials)

These products are also shipped daily on the nation's highways, railroads, waterways, and pipelines. Chemical manufacturers are one source of hazardous materials, but there are many others, including service stations, hospitals, and hazardous materials waste sites. Varying quantities of hazardous materials are manufactured, used, or stored at an estimated 4.5 million facilities in the United States--from major industrial plants to local dry-cleaning establishments or gardening supply stores.

Hazardous materials come in the form of explosives, flammable and combustible substances, poisons, and radioactive materials. These substances are most often released as a result of transportation accidents or because of chemical accidents in plants.

Part B. Hazard Profile

Location

As mentioned above, the threat of a hazardous materials incident can be anywhere, but in Emanuel County most probable threats could be from the hospital, accidents on highways, railways, leaking underground storage tanks, and at local industries.

Extent

Hazardous materials are common in the workplace. Therefore, it is important that workers know when they are handling hazardous materials to ensure adequate protection and compliance with the proper safety procedures. *OSHA created the Hazard Communication Standard* which requires that employers who use hazardous substances to make Material Safety Data Sheet (MSDSs) available for employee use and reference. Employers are also required to provide appropriate warning labels on containers of hazardous substances within the facility. The OSHA Permissible Exposure Limit (PEL), ACGIH Threshold Limit Value (TLV), and other exposure limit recommended by the manufacturer, distributor, or employer preparing the MSDS must be given if such values are available. Because there are many types of hazardous materials, and different chemicals have different exposure limits, the Permissible Exposure limit should be referenced in order to measure the amount of damage that could occur from the hazardous materials used within Emanuel County.

The Toxics Release Inventory (TRI) is a publicly available database from the federal Environmental Protection Agency (EPA) that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990. Each year, facilities that meet certain activity thresholds must report their releases and other waste management activities for listed toxic chemicals to EPA and to their state or tribal entity. A facility must report if it meets the following three criteria:

- The facility falls within one of the following industrial categories: manufacturing; metal mining; coal mining; electric generating facilities that combust coal and/or oil; chemical wholesale distributors; petroleum terminals and bulk storage facilities; RCRA Subtitle C treatment, storage, and disposal (TSD) facilities; and solvent recovery services;
- Has 10 or more full-time employee equivalents; and
- Manufactures or processes more than 25,000 pounds or otherwise uses more than 10,000 pounds of any listed chemical during the calendar year. Persistent, bio accumulative and toxic (PBT) chemicals are subject to different thresholds of 10 pounds, 100 pounds or 0.1 grams depending on the chemical.

The Georgia Department of Natural Resources' 2019 Hazardous Site Inventory (HSI) is a list of sites in Georgia where there has been a known or suspected release of a regulated substance above a reportable quantity and which have yet to show they meet state clean-up standards found in the Rules for Hazardous Site Response or in the Voluntary Remediation Program Act. The HSI is compiled and published by the Georgia Environmental Protection Division (EPD). At least once each year, EPD will publish the HSI and send one copy to the clerk of the superior court of each county in Georgia. The clerk is required to keep the most current copy of the HSI where the deed records of the county are kept so that anyone may have ready access to it.

When a release of a regulated substance is discovered in soil or groundwater, the property owner must determine if the Rules for Hazardous Site Response require notification to EPD about the release. If so, the property owner must submit a notification, and EPD determines if a release above a reportable quantity has occurred. EPD does this by using the Reportable Quantities Screening Method (RQSM). RQSM assigns numerical values to such factors as the toxicity, quantity, and physical state of the regulated substance released, how close the site is to nearby residents and drinking water wells, the degree to which the release is contained, the accessibility of the site, whether or not the release has resulted in exposure to nearby residents, and the presence of on-site sensitive environments. RQSM uses a mathematical equation to combine the numerical values for these factors into a single score for soil or groundwater. If this score is above a certain number for either soil or groundwater, a release exceeding a reportable quantity has occurred and the site is placed on the HSI. EPD may also place a site on the HSI if the site otherwise poses a threat to human health or the environment. A complete description of how EPD uses RQSM can be found in the document "Guidance Manual for the Reportable Quantities Screening Method" on EPD's web page at http://epd.georgia.gov/sites/epd.georgia.gov/files/RQSMManual.pdf.

The categories of sites evaluated by the HSI are those where the property owner has filed a release notification with EPD. Notifications are evaluated using RQSM to determine if a release exceeding a reportable quantity exists at the site. If EPD determined that a reportable quantity exists, the site was placed on the HSI. If EPD had not decided to list a site as of June 25th the site will not be listed in that year's edition of the HSI. The discovery and listing of new sites on future editions of the HSI will be an ongoing process. Prior to the first publication of the HSI in 1994, EPD evaluated a second category of sites, those listed on the March 2, 1994 version of what is known as Wastelan. Wastelan is a report that the United States Environmental Protection Agency (USEPA) uses to summarize information contained in its main superfund database which is known as CERCLIS. The Wastelan report is a list of all sites discovered in Georgia that USEPA has been or will be investigating under the federal superfund program. If USEPA's investigation shows that a site on Wastelan is a high priority for cleanup under the federal superfund program, USEPA puts it on the National Priorities List (NPL). Sites that do not make it onto the NPL will not be cleaned up by USEPA under the federal superfund program unless they pose an imminent danger to human health and the environment; sites that pose an imminent danger may be cleaned up by USEPA through an emergency action. Only a small number of sites that appear on Wastelan will ever be placed on the NPL. This means that USEPA has determined that they do not pose enough of a threat to be considered a priority for cleanup using resources under the federal superfund program. The HSI also identifies properties that are part of another site already listed on the HSI. A property can be sub listed as part of a site when EPD determines that a release discovered on that property is associated with the site that has already been listed on the HSI.

The HSI is published at least once a year each July. EPD updates the HSI as needed to add or remove sites or to provide new information about sites as it becomes available. The listing of a site on the HSI, a change

in the site's various designations on the HSI, or its removal can occur at any time throughout the year; the effective dates are not limited to the date of publication of the HSI. An electronic version is available on EPD's website at http://epd.georgia.gov/hazardous-site-inventory.

Sites listed on the HSI are required to meet the state's clean-up standards for hazardous sites. The clean-up standards establish levels for regulated substances that are protective of human health and the environment under specific conditions. The sites listed on the HSI are separated into five classes, which are described as follows:

CLASS I. Sites that have resulted in known human exposure to regulated substances, that have sources of continuing releases, or that are causing serious environmental problems are designated on the HSI as Class I sites. These sites will be EPD's highest priority for corrective action. Persons responsible for these sites are required to perform corrective action and put a notice in the deed to their property. If a responsible party fails to perform corrective action as required, EPD may use the state hazardous waste trust fund to clean up the site and then recover the cost of the cleanup from the responsible party later.

CLASS II. For many sites listed on the HSI, further evaluation of the site must be done before EPD can decide whether corrective action is needed. These are known as Class II sites. Persons responsible for Class II sites are given an opportunity to voluntarily investigate and clean up their site and report their findings to EPD. The site is either removed from the HSI or reclassified as Class I, III, or IV based on whether it meets clean-up standards. While classified as Class II, sites are not designated as needing corrective action, so property owners do not immediately have to place notices on deeds and other property records. If a responsible party at a Class II site fails to do the required investigation, the site priority can be upgraded to Class I.

CLASS III. Sites designated on the HSI as Class III sites are those that do not meet residential clean-up standards but do meet alternative clean-up standards. These sites are designated as needing corrective action and the property owners are required to make the same deed notices as apply to Class I sites. These sites may require continued monitoring to make sure they continue to meet the appropriate standards. They will also require further corrective action before they can be used for residential purposes. Class III sites that meet the non-residential standards (Types 3 and 4) will be removed from the HSI once the property owner has filed a deed notice. Land use at sites that meet only the Type 5 standards is restricted, and the responsible party must provide long term monitoring and maintenance of the site. Restrictions are typically described in an environmental covenant and a listing of ECs is available at http://epd.georgia.gov/uniformenvironmental-covenants.

CLASS IV. These are sites where corrective action is already being conducted or has been completed under other federal or state authority. These sites are presumed to be in compliance with the Type 5 clean-up standards. They are designated as needing corrective action, remain on the HSI, and the property owner is required to file deed notices. If it is ever determined that the corrective action at a Class IV site does not protect human health or the environment, then the site may be re-designated from Class IV to Class I. If it can be certified that the site meets one of the other clean-up standards, it can be reclassified and may be removed from the HSI.

CLASS V. These are sites that have a known release that requires corrective action and are not in compliance with any of the risk reduction standards of Rule 391-3-19-.07, but corrective action is being performed in compliance with a corrective action plan approved by the Director, which will bring the site into compliance with the risk reduction standards.

EPD may remove a site from the HSI if the applicable clean-up standards are met. Sites may also be removed from the HIS if EPD determines that a release exceeding a reportable quantity had not occurred.

Underground Storage Tank Scenario (LUST): The Georgia Environmental Protection agency states that a typical leaking underground storage tank scenario involves the release of a fuel product from an underground storage tank (UST) that can contaminate surrounding soil, groundwater, or surface waters, or affect indoor air spaces. Early detection of an UST release is important, as is determining the source of the release, the type of fuel released, the occurrence of imminently threatened receptors, and the appropriate initial response. The primary objective of the initial response is to determine the nature and extent of a release as soon as possible. Warning signs of a release can be identified through inspection and monitoring, inventory control, and leak-detection technology. Once the release is confirmed, notification to the appropriate government agency must follow particular state or tribal requirements. In some cases, emergency response actions must be taken immediately without waiting for government approval or oversight. Initial actions are all focused on protecting public health, safety, and the environment. Under most state regulations, the operator or owner has specific time frames to conduct initial response actions, submit reports, complete an initial site characterization, and conduct free product removal. It is important that LUST personnel reinforce these required targets in the event that an enforcement action becomes necessary.

Once a leak is confirmed, immediate response actions must be taken to minimize or eliminate the source of the release and to reduce potential harm to human health, safety, and the environment. Each state has unique requirements for initiating responses to a release, and it is up to the UST owner or operator to conduct actions in compliance with his/her local rules. State, local, and tribal contacts can help identify qualified professionals who will be able to provide quick assistance to help reduce costs and liability.
Immediate responses may include removing flammable or explosive materials from the release area and preventing discharges to stormwater utilities, wetlands, and surface waters. It may also be necessary to provide bottled water for individuals, families, or businesses that rely on groundwater for drinking, bathing, and food preparation. The intrusion of petroleum vapors into indoor building spaces has become an important concern and may require the active ventilation of indoor building spaces.
(Source: https://www.epa.gov/ust/leaking-underground-storage-tanks-corrective-action-resources)

Sanitary Sewer Overflows (SSO) is a term used to describe two types of events. The first is a sanitary sewer spill, while the second is a sanitary sewer overflow. By Georgia Environmental Protection Division (EPD) definitions, a sanitary sewage "spill" is an event in which sewage escapes from the conveyance system and enters the waters of the State. A sanitary sewage "overflow" is an event in which sewage escapes from the conveyance system but is contained before reaching the waters of the State. By definition, "waters of the State" are ponds, creeks, streams, rivers, lakes, etc. -- including storm drains that carry potential pollutants into "waters of the State." Spills and overflows are further broken down into two classifications -- major and minor. An SSO is classified as "minor" when less than 10,000 gallons of sewage is discharged, while a "major" SSO result in over 10,000 gallons of sewage being discharged. A major spill also can result from permit violations at a wastewater treatment plant. A significant fish kill within the receiving waters also is classified as a major spill, regardless of the volume of sewage that entered the receiving waters. The EPD requires that all Publicly Owned Treatment Works (POTW) report spills; however, EPD does not require POTW's such as the MWA to report overflows. Nevertheless, the MWA's leadership feels that it is beneficial and even necessary to report all overflows to the public and the local health department, in order to exercise an open and transparent form of governance to garner public

trust. In addition, reporting all overflows, regardless of their severity, helps protect the safety and health of the general public from the potential hazards associated with raw sewage.
(Source: http://www.maconwater.org/spill-notifications)

History

Federal Environmental Protection Agency (EPA) Toxic Release Inventory (TRI) sites are facilities that must report annually to the EPA the type and quantity of chemical substances that they have released into the environment. Chemicals included in the TRI program are those that cause cancer, chronic human health effects, or significant negative environmental impacts. In Emanuel County, there are two TRI sites. In 2019 it was reported that the Crider Inc emitted 500 pounds of Ammonia into either the air, water, placed into some type of land disposal, or transferred the chemicals off site to another location for disposal or release. It was also reported that Interfor US Inc emitted 26,360 pounds of Methanol, Ammonia, Lead and Lead Compounds into either the air, water, placed into some type of land disposal, or transferred the chemicals off site to another location for disposal or release. Table 2.9 describes the TRI site located in Emanuel County.

Table 2.9: TRI Sites in Emanuel County

TRI Site Name	Address	Releases
Crider Inc	1 Plant Ave Stillmore, GA 30464	Total Releases: 500 LBS
Interfor US Inc	8769 HWY 297 Swainsboro, GA 30401	Total Releases: 26,360 LBS

In addition, the Georgia Environmental Protection Division (EPD) compiles and publishes a Hazardous Site Inventory (HSI). The HSI is a list of sites in Georgia where there has been a known or suspected release of a regulated substance above a reportable quantity and which have yet to show they meet state clean-up standards found in the Rules for Hazardous Site Response or in the Voluntary Remediation Program Act. As of July 2020, there were two HSI sites within Emanuel County.

The U.S. Department of Transportation operates the Pipeline and Hazardous Material Safety Administration (PHMSA). The PHMSA produces a series of reports which provide statistical information on hazardous material incidents by type, year, geographical location, and other factors. According to the PHMSA, since 1950, there have been seven hazardous material incidents in the Emanuel County that occurred while materials were being transported (See Appendix A).

Each of these incidents occurred on a highway, and in total caused a reported amount of $66,572 worth of damage. Four events took place in Swainsboro, one occurred in Stillmore, one in Nunez, and another occurred within an unincorporated area of the county. PHMSA data showed no other reports of hazardous material incidents in Emanuel County. However, the data may be limited, and the true number of incidents may actually be greater.

Probability

The threat of a hazardous materials incident can be anywhere in Emanuel County. The most probable threats could be from agricultural chemical exposure, accidents on highways, railways, leaking underground storage tanks, and at local industries. The risk of hazardous spills during transport exists and may increase in areas with industrial development and transportation ways. After looking at the TRI, HIS, sewage spills, underground storage tank leakage reports, and PHMSA data, it was found that there has been a total of eleven recorded occurrences of hazardous release in Emanuel County in the past 70 years (1950-2020).

The current chance per year that a hazardous materials release can occur is 15.71%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years are 0.5 and 0.35, respectively. Finally, keeping in mind that data is limited, we can see that the annual frequency for the last 50 years is 0.22, with a historical recurrence interval of 6.36 years. The probability that hazardous materials release will continue to occur every couple of years is "Highly Likely."

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

It is important to consider that hazardous materials release impacts residents, public health, and agriculture. A hazardous materials release may compromise, therefore reduce, the amount of available water for public use. Since most homes and businesses draw from underground water sources, businesses and residents are dependent upon its availability. Additionally, hazardous materials release could result in structural condemnation and loss of use. Therefore, all of the residents of Emanuel County (22,499) are at risk from the impact of a hazardous materials release. (See Worksheet 3A in Appendix A, IX) In Worksheet 3A: Inventory of Assets (appearing in Appendix A and D, III), we estimate that all of Emanuel County and the Cities Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City are equally vulnerable to this hazard. Because data broken down by jurisdiction are not consistently available, it was not possible to break down these worksheets by jurisdiction; therefore, they refer to the entire county, including the eight cities in this plan.

Since hazardous materials release is a non-spatial hazard, it has the potential to damage 100% of the structures in the county as noted on Worksheet 3A (Appendix D, III). The total percentage of the number of structures that are exposed to the non-spatial threat of hazardous materials in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down by jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures, 745 government facilities and 3 utility structures. All of these structures are equally exposed to a thunderstorm/windstorm.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on the Emanuel County Critical Facility Map found in Appendix A, IX.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is

$70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by a hazardous material release.

At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. It is impossible to accurately estimate the potential losses suffered from a hazardous materials release, as it would be largely influenced by the circumstances and location of the release within the county.

Part D. Land Use and Development Trends

There are several areas of potential development. They include residential, commercial, industrial, public/institutional, transportation/communications/utilities, park/recreation/conservation, agriculture, and forestry. Emanuel County currently has no land use or development trends specifically related to hazardous materials incidents. The largest concerns during a hazardous materials release event for Emanuel County would result from compromised natural resources in the incorporated and unincorporated parts of the county.

Additionally, Emanuel County has a soil erosion and sedimentation ordinance. The County also has a hazardous materials cleanup reimbursement ordinance. Both ordinances aim to reduce the risk of hazardous materials being released into the environment.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous please. With this increase of value and number of structures, there is potential for greater loss due to impacts from a hazardous materials release.

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several

roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout ger and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

According to the 2017 Census of Agriculture, Emanuel County has a total of 465 farms. Additionally, 138,527 acres of land in Emanuel County is dedicated to farmland. In 2017, farms produced a market value of $33,021,000 products. A hazardous materials release event could cause severe agricultural destruction, endanger livestock, and cause economic losses and damage in the county.

Part E. Multi-Jurisdictional Concerns

With a cumulative of 22,499 residents, and individuals working in commercial, industrial, agricultural, religious/nonprofit, government, and educational organizations within Emanuel County (and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City) any number could be affected by a hazardous materials release event.

Part F. Hazard Summary

Through examination of TRI, HSI, and underground storage tank leakage reports, the committee has determined that the occurrence of a hazardous materials incident is a threat to the county, including the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. Incidents in the county are most likely to occur from agricultural chemical exposure, accidents on highways, railways, leaking underground storage tanks, and at local industries. Additionally, the risk of hazardous spills during transport may increase in areas with industrial development and transportation ways. A hazardous materials incident can happen any time throughout the year. The amount of damage that they cause is dependent upon the extent and severity of the hazard. The mitigation action steps that have been included in this document are focused upon reducing the impact that a hazardous materials release would cause to the property and residents of Emanuel County.

Section X. Natural Hazard Event-Hailstorm

Part A. Hazard Identification

Hail is precipitation that is formed when updrafts in thunderstorms carry raindrops upward into extremely cold areas of the atmosphere. Hail can damage aircraft, homes, cars, and can be deadly to livestock and people.

Hailstones grow by collision with super cooled water drops. (Super cooled drops are liquid drops surrounded by air that is below freezing which is a common occurrence in thunderstorms.) There are two methods by which the hailstone grows, wet growth and dry growth, which produce the "layered look" of hail.

In wet growth, the hailstone nucleus (a tiny piece of ice) is in a region where the air temperature is below freezing, but not super cold. Upon colliding with a super cooled drop the water does not immediately freeze around the nucleus. Instead, liquid water spreads across tumbling hailstones and slowly freezes.

Since the process is slow, air bubbles can escape resulting in a layer of clear ice. With dry growth, the air temperature is well below freezing and the water droplet immediately freezes as it collides with the nucleus. The air bubbles are "frozen" in place, leaving cloudy ice.

Part B. Hazard Profile

Location

Since hailstorms are non-spatial entities, they have the potential to occur anywhere within Emanuel County. Therefore, all parts of the county could be potentially subject to this hazard and there is no specific area that would necessarily be more likely to have one.

Extent

The extent of a hailstorm is measured by the Hailstorm Intensity Scale (TORRO), which can be viewed below. The scale ranges from H0 to H10 and includes descriptions of the size of the hail, and the extent of the damage it could potentially cause. In the last 10 years, hailstorms in Emanuel County have produced hail ranging in size from .75 in to 1.75 in, as recorded by the NCDC. Using the TORRO we can see that the intensity of the hail in Emanuel County has ranged between a H2 and an H5. The TORRO Scale can be seen in Table 2.10.

Table 2.10: Hail Intensity

Hailstorm Intensity Scale (TORRO)				
	Intensity Category	**Typical Hail Diameter (mm)***	**Probable Kinetic Energy, J-m^2**	**Typical Damage Impacts**
H0	Hard Hail	5	0-20	No damage
H1	Potentially Damaging	5-15	>20	Slight general damage to plants, crops
H2	Significant	10-20	>100	Significant damage to fruit, crops, vegetation
H3	Severe	20-30	>300	Severe damage to fruit and crops, damage to glass and plastic structures, paint and wood scored
H4	Severe	25-40	>500	Widespread glass damage, vehicle bodywork damage
H5	Destructive	30-50	>800	Wholesale destruction of glass, damage to tiled roofs, significant risk of injuries
H6	Destructive	40-60		Bodywork of grounded aircraft dented; brick walls pitted
H7	Destructive	50-75		Severe roof damage, risk of serious injuries
H8	Destructive	60-90		(Severest recorded in the British Isles) Severe damage to aircraft bodywork
H9	Super Hailstorms	75-100		Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open
H10	Super Hailstorms	>100		Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open

Source: http://www.torro.org.uk/hscale.php

History

The NCDC reports that since 1950 there have been 48 recorded hailstorms in Emanuel County. However, the actual number of occurrences and the amount of property damage and injuries is likely unknown. In total, these 48 hailstorms have produced $23,500 worth of property damage. Since the adoption of the last plan in 2015, there has been one newly recorded occurrence of a hailstorm.

One notable storm occurred on March 13th, 2012. An Emanuel County Emergency Management Agency official reported that golf ball sized hail fell in Oak Park for 15 minutes. Property damages from this storm were reported at $55,000 in property damages.

Another hailstorm on May 25th, 2014 resulted in $55,000 in property damage. Hail resulting from this storm was reported to be up to 1.75 inches in diameter, or 1.75 inches in diameter.

The most recent occurrence of a hailstorm event occurred on April 23rd, 2018. The Emanuel County Emergency Manger reported quarter sized hail in Swainsboro. There is no recorded property damage from this event.

Probability

As mentioned previously, there have been 48 hailstorms recorded in Emanuel County, within the past 70 years. The current chance per year that a hailstorm can occur 68.57%, as noted in the Hazard Frequency Table (Appendix D, II). Additionally, the annual frequency for the last 10 and 20 years are 1.1 and 1.4, respectively. Finally, keeping in mind that the older the data the more incomplete it is, we can see that the annual frequency for the last 50 years is 0.96, with a historical recurrence interval of 1.46 years. The probability that hailstorms will continue to occur every couple of years is "Highly Likely."

Occurrence Probability in Years	Likelihood of Future Occurrence
1-10	"Highly Likely"
10-25	"Likely"
25-50	"Unlikely"
50 or greater	"Highly Unlikely"

Part C. Inventory Assets and Potential Losses

The total percentage of the number of structures that are exposed to the non-spatial threat of a hailstorm in Emanuel County is 100% as noted on Worksheet 3A (Appendix D, III). It should be noted that Worksheet 3A, is not broken down but jurisdiction but rather broken down by the county as a whole. Data was not readily available in order for it to be broken down by each jurisdiction. Instead, data was provided from the County Tax Assessor and was used for the worksheet.

To address specific critical facilities and infrastructure, each facility was examined on an individual basis, entered into the GMIS database, and located on maps, both of which are in Appendix A, X. All of the county's 161 identified critical facilities on the GMIS Wind Hazard Report received a hazard score of 2. Additionally, all of the critical facilities are at risk to the threat of a hailstorm.

In Emanuel County, there are 8,128 residential structures, 2,039 commercial structures, 171 industrial facilities, 1,367 agricultural structures, 776 religious/non-profit structures, 238 educational structures,

745 government facilities and 3 utility structures. All of these structures are equally exposed to a hailstorm.

The total built structures, including critical facilities, of Emanuel County have an estimated replacement value of $608,792,841. The total value of all residential structures in Emanuel County is $337,336,923. The value of commercial structures in Emanuel County is $85,402,098. Industrial facilities in Emanuel County have a value of $15,533,048. The value of agricultural structures in Emanuel County is $70,400,013. Religious/non-profit structures are valued at $18,391,533, educational structures are valued at $17,399,115, and government structures in Emanuel County are valued at $64,244,138. Finally, the value of utility structures in Emanuel County is $85,973. At this time, there are no known future buildings, infrastructure, or critical facilities to be located in the county requiring special mitigation strategies. Additionally, all 22,499 residents of Emanuel County could be affected by a hailstorm.

Though not necessarily directly life threatening, all of the county's 22,499 residents could potentially be affected by a hailstorm through hazardous road conditions, power outages, and property damage. In addition to the potential damage to structures, crop damage because of hail could have a severe impact upon the county's local economy and food supply.

Part D. Land Use and Development Trends

Emanuel County and its municipalities currently have no land use or development trends related to hailstorms. In the future, any number of structures (commercial, industrial, public/institutional, residential), critical facilities, and infrastructure will be vulnerable to hailstorms because they are a non-spatial hazard.

Since the adoption of the previous plan, Emanuel County has experienced a slight decrease in the number of residents living in the county. Between the years of 2018 and 2015, Emanuel County has experienced a 1.02% loss in population. The City of Adrian has experienced a 3.46% loss in residents, the City of Garfield's total population decreased by 25.65%. The City of Nunez has seen an increase in their population by 111.25%. The City of Oak Park's total population has decreased by 14.95%, Stillmore's population decreased by 11.28%, Summertown's population has decreased by 15.49%, Swainsboro's population has decreased by 1.46%, and Twin City's population has decreased by 13.93%.

While Emanuel County has seen an overall decrease in population, they have experienced an increase in development since the adoption of the previous plan in 2015. Since the adoption of the previous plan, there have been an additional 1,643 structures built throughout the county. The county has acquired an additional 468 residential structures, 318 commercial structures, 48 industrial structures, 136 agricultural structures, 328 religious/non-profit structures, 283 government structures, 61 educational structures, and one new utility structure. Because there has been an increase in development, the value of the structures in the community has also increased. Currently, the total value of structures in the community is $608,792,841, which is a $74,902,980 increase in value since the adoption of the previous please. With this increase of value and number of structures, there is potential for greater loss due to impacts from hailstorms

According to the Emanuel Comprehensive Plan Community Work Program, the county has scheduled several development projects. The county scheduled the construction of a fire training tower, recreation department, multi-purpose soccer/football fields, a new community house/multi-use facility, the

purchase of an emergency power generator at the Connie Knight Recreation Center, construction of a new E911/EMA building, upgrades to Emergency Communications infrastructure, resurfacing of several roads, and the installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park.

According to the City of Adrian Comprehensive Plan Community Work Program, the city also scheduled several development projects including seeking funding to pave three streets, refurbish existing fire hydrants and complete the interior of the new fire house.

According to the City of Nunez Comprehensive Plan Community Work Program the scheduled development projects include: looking into constructing a Farmers' Market, seeking funding for fire equipment upgrades, and improvements to the Ball Recreation Park.

According to the City of Garfield Comprehensive Plan Community Work Program the scheduled development projects include: acquiring a new pump for the City's wells, seeking funding to construct a new fire station, seeking funding to develop additional property acquired for the City's recreation area, pursing funding for drainage improvements, cleaning up abandoned properties, and resurfacing several roads.

According to the City of Oak Park Comprehensive Plan Community Work Program the scheduled development projects include: acquiring new turnout ger and a new fire truck, construction of a new ballfield, updating city drainage system, seeking funding for street improvements, and expanding City Hall.

According to the City of Stillmore Comprehensive Plan Community Work Program the scheduled development projects include: constructing a new fire department building, seeking funding for a new fire truck, construction of a 100,000-gallon water tank, and repair/replace pumps at all lift stations as appropriate.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Summertown Comprehensive Plan Community Work Program the scheduled development projects include: construction of a retaining wall at the Community Center to help improve drainage and upgrades to city playground equipment and park infrastructure.

According to the City of Swainsboro Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new terminal building and a community hanger at the airport, complete downtown streetscape/lighting/parking improvements, construction of a SPLASH pad at the Recreation Complex, construct a skate and dog park, construct a new city/county fire station, acquire a new fire pumper, rehabilitate several lift stations, replace a well, and resurface several streets.

According to the City of Twin City Comprehensive Plan Community Work Program the scheduled development projects include: construction of a new police station, renovations to City Hall, upgrades to playgrounds, sidewalk improvements, curb/gutter improvements, and resurfacing of streets.

Part E. Multi-Jurisdictional Concerns

In the incorporated and unincorporated areas of Emanuel County (including municipalities), the threat of natural non-spatial occurrences, including hailstorms, is equally applicable. All areas of the county are susceptible to non-spatial threats.

However, due to the greater amount of development and structures within the municipalities, than in the unincorporated portions, there is a higher potential for property damage inside the city limits of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City. It is possible that damage may be less significant in the unincorporated areas of the county than compared to the damage that may occur within the municipalities.

While all areas of Emanuel are prone and vulnerable to hailstorms, the City of Swainsboro is the largest municipality within the county and has the largest population of 7,347 residents. Swainsboro contains a total of 89 critical facilities. Of Swainsboro's total population, 14.2% of residents are 65 years or older, and 32.2% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Swainsboro.

The second largest municipality in Emanuel County is Twin City. According to the 2019 U.S. Census Bureau Population Estimates, Twin City has a total population of 1,860 residents. Twin City contains a total of 23 critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. In addition, if a hailstorm were to occur in Twin City, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Twin City's total population, 16.5% of the population is 65 years or older, and 19.20% of the population is living in poverty. Twin City is also home to Twin View Health and Rehab, which is nursing home. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Twin City.

The third largest municipality in Emanuel County is Oak Park. According to the 2019 U.S. Census Bureau Population Estimates, Oak Park has a total of 647 residents. Oak Park contains a total of four critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. In addition, if a hailstorm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Oak Park's total population, 10.5% of the population is 65 years or older, and 36.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Oak Park has the highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Oak Park.

The fourth largest municipality in Emanuel County is the City of Adrian. According to the 2019 U.S. Census Bureau Population Estimates, Adrian has a total of 558 residents. Adrian contains a total of 12 critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. In addition, if a hailstorm were to occur in Oak Park, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Adrian's total population, 18.1% of the population is 65 years or older, and 35.6% of the total population is living in poverty. Out of all of the municipalities in Emanuel County, Adrian has the second highest poverty rate. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Adrian.

The City of Stillmore is the fifth largest municipality in Emanuel County. According to the 2019 U.S. Census Bureau Population Estimates, Stillmore has a total of 535 residents. Stillmore contains a total of 13 critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. In addition, if a hailstorm were to occur in Stillmore, there is a higher potential of damage than compared to smaller jurisdictions because of the amount of development in this area. Of Stillmore's total population, 20.2% of the population is 65 years or older, and 23.6% of the total population is living in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in the City of Stillmore.

Summertown is the sixth largest municipality in Emanuel County. This municipality has a total population of 180 residents according to the 2019 U.S. Census Bureau Population Estimates. Summertown contains only one critical facility. If this facility were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. Of Summertown's total population, 17.3% of residents are 65 years or older, and 11.3% of the total population lives in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Summertown.

The City of Nunez is the second smallest municipality in Emanuel County. This municipality has a total population of 169 residents according to the 2019 U.S. Census Bureau Population Estimates. In addition, Nunez contains three critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. Of Nunez's total population, 27.30% of residents are 65 years or older, and 3.3% of the total population lives in poverty. Out of all of the municipalities, Nunez contains the highest percentage of elderly residents. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in the City of Nunez.

The smallest municipality in Emanuel County is the City of Garfield with 142 residents. In addition, Garfield contains a total of seven critical facilities. If any of these facilities were to be damaged by a hailstorm, there could be severe consequences for both the City and the County. Of Garfield's total population, 14% of residents are 65 years or older, and 12.3% of residents live in poverty. Elderly residents and low-income groups are considered vulnerable populations and may be more likely to experience the negative effects of damage from a hailstorm in Garfield.

While structural damage caused by a hailstorm may be minimal in the unincorporated areas of the county where there is less development, the occurrence of a hailstorm may damage crops located on farms outside of city limits. This could cause economic distress for Emanuel County and its residents.

Part F. Hazard Summary

Due to their high frequency, hailstorms do pose a threat to the county. The potential for damage to be caused by hailstorms cannot be ignored. The mitigation action steps that have been included in this plan are focused upon reducing the impact that a hailstorm would cause to the property and residents of Emanuel County.

Chapter 3: Natural Hazard Mitigation Goals & Objectives

Table 3.1: Summary of changes in Chapter 3.

Chapter 3 Section	Updates to Section
I. Introduction	• Priorities Altered; Capability Assessment updated Goal text revised;
II. Thunderstorm/Windstorm	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
III. Tropical Storm/Hurricane	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
IV. Severe Winter Weather	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
V. Wildfire	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
VI. Excessive Heat	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
VII. Drought	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
VIII. Flooding/Dam Failure	• Revision of objectives, tasks, and actions steps to meet recommendations of committee
IX. Hazardous Materials Release	• New goal, objective and action steps created
X. Hailstorm	• Revision of objectives, tasks, and actions steps to meet recommendations of committee

Part A. Priority Changes

Goals and objective statements have been updated from the 2015 plan update to reflect the progress that Emanuel County has made, as well as to reflect any new developments related to mitigation actions. The county has taken steps to implement many of the previously identified mitigation strategies, achieving successes in several of the objective areas. The update committee felt that the majority of the action steps still felt to be relevant from the previously approved plan, therefore they remain the same. Financial difficulties experienced by the county, similar to those felt throughout the entire nation, limited Emanuel County's ability to achieve more of their goals and objectives. Overall, there have not been any major developments that have altered the prioritization if objectives or goals. However, in reviewing each of the action steps the committee made decisions to change the assigned priority level of certain actions based upon a variety of factors. Changes in priority levels have been noted next to each action.

Part B. Capability Assessment

The Emanuel County Emergency Management Agency (EMA) Director will coordinate with the appropriate city agency personnel in order to execute any and all multi-jurisdictional steps. The EMA Director will function as the coordinator of the Hazard Mitigation action plan implementation efforts. The director will work with the appropriate county and municipality officials, boards, and committees on the various aspects of the plan.

Emanuel County currently utilizes comprehensive land use planning and building codes to guide and control development in the city and county. The city and county jointly fund a trained building inspector. The current land use regulations and building codes will provide the basis for additions and revisions that are related to hazard mitigation. In addition, the city and county have designated officials responsible for development and building code-related issues, including the creation of additional regulations.

The Emanuel-Swainsboro Fire Department and remaining city and county volunteer fire departments provide an excellent resource for achieving many of the outline hazard mitigation actions. Coordination between the departments will provide a unified approach to mitigation initiatives. Members of all departments are continuously obtaining additional training and certifications in order to increase the overall safety of the county. These departments are also regularly applying for and receiving grants to increase their capabilities and effectiveness.

County officials regularly coordinate and cooperate with the efforts of the local offices of both the Georgia Forestry Commission and the UGA Cooperative Extension Agency. Both of these organizations provide excellent partners for implementing many of the Hazard Mitigation Actions related to drought and wildfire.

The Emanuel County Hazard Mitigation Plan will be presented to the committees and persons responsible for updating Comprehensive Plans and Capitol Improvement plans, for their use in incorporating the Hazard Mitigation goals and objectives. A copy will also be given to Emanuel County Community Wildfire Protection Plan Committee, who works with the Georgia Forestry Commission to update the Community Wildfire Protection Plan. This provides an additional resource for Wildfire mitigation actions. Resources and personnel that are already in place will be utilized for these efforts.

Other officials and organizations to be involved in the implementation of the mitigation actions include; the Emanuel County EMA, the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, Twin City, Emanuel County Volunteer Fire Department, Emanuel County Extension Service Agent, Emanuel County Health Department, Emanuel County Board of Education and the Emanuel County Commission.

Part C. Community Mitigation Goals

In order to develop the mitigation goals the update committee analyzed the updated risk assessment data and reviewed the implementation status of the 2015 goals. From this they were able to determine the relevancy and importance of each goal. After open discussion and deliberation, a decision was made to maintain the goals included in the original plan and previous update. Additionally, two new goals were added along with their identifying hazards: tropical storms and hazardous materials release.

The goals are listed below. The order in which they are placed reflects the overall perceived threat that each hazard poses to Emanuel County, as decided by the update committee.

Table 3.2: Community Mitigation Goals

Goal 1:	Reduce damage caused by severe storms and high winds that result from thunderstorms/windstorms in Emanuel County.
Goal 2:	Reduce damage caused by tornadoes and high winds in Emanuel County.
Goal 3:	Reduce damage caused by wildfire in Emanuel County.
Goal 4:	Reduce damage caused by ice during hailstorms in Emanuel County.
Goal 5:	Reduce damage caused by high winds/flooding that result from tropical storms and hurricanes in Emanuel County.
Goal 6:	Reduce damage resulting from ice, sleet, and snow during severe winter weather in Emanuel County.
Goal 7:	Reduce economic impact of drought in Emanuel County.
Goal 8:	Reduce flood damage in Emanuel County.
Goal 9:	Reduce damage caused by hazardous materials release incidents in Emanuel County.
Goal 10:	Minimize the impact of extreme temperatures on the citizens of Emanuel County.

Part D. Identification & Analysis of Range of Mitigation Options

1. **Structural and Non-Structural Mitigation:** The committee identified structural and non-structural mitigation measures to ensure that the community addresses issues related to this hazard. Structural goals include retrofitting critical facilities, adopting/enforcing building codes, notifying new builders if they are in a floodplain, adding additional storm drainage, repairing existing irrigation ponds and development of community safe shelters. The non-structural measures include acquiring additional firefighting equipment, increasing citizen preparedness, and regular training of emergency response members.

2. **Existing Policies, Regulations, Ordinances and Land Use:** Any existing land use policies, regulations, and building ordinances were reviewed. The committee made the recommendation to continue seeking the inclusion of more thorough policies to address appropriate hazards. Existing FEMA Firm maps for the entire county and each municipality were updated in 2010. The County and the Cities of Swainsboro and Twin City are members of the National Flood Insurance Program, but the Cities of Adrian, Oak Park, Nunez, Summertown, Stillmore, and Garfield are not. The Cites of Swainsboro, and Twin City currently have building and zoning regulations within the city limits, but the unincorporated portions of the county do not. The County and Cities will continue to adopt and implement policies, regulations, and ordinances related to hazard mitigation.

3. **Community Values, Historic & Special Considerations**: The mitigation strategies pose no threat to historical properties or any facility that requires special consideration. Community values are reflected in the proposed measures, as reflected in concerns expressed in the Emanuel County Joint Comprehensive Plan. The strategies will preserve the rural/agrarian culture and community values of Emanuel County, protecting the hometown feel of each jurisdiction while increasing each municipality's preparedness for this type of event.

4. **Prioritization of Actions:** To evaluate action step priorities, committee members used the STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) criteria provided by FEMA as a guide. Each mitigation strategy step was evaluated using STAPLEE criteria to identify those steps most relevant to Emanuel County (Appendix D, III). Based on these considerations, steps were ranked as high priority, medium priority, or low priority. "High Priority" represents an action that is in immediate need and should be implemented as soon as possible. "Medium Priority" is an action step that the committee feels should be implemented as soon as possible, but if funds or other resources are not readily available, the action item can wait. "Low Priority" of an action means that the action step is still necessary but does not require immediate attention. Past occurrences of disasters and local expertise aided committee members in assigning priorities and was the main method of prioritization of action steps. The ranking of each step is listed under the appropriate section for that strategy.

Section II. Thunderstorm/Windstorm

I. GOAL 1: Reduce damage caused by severe storms and high winds that result from thunderstorms/windstorms in Emanuel County.

Objective 1.1: Protect life, health, and property of residents from high winds resulting from thunderstorms or windstorms.

Action 1.1 – Seek funding to retrofit buildings to reinforce windows, roofs, and doors in Emanuel County and its Municipalities

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$2,000,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 1.2 – Seek funding to purchase equipment to keep access and critical roads open (i.e., debris removal equipment).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$1,000,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 1.3 – Increase public awareness of emergency topics by publishing articles in the local newspaper, holding town hall meetings, and providing bulletins to local churches and the schools (i.e., Emergency Public Audible Warning System, NOAA Weather Radio Systems, Local Emergency Shelters, individual safe rooms, National Weather Service Operations, Local Emergency Plan, the Local Emergency Management Agency, and through social media such as Facebook).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$2,000.00 (Staff Time, News Articles, Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 1.4 – Seek funding to purchase and install generators at critical facilities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$500,000.00
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that a thunderstorm/windstorm event could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. All new buildings and infrastructure will be required to comply to new codes and ordinances where applicable. New buildings may be impacted through the public awareness initiative to select roofing material with a high wind resistance. This could improve the quality of future buildings.

III. Existing Buildings and Infrastructure:

The mitigation steps included above are intended to apply to both new and existing structures. Existing buildings and infrastructure will be included in recommendations to retrofit to withstand wind and storm conditions. This could improve the quality of existing buildings. Additionally, retrofitting existing government buildings will make them more resistant to high winds.

IV. Special Multi-Jurisdictional Strategy Considerations:

Thunderstorms/windstorms have the potential to affect the entire county. Due to the fact that this is a non-spatial hazard, the threat is present in both the incorporated and un-incorporated parts of Emanuel County. The occurrence of this event is unpredictable; therefore, all considerations and strategies equally apply to each jurisdiction.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

None

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 5.# to 1.#, as the order of perceived threat of this hazard has changed.

Action 5.3 (now 1.3) has been updated to include, "...and through social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

Action Step 5.4 (now 1.4) has been updated to specify "...install of generators at critical facilities." as the committee felt it necessary to be more specific as to the buildings for which funding was being sought.

VIII. Unchanged Action Steps from Previous Update:

The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that all remaining action steps are pertinent for preparing the community for thunderstorm/windstorm events. All of the remaining action steps are considered to be ongoing efforts until completed, but some (such as public awareness and emergency response plan updates) will continue to be ongoing efforts.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section III. Tropical Storms/Hurricanes

I. GOAL 2: Reduce damage caused by the high winds that occur during tropical storms/hurricanes in Emanuel County.

Objective 2.1: Protect life, health, and property of residents from high winds from tropical storms/hurricanes.

Action 2.1 – Seek funding to purchase and install generators at critical buildings.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$30,000.00
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 2.2 – Seek funding to retrofit buildings to install generators in critical buildings.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$30,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 2.3 – Increase public awareness of evacuation routes and existing shelter to support Costal Regions.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$2,000.00 (Staff Time/News Articles, Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 2.4 – Seek funding to purchase portal lighting.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$6,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 2.5 – Seek funding to purchase equipment to keep access and critical roads open (i.e., debris removal equipment) for Emanuel County and its municipalities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$100,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 2.6 – Increase public awareness of emergency topics by publishing articles in the local newspaper, holding town hall meetings, and providing bulletins to local churches and the schools (i.e., Emergency Public Audible Warning System, NOAA Weather Radio Systems, Local Emergency Shelters, individual safe rooms, National Weather Service Operations, Local Emergency Plan, the Local Emergency Management Agency, and through social media such as Facebook).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$2,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 2.7 – Seek funding to update and upgrade pump stations in the City of Swainsboro

Responsible Org.(s)	City of Swainsboro (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$50,000.00 (Staff Times/Materials)
Funding Source(s)	General Fund/USDA/CDBG
Priority	High
Status	Ongoing

Action 2.8 – Seek funding to retrofit buildings to reinforce windows, roofs, and doors.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$2,000,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that tropical storm/hurricane occurrence could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. The update committee also discussed in detail the need to ensure that future property owners and builders are made aware if they are in a floodplain. All new buildings and infrastructure will be required to comply with any flood related building codes or ordinances, where applicable.

III. Existing Buildings and Infrastructure:

Existing buildings and infrastructure located in or adjacent to floodplains will be impacted by changes to floodplain management, storm water run-off, and drainage improvements. These measures are designed to improve conditions and prevent relief from potential flooding issues caused by a tropical storm/hurricane. Property owners located in a floodplain area will be notified. All existing buildings and infrastructure will be required to comply with any flood related building codes or ordinances, where applicable.

IV. Special Multi-Jurisdictional Strategy and Considerations:

The effect of a tropical storm/hurricane occurring along the Georgia Coast has the potential to affect the entire county. The resulting flooding and strong winds could impact low lying incorporated portions and the unincorporated portions of the county. Also, a tropical storm/hurricane has the potential to create a large amount of traffic as a result of evacuees. An event causing a mass evacuation of the Georgia Coastal and Florida Atlantic counties would likely

result in many people traveling on U.S. Interstate Highway 16 and U.S. Highways 80 and U.S. 1. Therefore, the cities and county will coordinate together to address mitigation actions related to tropical storms/hurricanes.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

None

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 3.# to 2.#, as the order of perceived threat of this hazard has changed.

This section is now a combination of tropical storms and hurricanes. All actions steps in this section are to reflect that combination.

Action 3.6 (now 2.6) has been updated to include, "...and through social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

VIII. Unchanged Action Steps:

The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that all remaining action steps are pertinent for preparing the community for thunderstorm/windstorm events. All of the remaining action steps are considered to be ongoing efforts until completed, but some (such as public awareness and emergency response plan updates) will continue to be ongoing efforts.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section IV. Tornado

I. GOAL 3: Reduce damage caused by severe storms and high winds from tornadoes in Emanuel County.

Objective 3.1: Protect life, health, and property of residents from force of tornadoes.

Action 3.1 – Construct a Community Safe Shelter that could jointly or separately serve as a public safety building to house communications and equipment for local emergency operations for Emanuel County and its municipalities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$100,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.2 – Seek funding to expand and update the Emergency Public Audible Warning System.

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$50,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 3.3 – Increase public awareness of emergency topics by publishing articles in the local newspaper, holding town hall meetings, and providing bulletins to local churches and the schools (i.e., Emergency Public Audible Warning System, NOAA Weather Radio Systems, Local Emergency Shelters, individual safe rooms, National Weather Service Operations, Local Emergency Plan, the Local Emergency Management Agency, and through social media such as Facebook).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor).
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.4 – Seek funding to retrofit public buildings to reinforce windows, roofs, and doors.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), Education and Recreation Facilities
Coordinating Org.(s)	Emanuel County-EMA Director, Board of Education
Timeline	2021-2025
Cost	$50,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.5 – Continue to update all Emergency Response Plans.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$2,000.00 (Staff Time)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 3.6 – Seek funding to continue to reverse dial out on E-911

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$75,000.00 (Staff Time/System Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 3.7 – Encourage citizens to develop and have an emergency plan and survival kit.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), East Georgia College
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$2,000.00 (Staff Time/ News Article/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.8 – Seek funding to enhance and make E-911 System capable of locating cellular phones throughout the County by utilizing GPS (Phase II)

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$75,000.00 (Staff Time/ Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.9 – Seek funding to provide supplies in case of a mass casualty situation (i.e., supplemental bedding, temporary buildings, temporary showers, etc.).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$75,000.00 (Staff Time/ Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 3.10 – Seek funding to purchase equipment to keep access and critical roads open (i.e., debris removal equipment).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$20,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Objective 3.2: Ensure uninterrupted power supply for continuity of services during a tornado event.

Action 3.11 – Acquire a generate for each fire station throughout the County.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director, Swainsboro-Emanuel County Fire Department, Fire Departments of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/ HMPG
Priority	High
Status	Ongoing

Action 3.12 – Acquire diesel and/or natural gas generators for identified Critical Facilities throughout the County.

Responsible Org.(s)	Emanuel County Board of Education, East Georgia College, City Police Departments of Garfield, Twin City, Oak Park, and Swainsboro, Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/ HMPG
Priority	High
Status	Ongoing

Action 3.13 – Acquire a generator for utilities designated Critical throughout the County and its municipalities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Swainsboro Public Works, Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, and Twin City.
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/ HMPG
Priority	High
Status	Ongoing

Action 3.14 – Seek funding to retrofit buildings to install generators in critical buildings.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that a tornado event could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. All new buildings and infrastructure will be required to comply, where applicable. New buildings may be impacted through the public awareness initiative to select roofing material with a high wind resistance. This could improve the quality of future buildings.

III. Existing Buildings and Infrastructure:

The mitigation steps included above are intended to apply to both new and existing structures. Existing buildings and infrastructure will be included in recommendations to retrofit to withstand wind and storm conditions. This could improve the quality of existing buildings. Additionally, retrofitting existing government buildings will make them more resistant to high winds.

IV. Special Multi-Jurisdictional Strategy and Considerations:

Tornadoes have the potential to affect the entire county. Due to the fact that this is a non-spatial hazard, the threat is present in both the incorporated and unincorporated parts of Emanuel County. The occurrence of this event is unpredictable; therefore, all considerations and strategies apply equally to each jurisdiction.

V. Completed Action Steps from the Previous Update:

None

VI. Deleted Action Steps from the Previous Update:

None

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 2.# to 3.#, as the order of perceived threat of this hazard has changed.

Action 2.3 (now 3.3) has been updated to include, "...and through social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

VIII. Unchanged Action Steps from Previous Update:

The remainder of the action steps in this section are unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations. These steps are ongoing efforts until completed, but some (such as those related to public awareness, firefighter training and enforcing related codes) will remain continual.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section V. Severe Winter Weather

I. GOAL 4: Reduce damage resulting from ice, sleet, and snow during severe winter weather events in Emanuel County.

Objective 4.1: Protect life, health, and property of residents from the elements of severe winter storms.

Action 4.1 – Seek funding to purchase and rent equipment to keep access and critical roads open (i.e., debris removal equipment).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director, Public Works; Volunteer Fire & Forestry Departments.
Timeline	2021-2023
Cost	$250,000.00 (Materials)
Funding Source(s)	General Fund/GEMA/FEMA
Priority	High
Status	Ongoing

Action 4.2 – Seek funding to retrofit power grid to relocate power lines underground.

Responsible Org.(s)	City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director, Georgia Power Company
Timeline	2021-2023
Cost	$20,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Objective 4.2: Ensure uninterrupted power supply for continuity of services during a winter storm event.

Action 4.3 – Acquire generators and installation of generators for each fire station and acquire diesel/natural gas generators for identified critical facilities throughout the county.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), Emanuel County Board of Education, East Georgia College, City Police Departments (Garfield, Twin City, Oak Park, Swainsboro, Stillmore). Swainsboro-Emanuel County Fire Department, Fire Departments of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$500,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 4.4 – Acquire a generator for utilities designated to Critical throughout the County and its Municipalities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$250,000.00 (Materials)
Funding Source(s)	General Fund/GEMA/ HMPG
Priority	High
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that severe winter weather could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. All new buildings may be impacted through the public awareness initiative to select roofing material with a high wind resistance. This could improve the quality of future buildings.

III. Existing Buildings and Infrastructure:

The mitigation steps included above are intended to apply to both new and existing structures. Existing buildings and infrastructure will be included in recommendations to retrofit to withstand wind and storm conditions. This could improve the quality of existing buildings. Additionally, retrofitting existing government building will make them more resistant to high winds.

IV. Special Multi-Jurisdictional Strategy and Considerations:

Severe winter weather has the potential to equally affect the entire county. Due to the fact that this is a nonspatial hazard, the threat is present in both the incorporated and unincorporated parts of Emanuel County. The occurrence of this event is unpredictable; therefore, all considerations and strategies apply equally to each jurisdiction.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

Action steps 4.2.2 and 4.2.4 have been deleted and have instead been combined with the new action step 4.4.

VII. Edited Action Steps from Previous Update:

Action Steps 4.1.1, 4.1.2, 4.2.1, and 4.2.2 have been renamed as 4.1, 4.2, 4.3, 4.4

Each action step has been edited to update coordinating organizations and cost.

Action Step 4.2.1 (now action step 4.3) has had its priority change from high to low. This is because the county has already started to apply for some generators that are needed.

VIII. Unchanged Action Steps from Previous Update:

None. All action steps have been updated since the previous plan.

IX. New Action Steps

None. No other action steps were considered by the planning committee to be added.

Section VI. Wildfire

I. GOAL 5: Prevent damage caused by wildfire in Emanuel County.

Objective 5.1: Prevent destruction of forests and structures.

Action 5.1 – Establish fire protection by continuing to support volunteer fire departments ran by the County (i.e., create preapproved access to water sources & fire-retardant chemicals).

Responsible Org.(s)	GFC
Coordinating Org.(s)	Emanuel County-EMA Director/GFC/Emanuel Co/ Swainsboro-Emanuel County Fire Department, Fire Departments of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.
Timeline	2021-2024
Cost	$2,000 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 5.2 – Seek state and federal grants to acquire better firefighting equipment.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$600,000.00 (Materials/Staff Time/Vehicles)
Funding Source(s)	General Fund/GEMA/ FEMA/ Fire Act Grant/Fire Works Grant
Priority	High
Status	Ongoing

Action 5.3– Improve wildfire training at the local fire department level.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2023
Cost	$5,000.00 (Materials)
Funding Source(s)	General Fund/FEMA
Priority	High
Status	Ongoing

Action 5.4 – Support Georgia Forestry Commission public outreach efforts by improving public awareness of wildfire techniques such as putting out small fires with garden hose and the importance of fire buffers around the home by publishing articles in the local newspaper, holding town hall meetings, radio announcement, providing bulletins to local churches and schools, and utilizing social media such as Facebook.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$5,500.00 (Materials/Staff Time/ News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/FEMA
Priority	Low
Status	Ongoing

Action 5.5 – Seek funds from EPD to increase public awareness about current disposal method of tires and continue current method of disposal for tires.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	500,000.00
Funding Source(s)	General Fund/FEMA/EPD
Priority	Medium
Status	Ongoing

Action 5.6 – Create and enforce building, fire, and safety codes throughout Emanuel County

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	2,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	High
Status	Ongoing

Action 5.8 – Investigate methods to provide landowners an incentive to prescribe burn timberland thereby heavy fuel loads.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$10,000.00 (Staff Time)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 5.9 – Seek funding to aid in the upkeep and maintenance of the Emanuel County Landfill

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$50,000 (Staff Time/Equipment)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Objective 5.2: Reduce threat of wildfire occurrence during periods of drought.

Action 5.10 – Designate, purchase, and install, water resources that are available for fire protection (Dry Hydrants).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$50,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 5.11 – Seek funding to acquire more fire tankers (2,000 to 3,000 gallons) and floater pumps for local fire departments in Emanuel County.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2023
Cost	$600,000.00 (Staff Time/Vehicles)
Funding Source(s)	General Fund/FEMA
Priority	High
Status	Ongoing

Action 5.12 – Increase public awareness of wildfire dangers around the home and community, such as lighted matches, cigarettes, trash, and the process for obtaining burn permits by publishing articles in the local newspaper, holding town hall meetings, radio announcements, providing bulletins to local churches and schools, and utilizing social media such as Facebook.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$5,000.00 (Materials/News Articles/Town Hall Meetings
Funding Source(s)	General Fund/FEMA
Priority	Low
Status	Ongoing

Objective 5.3: Protect life and health of residents from threat of wildfires.

Action 5.13 – Seek grants to continue to train firefighters on wildfire tactics and equipment.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2024
Cost	$10,000.00 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

Action 5.14 – Increase public awareness of wild land fire interface issues.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$2,000.00 (News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 5.15 – Construct fire departments/stations in area not adequately covered in the unincorporated areas of Emanuel County.

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director/Volunteer Fire Departments & Chiefs
Timeline	2021-2026
Cost	$350,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

II. Future Building and Infrastructure:

The update committee discussed development trends and the impact that a wildfire occurrence could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. All new buildings and infrastructure will be required to comply to new building codes and ordinances, where applicable. The construction of new buildings and development was specifically examined in regard to developing and implementing building, fire, and safety codes, as well as addressing growing urban interface issues.

III. Existing Buildings and Infrastructure:

The mitigation steps included above are intended to apply to both new and existing structures. Existing buildings and infrastructure will be subject to any changes in building, fire, and safety codes.

IV. Special Multi-Jurisdictional Strategy and Considerations:

In the incorporated areas of Emanuel County, the threat of wildfires is low to moderate due to the relatively low fuel load that is present in city limits. However, in the unincorporated areas of Emanuel County, the threat of wildfires is much higher due to the moderate to high fuel loads that exist in the more rural locations. These fuel loads areas significantly increase the threat of wildfires, especially during drought conditions when all of the existing vegetation is drier. Wile the unincorporated areas are at greater risk, wind direction and fuel loads can quickly push a fire toward any of the eight municipalities. As such, the mitigation measures should be applied across

each jurisdiction within Emanuel County. The update committee stressed the need for cooperation and inter-coordination between cities and the county, as well as with local Georgia Forestry Commission efforts. Detailed jurisdictional information and mitigation efforts are addressed in the Emanuel County Community Wildfire Protection Plan, which was consulted by the updated committee in the development of the hazard mitigation plan.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

Action 7.3.2 has been deleted and instead has been combined with action step 5.2.

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 7.# to 5.#, as the order of perceived threat of this hazard has changed.

Action 7.1.4 (now 5.4) has been updated to include, "...and utilizing social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

Action 7.2.3 (now 5.11) has been updated to include, "...and utilizing social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

VIII. Unchanged Action Steps from Previous Update:

The remainder of the action steps in this section are unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations. These steps are ongoing efforts until completed, but some (such as those related to public awareness, firefighter training and enforcing related codes) will remain continual.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section VII. Excessive Heat

I. GOAL 6: Minimize the impact of excessive heat on the citizens of Emanuel County.

Objective 6.1: Ensure the citizens of Emanuel County are warned of conditions of excessive heat.

Action 6.1 – Increase public awareness of emergency topics by publishing articles in the local newspaper, holding town hall meetings, and providing bulletins to local churches and the schools (i.e., Emergency Public Audible Warning System, NOAA Weather Radio Systems, Local Emergency Shelters, individual safe rooms, National Weather Service Operations, Local Emergency Plan, the Local Emergency Management Agency, and through social media such as Facebook).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA/FEMA
Priority	High
Status	Ongoing

Action 6.2 – Educate citizens on proper procedures and preventative measures to help alleviate heat related issues in and outside of the home.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), Emanuel County Board of Education
Coordinating Org.(s)	Emanuel County-EMA Director, Senior Centers
Timeline	2021-2025
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 6.3 – Seek funding for supplies to assist in cooling the inside of a home (i.e., fans and air condition window units)

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), Emanuel County Board of Education
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$22,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 6.4 – Update contact list of Senior Citizens in county that would be at risk during periods of excessive heat. (Individuals without air conditioning, disabled, low income, power loss.)

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), Health Departments, Fire Departments.
Coordinating Org.(s)	Emanuel County-EMA Director, Senior Centers
Timeline	2021-2025
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that an excessive heat occurrence could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. All new buildings and infrastructure will be required to comply to new building codes and ordinances, where applicable. The construction of new buildings and development was specifically examined in regard to developing and implementing building, fire, and safety codes.

III. Existing Buildings and Infrastructure:

All existing buildings and infrastructure will be required to comply with any building codes or ordinances, where applicable.

IV. Special Multi-Jurisdictional Strategy and Considerations:

The non-spatial nature of an excessive heat event would likely affect everyone in Emanuel County. These mitigation action steps were designed for all citizens of the county regardless of municipality. The update committee stressed the need for cooperation and interagency coordination between the cities and county when determining the proper actions in an excessive heat event. With these steps identified, each jurisdiction can apply them equally to the population and work together to alleviate the effects of an excessive heat event.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

Action Step 11.5 was combined with action step 6.2.

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 11.# to 6.#, as the order of perceived threat of this hazard has changed.

Action 11.1 (now 6.1) has been updated to include, "...and utilizing social media such as Facebook." This was added to the action step because the committee recognizes the broader base of citizens that can be quickly reached via these online outlets. Sharing educational, existing weather/hazard and emergency information through a Facebook page will provide the EMA a greater immediate audience during times of disaster.

VIII. Unchanged Action Steps from Previous Update:

The remainder of the action steps in this section are unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations. These steps are ongoing efforts until completed, but some (such as those related to public awareness, firefighter training and enforcing related codes) will remain continual.

IX. New Action Step:

None. No other action steps were considered by the planning committee to be added.

Section VIII. Drought

I. GOAL 7: Reduce the economic impact of drought in Emanuel County.

Objective 7.1 Minimize economic impact of drought.

Action 7.1 – Promote more efficient use of surface irrigation.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-Extension Service Agent/ EPD/GFC
Timeline	2021-2026
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/USDA
Priority	Low
Status	Ongoing

Action 7.2 – Promote construction of farm ponds for irrigation throughout Emanuel County.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-Extension Service Agent
Timeline	2021-2026
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/USDA
Priority	Low
Status	Ongoing

Action 7.3 – Seek funds to repair existing ponds.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-Extension Service Agent
Timeline	2021-2026
Cost	$50,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/USDA
Priority	Medium
Status	Ongoing

Action 7.4 – Implement a support system through FSA and USDA

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-Extension Service Agent/ Board of Education
Timeline	2021-2026
Cost	$2,000.00 (Staff Time)
Funding Source(s)	General Fund
Priority	Medium
Status	Ongoing

II. Future Buildings and Infrastructure:

New buildings and infrastructure will not be impacted by these proposed measures.

III. Existing Buildings and Infrastructure:

Existing buildings and infrastructure will not be impacted by these proposed measures.

IV. Special Multi-Jurisdictional Strategy and Considerations:

Drought has the potential to affect the entire county, including each municipality. The agricultural damage and reduction in drinking water will impact both the incorporated and unincorporated portions of the county. However, the committee's greatest concern is potential for the threat of wildfire resulting from extreme drought. As addressed earlier in the action plan for wildfire occurrence, though the potential for a wildfire is greater in the unincorporated portions of the county it could easily spread to any of the municipalities. Detailed jurisdictional information and mitigation efforts are addressed in the Community Wildfire Protection Plan, which was consulted by the update committee in the development of the Hazard Mitigation Plan.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

Action 8.5 "locate unused irrigation wells for nonpotable water use during times of drought" was deleted because the committee does not see a benefit to this action step.

Action 8.6 "develop an ordinance to allow permitting of irrigation wells" was deleted because the committee does not foresee this being addressed.

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 8.# to 7.#, as the order of perceived threat of this hazard has changed.

VIII. Unchanged Action Steps from Previous Update:

All of the remaining action steps are unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations. Due to lack of funding, the community has been unable to accomplish some of these steps. All of these action steps are ongoing efforts, until completed.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section IX. Flooding/Dam Failure

I. GOAL 8: Reduce flood damage and dam failure in Emanuel County.

Objective 8.1: Minimize losses to existing and future structures, especially critical facilities, due to flooding/dam failure.

Action 8.1 – Assess storm water run-off, watershed plans and effectiveness of present drainage ditching, culverts, storm water and sanitation network - **H**

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), All Townships
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$10,000.00 (Staff Time)
Funding Source(s)	General Fund/ CDBG
Priority	Low
Status	Ongoing

Action 8.2 – Create floodplain, zoning and building regulations in all municipalities of the county.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	Low
Status	Ongoing

Action 8.3 – Create floodplain and building regulations in the unincorporated areas of Emanuel County

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	Low
Status	Ongoing

Action 8.4 – Develop zoning regulations in the unincorporated areas of Emanuel County.

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	High
Status	Ongoing

Action 8.5 – Educate citizens on existing County and FEMA regulations and ordinances and notify residents that reside in a flood plain.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$2,000.00 (Staff Time/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund
Priority	Low
Status	Ongoing

Action 8.6 – Seek funding to add additional storm drainage where practical.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor), all Townships
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$400,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/CDBG
Priority	High
Status	Ongoing

Action 8.7 – Develop a floodplain management program.

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 8.8 – Have a building inspector knowledgeable on floodplain management in the City of Swainsboro

Responsible Org.(s)	City of Swainsboro (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$60,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 8.9 – Seek funding to aid in the upkeep and maintenance of the Emanuel County Landfill to prevent seepage.

Responsible Org.(s)	Emanuel County (Co. Admin)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$60,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	Medium
Status	Ongoing

Action 8.10 – Seek funding to repair pond dams endangering public roads in Emanuel County.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2025
Cost	$40,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/USDA
Priority	Medium
Status	Ongoing

Action 8.11 – Educate citizens who are located in areas threatened by dam breakage.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director/DNR
Timeline	2021-2025
Cost	$5,000.00 (Materials/News Articles/Town Hall Meetings)
Funding Source(s)	General Fund/FEMA
Priority	Medium
Status	Ongoing

Objective 8.2: Ensure uninterrupted power supply for continuity of services during a flooding/dam failure event.

Action 8.12 – Acquire funding for generators and installation of generators for each fire station throughout the County.

Responsible Org.(s)	Swainsboro-Emanuel County Fire Department, Fire departments of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/HMPG
Priority	High
Status	Ongoing

Action 8.13 – Acquire funding for generators and installation of generators for identified Critical Facilities throughout the County

Responsible Org.(s)	Emanuel County Board of Education, East Georgia College, City Police Departments of Garfield, Twin City, Oak Park, and Swainsboro. Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor)
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/HMPG
Priority	High
Status	Ongoing

Action 8.14 – Acquire funding for generators and installation of generators for utilities as Critical Facilities throughout the County.

Responsible Org.(s)	Emanuel County EMA, City of Swainsboro Public Works, Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, and Twin City.
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000.00 (Staff Time/Materials)
Funding Source(s)	General Fund/GEMA/HMPG
Priority	High
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that flood/dam failure occurrence could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. The update committee discussed in detail the need to ensure that future property owners and builders are made aware if they are in a floodplain. All new buildings and infrastructure will be required to comply with any flood related building codes or ordinances, where applicable.

III. Existing Buildings and Infrastructure:

Existing buildings and infrastructure located in or adjacent to floodplains will be impacted by changes to floodplain management, storm water run-off and drainage improvements. These measures are designed to improve conditions and prevent relief from flooding issues. Property owners located in a floodplain area will be notified. All existing buildings and infrastructure will be required to comply with any flood related building codes or ordinances, where applicable.

IV. Special Multi-Jurisdictional Strategy and Considerations:

In the unincorporated areas of Emanuel County, more areas are prone to flooding because of the lack of drainage, bodies of water, and other measures that increase the possibility of flooding. The Ohoopee river area located on the southern county boarder, and the Ogeechee River areas located on the northern border is classified as flood zone three.

In the incorporated areas of Emanuel County, the threat of flooding is still present within the city limits of Swainsboro and Garfield in low-lying areas. Additionally, in the incorporated areas there is a greater chance that a flood could cause damage to residential, commercial, and infrastructure. The remainder of the county and cities, with the exception of the Ohoopee and Ogeechee River areas, are located in zone zero.

Emanuel County, Swainsboro, and Twin City are members of the National Flood Insurance Program (NFIP). The Cities of Oak Park, Adrian, Summertown, Stillmore, Garfield, and Nunez currently do not participate in the NFIP program and do not anticipate active participation in NFIP within the next five years. The current Flood Insurance Rate Map (FIRM) for the entire county, including Swainsboro, Oak Park, Summertown, Garfield, Twin City, Stillmore, Nunez and Adrian

was adopted on December 17th, 2010. Additionally, a Flood Insurance Study (FIS) of incorporated and unincorporated areas of the county was conducted by FEMA in 2010. Portions of the study were consulted for the purposes of this plan. In the future, the county will continue to improve and maintain their flood maps. They will also continue to comply with all NFIP requirements and find areas where feasible to exceed requirements, in an effort to increase the overall wellbeing of the citizens of Emanuel County.

V. Completed Action Steps from the Previous Update:

None

VI. Deleted Action Steps from the Previous Update:

None

VII. Edited Action Steps from the Previous Update:

All actions in this section have been updated from 4.# to 8.#, as the order of perceived threat of this hazard has changed.

VIII. Unchanged Action Steps from the Previous Update:

All of the action steps remain unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations. All steps are considered ongoing until completed. Actions 8.2 and 8.3 are continual efforts.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Section X. Hazardous Materials

I. GOAL 9: Reduce damage caused by hazardous materials release incidents in Emanuel County.

Objective 9.1 – Protect life, health, and property of residents from damages caused by hazardous materials incidents.

Action 9.1 – Continue to assist regional Hazmat team in times of disaster

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County EMA Director
Timeline	2021-2023
Cost	$2,000 (Staff Time/Materials)
Funding Source(s)	General Fund
Priority	High
Status	New

Action 9.2 – Seek funding for equipment and continuing training for assistance to the regional Hazmat team

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County EMA Director
Timeline	2021-2026
Cost	$250,000
Funding Source(s)	General Fund/FEMA
Priority	High
Status	New

II. Future Buildings and Infrastructure:

New buildings and infrastructure will not be impacted by these proposed measures.

III. Existing Buildings and Infrastructure:

Existing buildings and infrastructure will not be impacted by these proposed measures.

IV. Special Multi-Jurisdictional Strategy and Considerations:

The occurrence of hazardous materials incidents has the potential to affect the entire county. An accident resulting in this disaster could impact both the city and the unincorporated portions of the county. Therefore, the city and county will coordinate together to address mitigation actions related to hazardous materials incidents.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

None

VII. Edited Action Steps from Previous Update:

As all goals, objectives, and action steps for this hazard are new to Emanuel County's plan, no steps have been edited from a previous version.

VIII. Unchanged Action Steps from Previous Update:

As all action steps are new, they are all unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps are pertinent for preparing the community for possible disaster situations.

IX. New Action Steps:

All action steps associated with this hazard are new to this plan update.

Section XI. Hailstorm

I. GOAL 10: Reduce damage caused by ice during hailstorms in Emanuel County.

Objective 10.1: Protect the life and health of residents from damage and high winds from hail.

Action 10.1 – Seek funding to retrofit buildings to reinforce windows, roofs, and doors.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2023
Cost	$30,000 (Materials)
Funding Source(s)	General Fund/GEMA
Priority	Medium
Status	Ongoing

Action 10.2 – Increase public awareness of emergency topics by publishing articles in the local newspaper, holding town hall meetings, and providing bulletins to local churches and the schools (i.e., Emergency Public Audible Warning System, NOAA Weather Radio Systems, Local Emergency Shelters, individual safe rooms, National Weather Service Operations, Local Emergency Plan, the Local Emergency Management Agency, and through social media such as Facebook).

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2026
Cost	$2,000 (Staff Time/News Articles/Town Hall Meetings
Funding Source(s)	General Fund/GEMA
Priority	Low
Status	Ongoing

Action 10.3 – Seek funding to purchase and install generators for Emanuel County and its municipalities.

Responsible Org.(s)	Emanuel County (Co. Admin), City of Adrian (Mayor), City of Garfield (Mayor), City of Nunez (Mayor), City of Oak Park (Mayor), City of Stillmore (Mayor), City of Summertown (Mayor), City of Swainsboro (Mayor), City of Twin City (Mayor),
Coordinating Org.(s)	Emanuel County-EMA Director
Timeline	2021-2024
Cost	$30,000 (Staff Time/News Articles/Town Hall Meetings
Funding Source(s)	General Fund/GEMA
Priority	High
Status	Ongoing

II. Future Buildings and Infrastructure:

The update committee discussed development trends and the impact that a hailstorm could have upon future structures. The mitigation steps included above are intended to apply to both new and existing structures. Specifically, new builders will be encouraged to remove hazardous trees on their property. All new buildings and infrastructure will be required to comply, where applicable.

III. Existing Buildings and Infrastructure:

The mitigation steps included above are intended to apply to both new and existing structures. Existing buildings and infrastructure will be included in recommendations to retrofit to withstand wind and storm conditions. Additionally, current property owners will be encouraged to remove hazardous trees as needed.

IV. Special Multi-Jurisdictional Strategy and Considerations

Due to the fact that this is a non-spatial hazard, the threat is present in both the incorporated and unincorporated parts of Emanuel County. The occurrence of this event is unpredictable; therefore, all considerations and strategies apply equally to each jurisdiction.

V. Completed Action Steps from Previous Update:

None

VI. Deleted Action Steps from Previous Update:

None

VII. Edited Action Steps from Previous Update:

All actions in this section have been updated from 6.# to 10.#, as the order of perceived threat of this hazard has changed.

VIII. Unchanged Action Steps from the Previous Update:

All of the action steps remain unchanged. The Emanuel County Hazard Mitigation Update Committee reviewed the STAPLEE criteria for this hazard and feels that these action steps remain pertinent for preparing the community for possible disaster situations.

IX. New Action Steps:

None. No other action steps were considered by the planning committee to be added.

Chapter 4: Plan Implementation

Summary: Table 4.1 shows a list of updates to each section throughout Chapter 4.

Table 4.1: Summary of Chapter Updates

Chapter Four	Updates to Section
I. Integration into Local Planning Mechanisms	Section Revised and reduced
II. Monitoring, Evaluation, Updating	Section Revised and reduced. Additional description of Monitoring, Evaluation and Updating process.
III. Conclusion	Section Revised and Reduced
IV. References	Section Revised

Section I. Integration into Local Planning Mechanisms

Part A. Incorporation into Future Local Planning Mechanisms

This plan will be presented to the county commissioners and city councils to ensure its inclusion in their planning documents, as well as any other ordinances, capital improvement projects etc., that they may undertake in regard to hazard mitigation. The Emanuel County EMA Director will serve as a facilitator to help incorporate appropriate portions of the plan into other documents.

The plan will also be presented to the committee(s) responsible for updating the comprehensive plan. The Emanuel County Comprehensive Plan was previously updated in 2017. The comprehensive plan provides an excellent tool for guiding the growth of Emanuel County and its municipalities. The continued incorporation of portions of the Hazard Mitigation Plan into the comprehensive planning process will ensure the inclusion of important mitigation issues. Though the entire Hazard Mitigation plan will be made available to the comprehensive plan committee, the "Risk Assessment and "Mitigation Strategy" will specifically be focused upon. These two sections are the most directly tied to future development since they highlight key risks and strategies that will need to be considered by the committee.

Some key areas of overlap between the two plans include the need for additional zoning regulations and building codes, increasing public safety, street/drainage improvements, and future residential development in the unincorporated portions of the county. These issues among others will be addressed in the comprehensive plans' "Community Issues and Opportunities" Section and "Implementation Program" section. An evaluation and assessment of mitigation actions will also be included the Comprehensive Plan and the Short-Term Work Program upon their revision.

Future efforts for incorporation of ideas from the updated hazard mitigation plan will include presenting the plan to the committees and persons responsible for updating the Capitol Improvement Plans, Future Land Use Plans, Storm Water Management Plans, as well as Zoning Ordinances. In addition, relevant sections of this hazard mitigation plan will be included in the next revision of the Evans County Local Emergency Operations Plan (LEOP).

Part B. Previous Plan Incorporation into Local Planning Mechanisms

The original Emanuel county Hazard Mitigation Plan was regularly incorporated into other planning mechanisms in the five years since its adoption. The plan was made available to key individuals and groups involved in the development of the Comprehensive Plan, Future Land Use Plans, Zoning Ordinance, LEOP, and others. The Emanuel County Joint Comprehensive Plan was fully updated in 2016. Many of the mitigation strategies from the original Hazard Mitigation Plan were incorporated into the comprehensive plan update. These included building code improvements, seeking additional equipment and training for emergency response personnel, and adding additional fire stations in the county.

The development of the Local Emergency Operations Plan has also included portions of the original Hazard Mitigation plan. The data and maps included in the Hazard mitigation plan have provided additional tools in the development of other documents. Incorporation efforts have also included the City Councils of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City, and Emanuel County Commission using the plan as a guide in related capital improvement plans and general decision making in regard to hazard mitigation activities.

Section II. Monitoring, Evaluation, Updating

Part A. Original Plan Monitoring, Evaluation, Updating

The original Emanuel County Hazard Mitigation Plan Update included a detailed process for monitoring, evaluating, and updating the plan in a five-year period. This plan was largely dependent upon the coordination of the overall process by the County EMA Director. The implementation process was envisioned as being directed and initiated by the EMA office, with appropriate organizations and entities being responsible for specific mitigation actions. For actions that involved city and county cooperation, the EMA Director was the primary coordinator. Other actions involving specific municipal goals and accomplishments relied on designated city officials for completion and attainment. The EMA Director was also in charge of monitoring progress and obtaining updates from the other city and county departments involved in implementation.

The original plan outlined an evaluation strategy of holding a hazard mitigation review committee meeting in January of every odd numbered year. It was envisioned that at these meetings that representatives from all of the implementation departments and agencies would reconvene to discuss progress, obstacles, and changes. This would also be an opportunity to make any needed changes to the mitigation action plan and to develop solutions to any problems. A report was to be developed from this meeting and presented at a county commissioners meeting and a city council meeting, which would allow the opportunity for public comment. Unfortunately, these formal evaluation meetings did not occur. This could be attributed to several causes, including changes in key city and county leadership positions. Instead, evaluation was less structured and more pragmatic, with city and county employees reporting progress to their respective elected officials. Additionally, the EMA director kept informed on progress and changes made through discussion with stakeholders.

A strategy for updating the original plan was also outlined. This included incorporating into the plan the changes discussed at the meetings held in January of each odd numbered year. However, formal changes

made to the plan did not occur until the Heart of Georgia Altamaha Regional Commission was contracted to facilitate the mandatory five-year update process. This process was described in more detail in Chapter One, Section II-III.

Due to issues with the feasibility and effectiveness of the original Monitoring, Evaluation and Update strategy, the decision was made to make a couple important adjustments. These changes include altering the timeline for the review committee meeting that was originally scheduled for January of every odd numbered year. The review committee will now reconvene in January of each year. The update committee felt that by meeting annually enable to update and evaluate the progress being made with the mitigation actions more efficiently. This meeting will be advertised to the public in advance and a report will be made to each city council and the Emanuel County Commissioner. Any changes made to the Hazard Mitigation Plan at the committee meetings will be incorporated into the next mandatory five-year update. A more detailed description of the Monitoring, Evaluations, and Update strategy can be found in sections B, C and D.

Part B: Monitoring Strategy

Method:

The primary method used to monitor the implementation of the update will be to observe the progress made towards achieving specific mitigation actions. City employees and officials directly involved in implementing the actions will be responsible for providing the mayor and council with regular updates, who will inform the County EMA Director. Likewise, county employees and officials will report to the EMA Director about progress made. By monitoring the status of the mitigation action plan as it is being implemented, the EMA Director will be able to remain informed and involved.

Responsibility

The Emanuel County Emergency Management Agency Director is the primary individual responsible for the monitoring of the plan. It is his/her responsibility to coordinate with the city and county departments' responsibility for implementing the different portions of the plan. Through regular discussions and personal involvement, the EMA director will be able to properly monitor the progress. The EMA Director will also actively seek public comment and involvement.

For the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City, responsibility falls upon the mayor and council for municipally implemented portions of the plan and to provide updates to the EMA director. Furthermore, all department heads, as well as any officials, that are involved in the implementation process, will have the responsibility to help monitor and provide updates to the EMA Director.

Timeframe

The monitoring process will be ongoing throughout the five years that the plan is valid. The annual meeting of the update committee will convene in January of each year. This meeting will provide an additional opportunity for the EMA director to stay up to date on progress being made.

Part C: Evaluation Strategy

Method:

In order to properly evaluate the plan and implementation of its action strategy two major factors will be considered. The first being whether or not the mitigation action has actually been implemented, taking into consideration that some actions are ongoing. Secondly, whether or not the action appears to be successful in helping to reach the overall objective it is intended to. This will include utilizing a checklist to determine what mitigation actions have been undertaken or accomplished, the completion date (if applicable), the cost associated with each completed action, and whether actions are deemed successful.

Responsibility

The Hazard Mitigation Plan review committee will hold the primary duty of evaluating the success of the plan. The committee will be able to properly evaluate the plan through their involvement in its implementation. The EMA Director and Mayors of each municipality will be tasked with presenting a summary of the evaluation at the county commission and city council meetings, respectively. Additionally, public input will also be sought for the evaluation of strategies. The public provides an excellent source for measuring the successfulness of mitigation actions.

Timeframe

The formal evaluation or of the mitigation action plan will occur at the committee meeting each January. At this time, the Mitigation strategy should be reviewed with status reports given by the members of the committee upon whether each action has been implemented and whether or not it has been successful. The checklist used for this evaluation will then be developed into a summary to be presented for the County Commission and City Council once the plan has been evaluated. This summary will be given at the January commission and council meetings.

Both the county commission and city council meetings are publicly advertised, providing an opportunity for public comment on the plan evaluation and any changes made.

Part D: Updating

Method

Due to the requirements set forth in the Disaster Mitigation Act of 2000, Emanuel County is required to formally update and revise the plan every five years. The EMA Director, as well as any organization or individual contracted to help facilitate the update process, will reconvene the review committee on a monthly basis prior to the expiration date of the current plan. The EMA Director will ensure that the committee consists of representatives from the appropriate organizations and if needed invite new members. Efforts will also be made to again obtain the involvement of the public in the update process.

In the update process the committee will review the mitigation goals, objectives and action items to determine their relevance to changing situations in the county, as well as changes in State or Federal policy, and to ensure they are addressing current and expected conditions. The committee will also review the risk assessment portion of the plan to determine if this information should be updated or modified, given any new available data. The list of critical facilities for the county should also be reexamined for accuracy and modified as needed.

Through the use of the monitoring and evaluation strategies outlined in sections II B and II C, the committee should already have an up-to-date record of the implementation and success of the plan. This record will greatly aid the review committee in their preparation of the 2026 Hazard Mitigation Plan.

The plan update will be submitted to Georgia Emergency Management Agency and the Federal Emergency Management Agency for their review and approval.

Updates of the plan will be presented to the Emanuel County Commission and each City Council for approval.

Responsibility

The Emanuel County Emergency Management Agency Director is responsible for the ensuring that the Pre-Disaster Hazard Mitigation Plan is updated. He/she will coordinate the process and reconvene the review committee. If an individual or organization is contracted to aide in the update process, then they will share in the responsibility for the update process with the EMA Director. All city and county employees/officials are responsible for aiding in the update process as determined by the EMA Director.

Timeframe

In order to update the plan in the five-year period the EMA director will reconvene the review committee at least one year in advance of the plan expiration date. They will meet on a monthly basis, or as decided by the committee, and continue until the update of the plan has been completed. These meetings will be in addition to the annual January meeting.

No later than the conclusion of the five-year period following initial approval of the plan, the EMA Director shall submit a revised Hazard Mitigation Plan to the Georgia Emergency Management Agency and the Federal Emergency Management Agency for their review and coordination.

Part E: Public Involvement

Emanuel County is dedicated to involving the public directly in the continual monitoring, evaluating, and updating of the Hazard Mitigation Plan. In order to help ensure public participation during the monitoring and evaluation process the annual meeting will be announced at a city council and county commissioner meeting prior to the date. Additionally, the EMA Director and the Mayors of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City will make reports to the county commission and city council after each annual meeting. This will give the public an opportunity to comment and ask questions about the ongoing implementation of the mitigation actions. Moreover, many of the mitigation actions taken by the city or the county will be discussed at their monthly meetings, such as capital projects, grant awards etc.

Public Involvement will also be sought during the five-year update process. Public notice of at least two of the update meetings will be published in the local newspaper. Although the Plan Review Committee will represent the public to some extent, the public will be invited to participate with the plan review committee to directly comment on and provide feedback about the Plan. In addition, regular reports will be made at the council meetings of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, Twin City, and Emanuel County Commissioners Meetings. All city and county officials, as well as any employees, will be encouraged to notify citizens of meetings and any changes being made.

An updated copy of the plan will be available at the Emanuel County EMA office, City Halls of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, Twin City, and the County Commissioner's Office. The existence and location of these copies will be publicized in the local newspaper. All comments and questions will be directed to the local EMA office for follow-up.

Section III. Conclusion

Because of the time and effort put into the hazard mitigation update process, Emanuel County officials and employees have obtained a great deal of information and knowledge regarding the County's disaster history, the presence of natural hazards, the likelihood of each of these hazards occurring within the county, and the potential impacts and challenges these hazards present to the community.

The mission of the Emanuel County Hazard Mitigation Update Committee is: To make the citizens, businesses, communities, and local governments of Emanuel County less vulnerable to the effects of natural hazards through the effective study of hazard mitigation, hazard risk assessments, wise flood plain management, and a coordinated approach to mitigation policy through federal, state, regional, and local planning activities.

The Committee feels that this plan, when implemented, will help to make all of Emanuel County a safer place to live and work for all of its citizens.

Section IV. References

Publications:

- FEMA Pre-Disaster Mitigation How-to-Guides # 1, 2, 3, 4, 5, 6, 7, 9, (FEMA)
- 2013 FEMA Local Mitigation Planning Handbook
- 2019 U.S Census/Population Estimates
- Georgia Forestry Commission Wildfire Data- Emanuel County
- 2017 USDA Emanuel County Census of Agriculture
- 2017 A Joint Comprehensive Plan for Emanuel County, Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City Georgia
- 2019 Georgia Department of Labor: Emanuel County Labor Profile
- Hazard Risk Analyses Supplement to the Emanuel County Joint Hazard Mitigation Plan

Websites:

- Albany New Herald (https://www.albanyherald.com/news/irs-extends-relief-for-georgia-farmers-ranchers-affected-by-drought/article_4469d788-e6c0-11e9-aa02-2f3303a7a8cf.html)
- Centers for Disease Control and Prevention (https://www.cdc.gov)
- Environmental Protection Agency (www.epa.gov)
- Environmental Protection Division (www.EPD.Georgia.gov)
- FEMA (https://www.fema.gov/)
- GEMA (www.gema.georgia.gov)
- National Climatic Data Center (www.ncdc.noaa.gov)
- New Habersham (https://nowhabersham.com/extreme-icing-event-southeast-georgia/)
- Pipeline and Hazardous Materials Safety Administration (www.phmsa.dot.gov)
- Southern Group of State Foresters: Wildfire Risk Assessment Portal (www.southernwildfirerisk.com)
- The National Severe Storms Laboratory (https://www.nssl.noaa.gov/education/svrwx101/thunderstorms/faq/)
- The National Weather Service (www.weather.gov)
- The Southeast Regional Climate Center (www.sercc.com)
- United States Drought Monitor (www.droughtmonitor.unl.edu)

THUNDERSTORM/ WINDSTORM

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

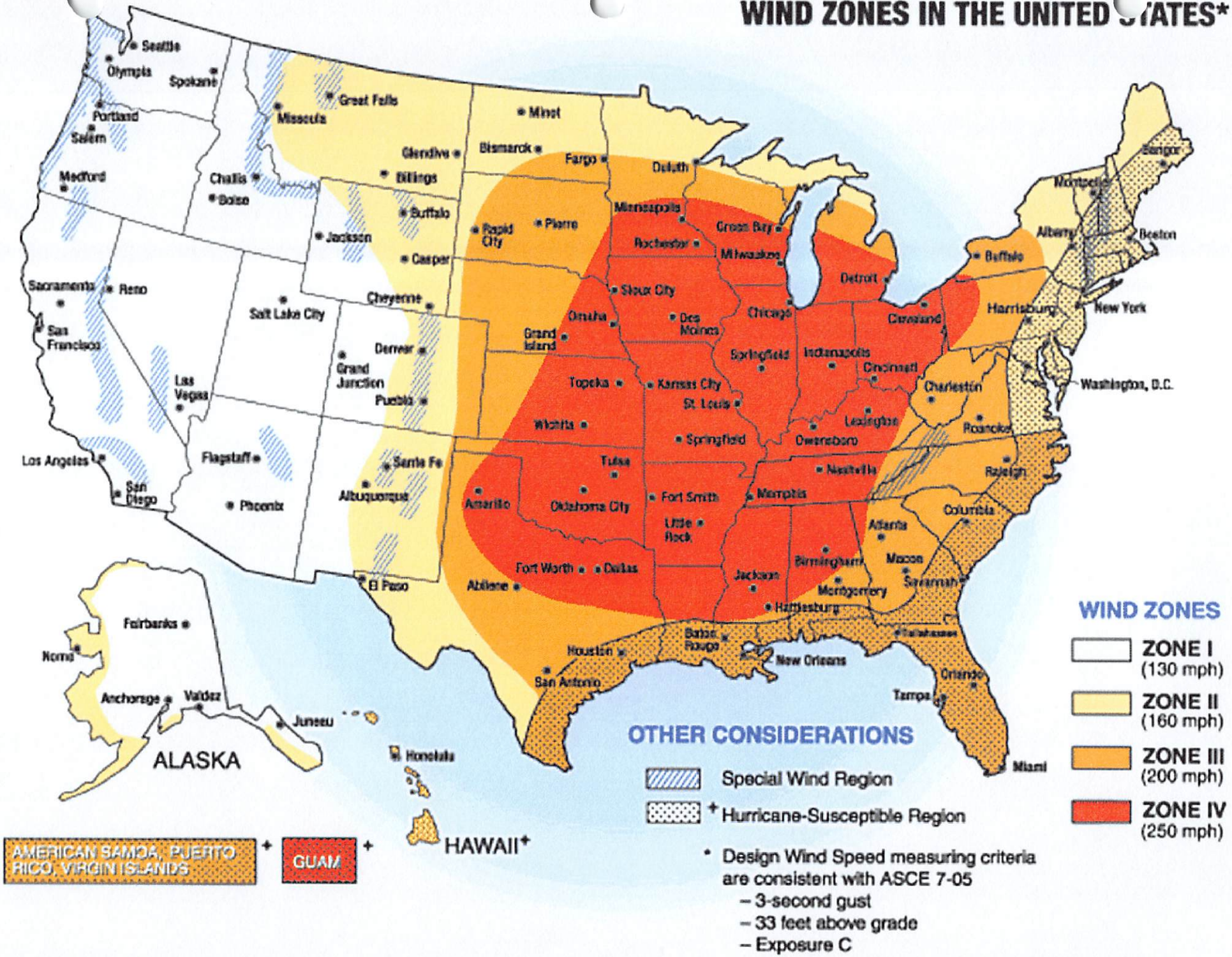
HAILSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	**Date of Event**	**Injuries**	**Deaths**	**Property Damage**	**Crop Damage**
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS

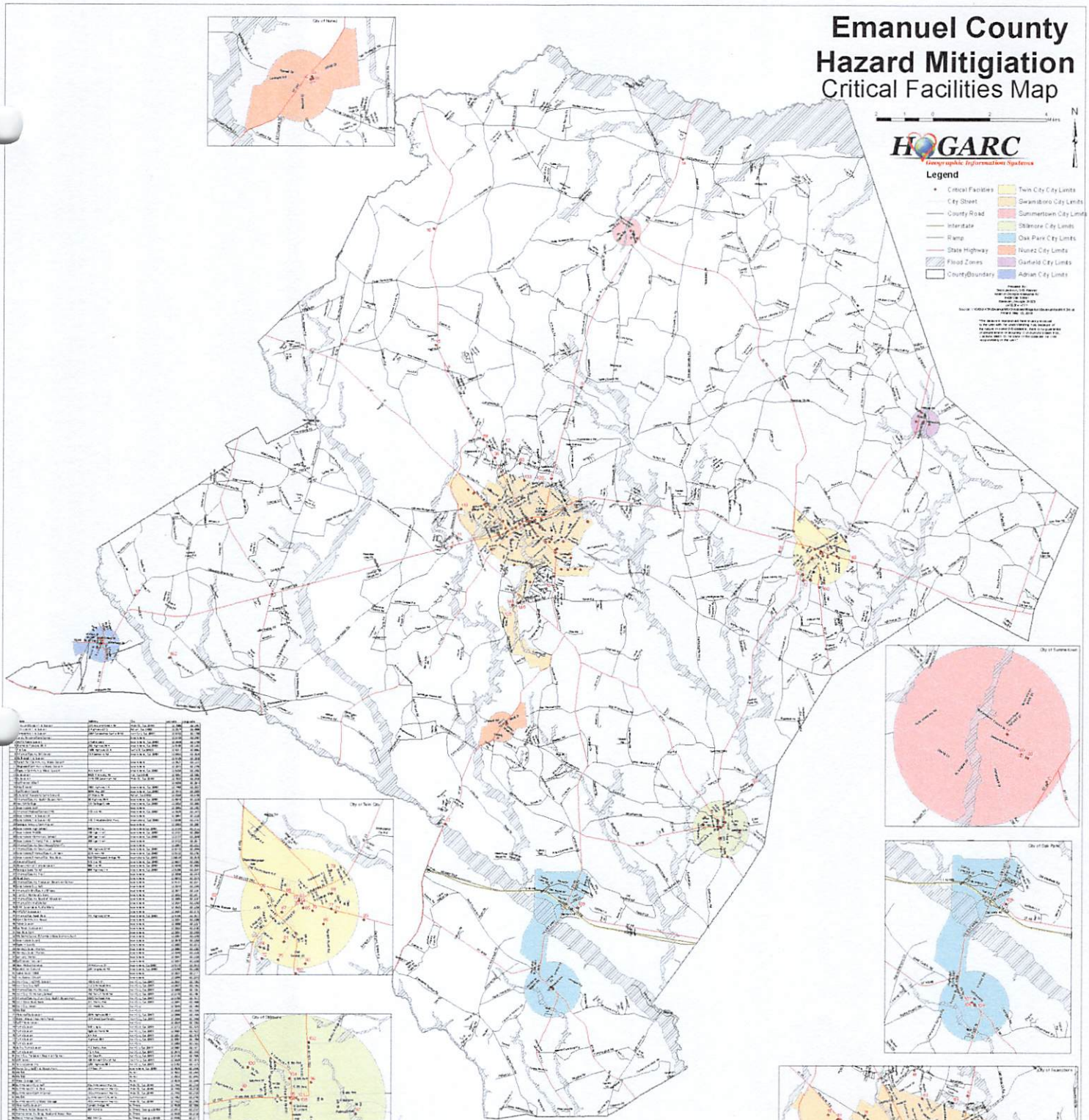
WIND ZONES IN THE UNITED STATES*

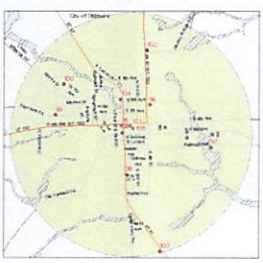


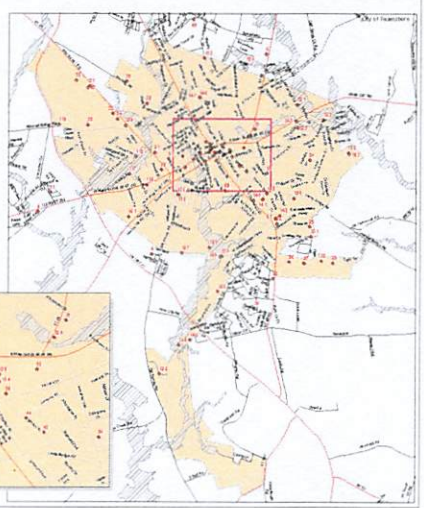
* Design Wind Speed measuring criteria are consistent with ASCE 7-05
- 3-second gust
- 33 feet above grade
- Exposure C

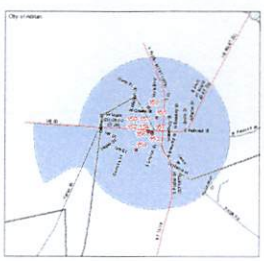
Emanuel County Hazard Mitigation

Critical Facilities Map









City of Twin City Hazard Mitigiation

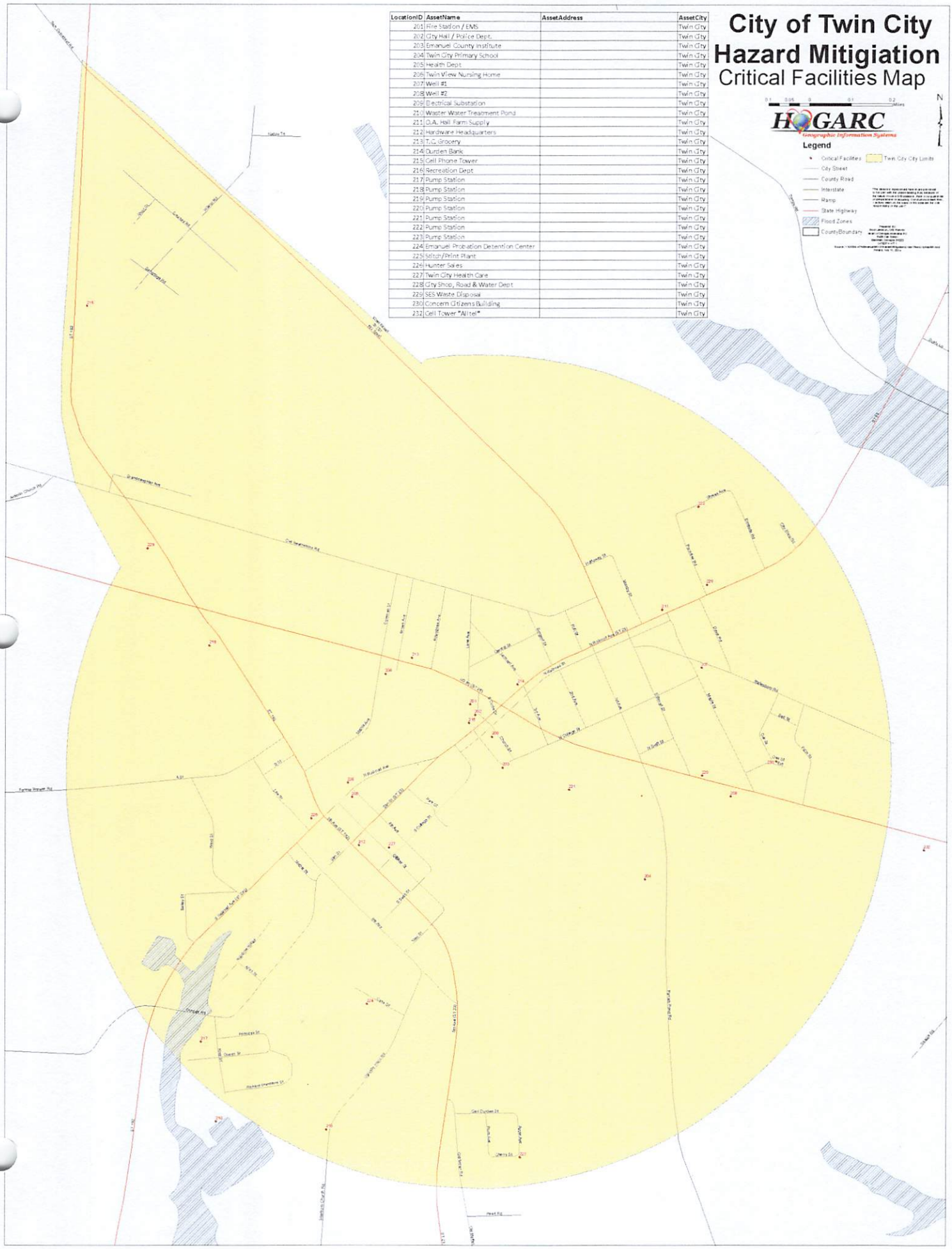
Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept.		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HOGARC
Geographic Information Systems

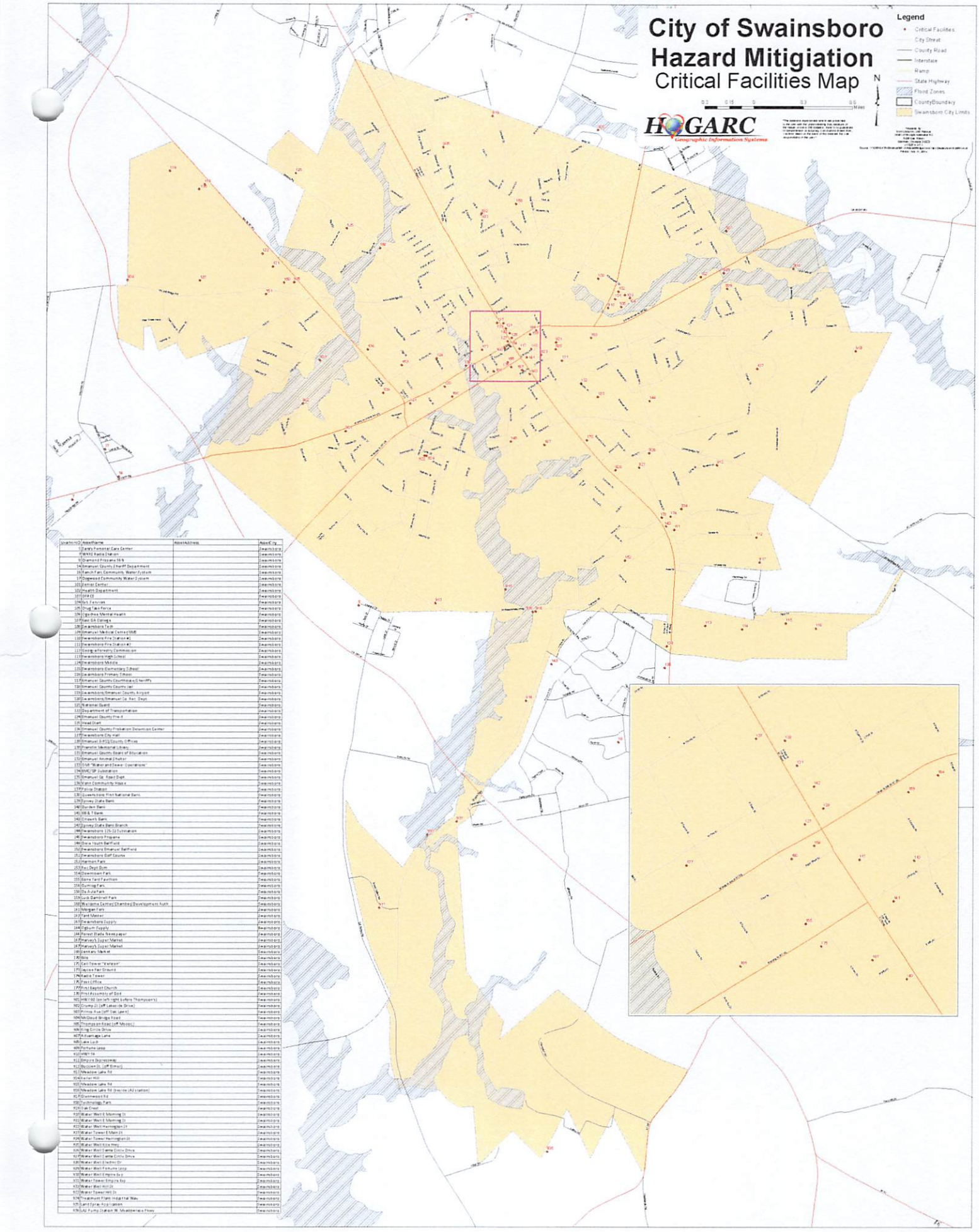
Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- County Boundary



City of Swainsboro Hazard Mitigation

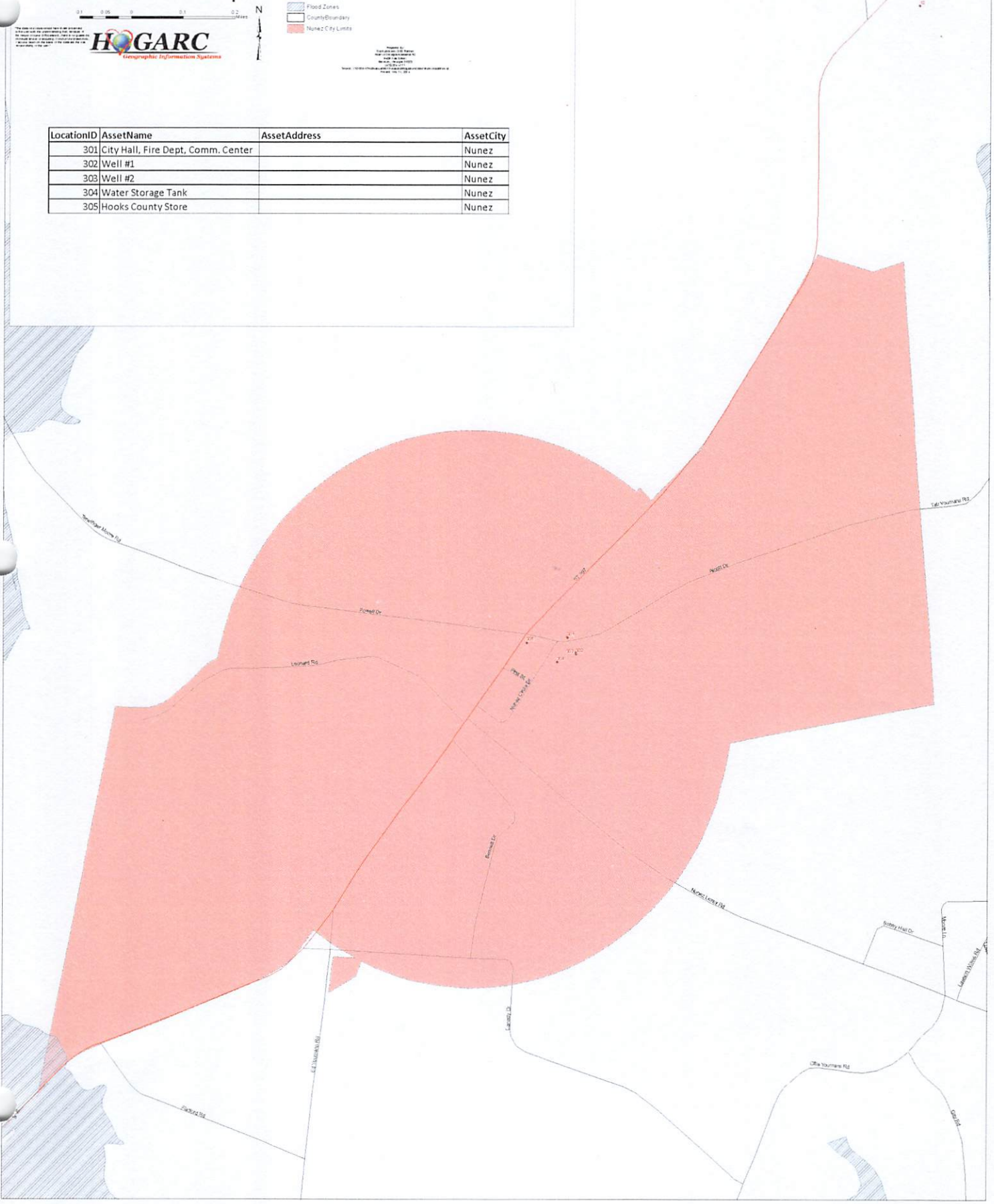
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Early Memorial Care Center		Swainsboro
2	WWKQ Radio Station		Swainsboro
9	Diamond Propane Gas N		Swainsboro
34	Emanuel County Sheriff Department		Swainsboro
16	Ranch Park Community Water System		Swainsboro
17	Dogwood Community Water System		Swainsboro
101	Senior Center		Swainsboro
102	Health Department		Swainsboro
107	DFACS		Swainsboro
104	Visit Services		Swainsboro
105	Drug Task Force		Swainsboro
106	Ogeechee Mental Health		Swainsboro
107	East GA College		Swainsboro
108	Swainsboro Tech		Swainsboro
109	Emanuel Medical Center/EMS		Swainsboro
110	Swainsboro Fire Station #2		Swainsboro
111	Swainsboro Fire Station #3		Swainsboro
112	Georgia Forestry Commission		Swainsboro
113	Swainsboro High School		Swainsboro
114	Swainsboro Middle		Swainsboro
115	Swainsboro Elementary School		Swainsboro
116	Swainsboro Primary School		Swainsboro
117	Emanuel County Courthouse/Sheriffs		Swainsboro
118	Emanuel County County Jail		Swainsboro
119	Swainsboro/Emanuel County Airport		Swainsboro
120	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
121	National Guard		Swainsboro
122	Department of Transportation		Swainsboro
124	Emanuel County Fire-II		Swainsboro
125	Head Start		Swainsboro
126	Emanuel County Probation Detention Center		Swainsboro
127	Swainsboro City Hall		Swainsboro
128	Emanuel E-911/County Offices		Swainsboro
129	Brannen Memorial Library		Swainsboro
131	Emanuel County Board of Education		Swainsboro
132	Emanuel Animal Shelter		Swainsboro
133	GMC "Water and Sewer Operations"		Swainsboro
134	MMC/GP Substation		Swainsboro
135	Emanuel Co. Road Dept		Swainsboro
136	Ware Community House		Swainsboro
137	Fire Station		Swainsboro
138	Queensboro First National Bank		Swainsboro
139	Coney State Bank		Swainsboro
140	Darien Bank		Swainsboro
141	BB & T Bank		Swainsboro
142	Citizen's Bank		Swainsboro
143	Coney State Bank Branch		Swainsboro
144	Swainsboro 115-12 Substation		Swainsboro
145	Swainsboro Propane		Swainsboro
146	Dixie Youth Ballfield		Swainsboro
150	Swainsboro Emanuel Ballfield		Swainsboro
151	Swainsboro Golf Course		Swainsboro
152	Harrison Park		Swainsboro
153	Rec Dept Gym		Swainsboro
154	Downtown Park		Swainsboro
155	Kerry Yard Pavilion		Swainsboro
156	Quiring Park		Swainsboro
158	Da Avila Park		Swainsboro
159	Jack Gambrell Park		Swainsboro
160	Swainsboro Darien Chamber/Development Auth		Swainsboro
161	Morgan Park		Swainsboro
162	Plant Master		Swainsboro
163	Swainsboro Supply		Swainsboro
164	Gypsum Supply		Swainsboro
166	Forest State Newspaper		Swainsboro
167	Harvey's Super Market		Swainsboro
168	Harvey's Super Market		Swainsboro
169	Bellamy Market		Swainsboro
170	Nitro		Swainsboro
171	Cell Tower "Verizon"		Swainsboro
172	Jaycee Fair Ground		Swainsboro
174	Radio Tower		Swainsboro
175	Post Office		Swainsboro
177	First Baptist Church		Swainsboro
180	First Assembly of God		Swainsboro
181	WBBO 92 (on left right before Thompson's)		Swainsboro
182	Crump Jr (Jeff Lakeside Drive)		Swainsboro
183	Primo Ave (off Oak Lawn)		Swainsboro
184	McCloud Bridge Road		Swainsboro
185	Thompson Road (off Moore)		Swainsboro
186	King Circle Drive		Swainsboro
187	Fountaine Lane		Swainsboro
188	Lake Lucb		Swainsboro
189	Fortune Loop		Swainsboro
192	WBTY 94		Swainsboro
193	Empire Expressway		Swainsboro
197	Bucklam Dr. (off Elmer)		Swainsboro
198	Meadow Lake Rd		Swainsboro
204	Keller Hill		Swainsboro
205	Meadow Lake Rd		Swainsboro
206	Meadow Lake Rd (Inside (A) station)		Swainsboro
207	Glenwood Rd		Swainsboro
208	Technology Park		Swainsboro
209	Oak Crest		Swainsboro
210	Water Well 6 Morning Dr		Swainsboro
211	Water Well 5 Morning Dr		Swainsboro
212	Water Well Hemingson Dr		Swainsboro
213	Water Tower 5 Main St		Swainsboro
214	Water Tower Hemingson Dr		Swainsboro
215	Water Well Kite Hwy		Swainsboro
216	Water Well Dante Circle Drive		Swainsboro
217	Water Well Dante Circle Drive		Swainsboro
218	Water Well Electric Dr		Swainsboro
219	Water Well Fortune Loop		Swainsboro
220	Water Well Empire Exp		Swainsboro
221	Water Tower Empire Exp		Swainsboro
222	Water Well Hill Dr		Swainsboro
223	Water Tower Hill Dr		Swainsboro
224	Treatment Plant Industrial Way		Swainsboro
225	Land Spray Application		Swainsboro
226	(A) Pump Station W. Meadowlake Pkwy		Swainsboro

City of Nunez Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Adrian
Hazard Mitigiation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

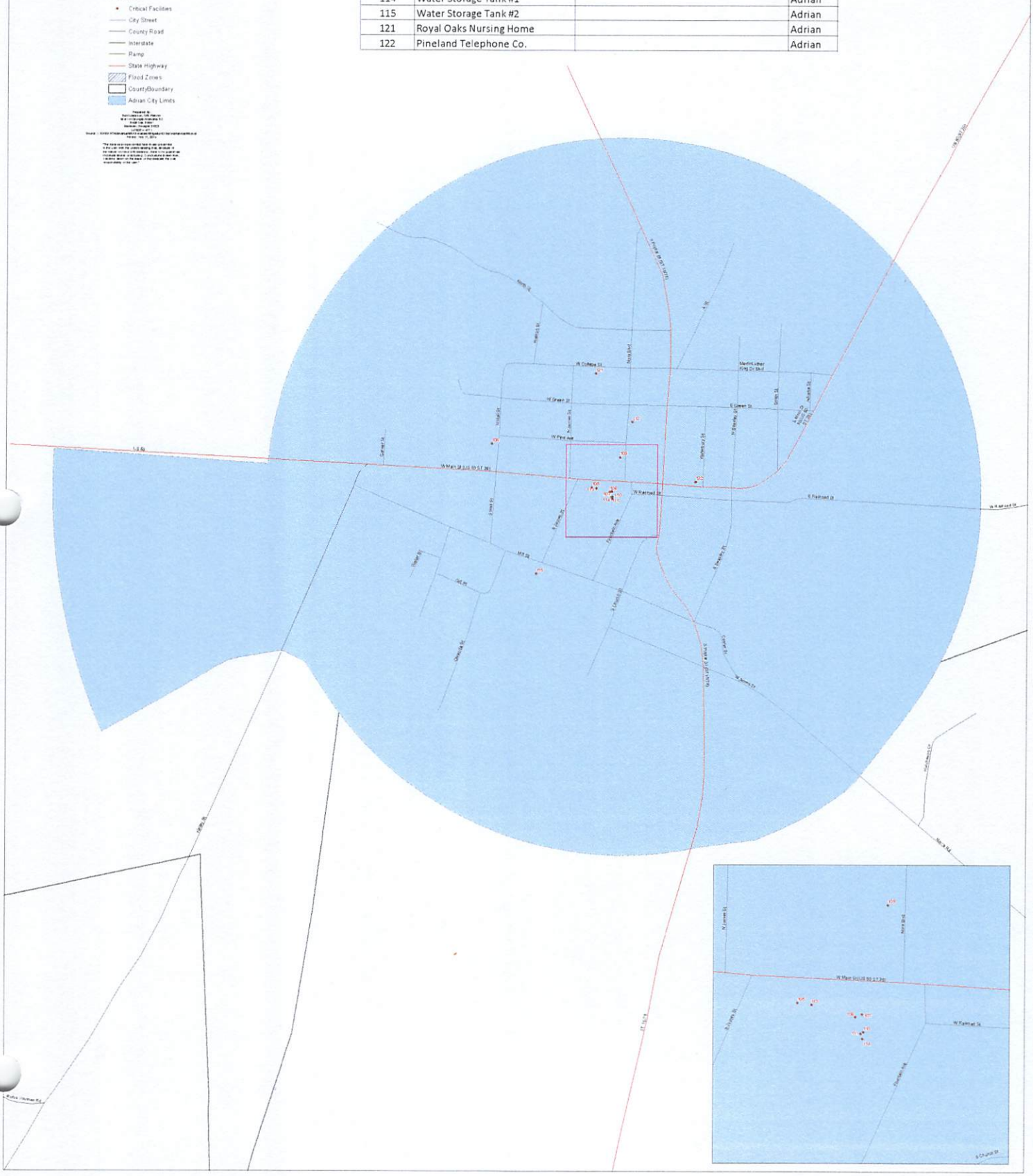
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

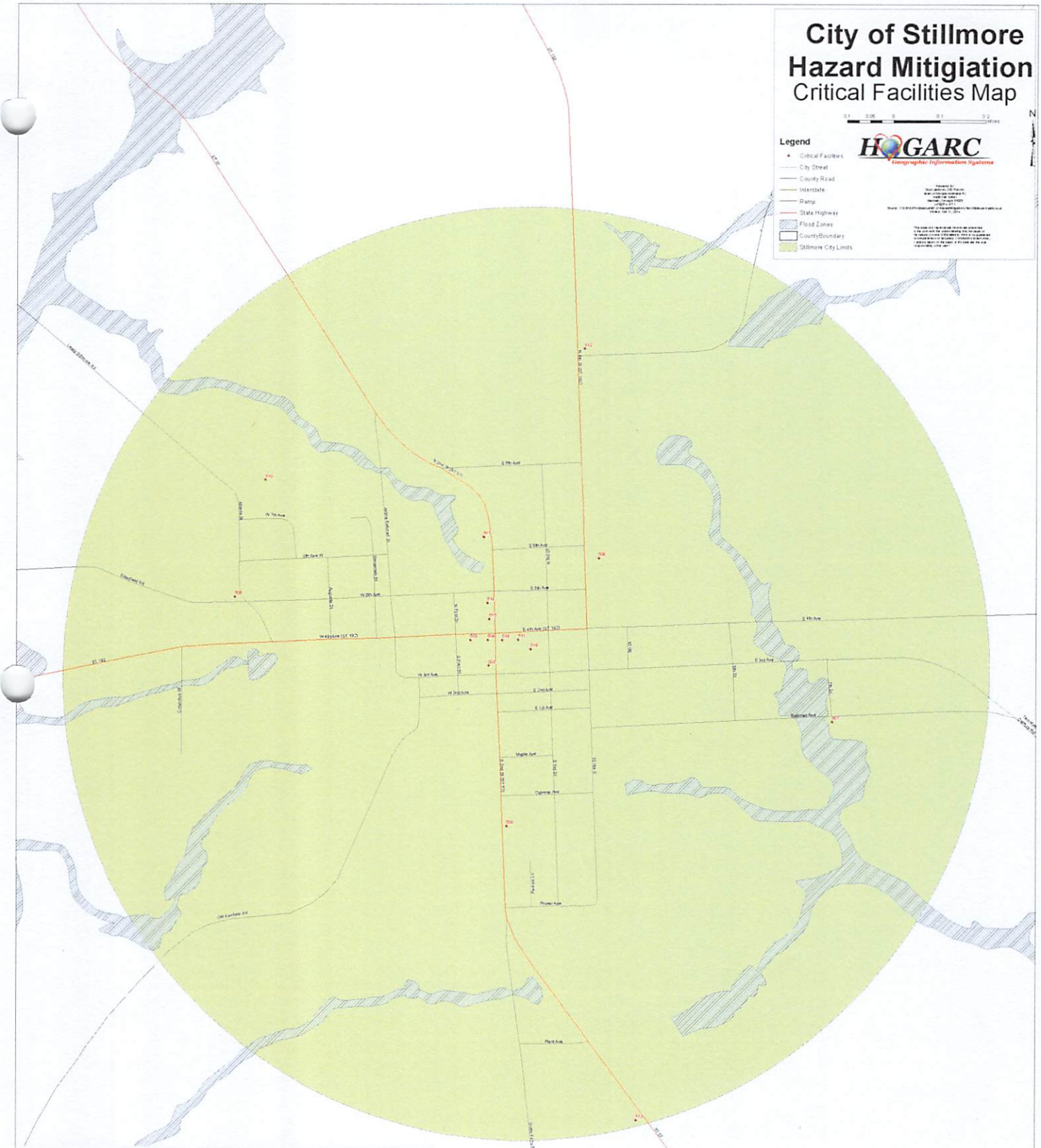
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

Critical Facilities Map



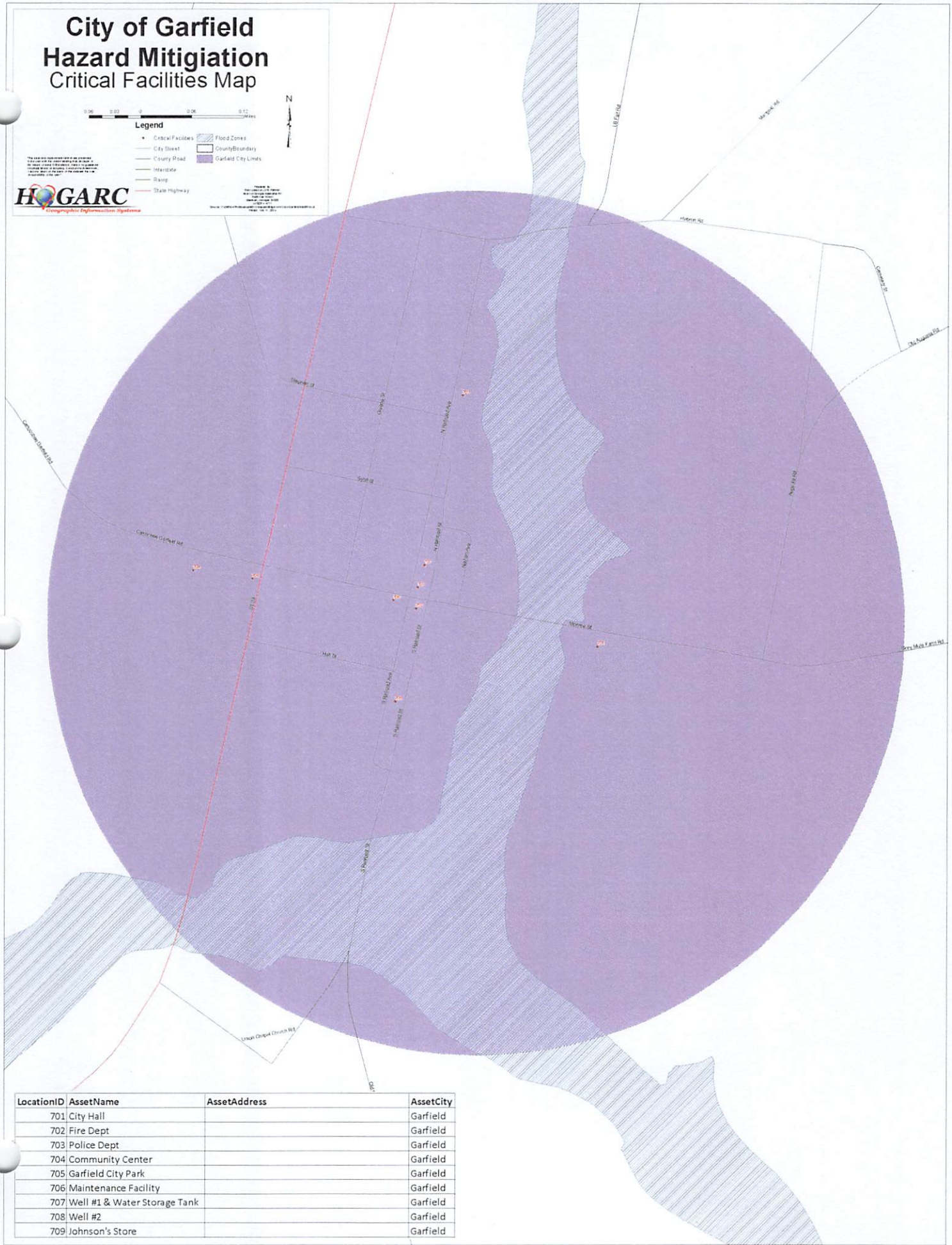
LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

City of Summertown Hazard Mitigiation

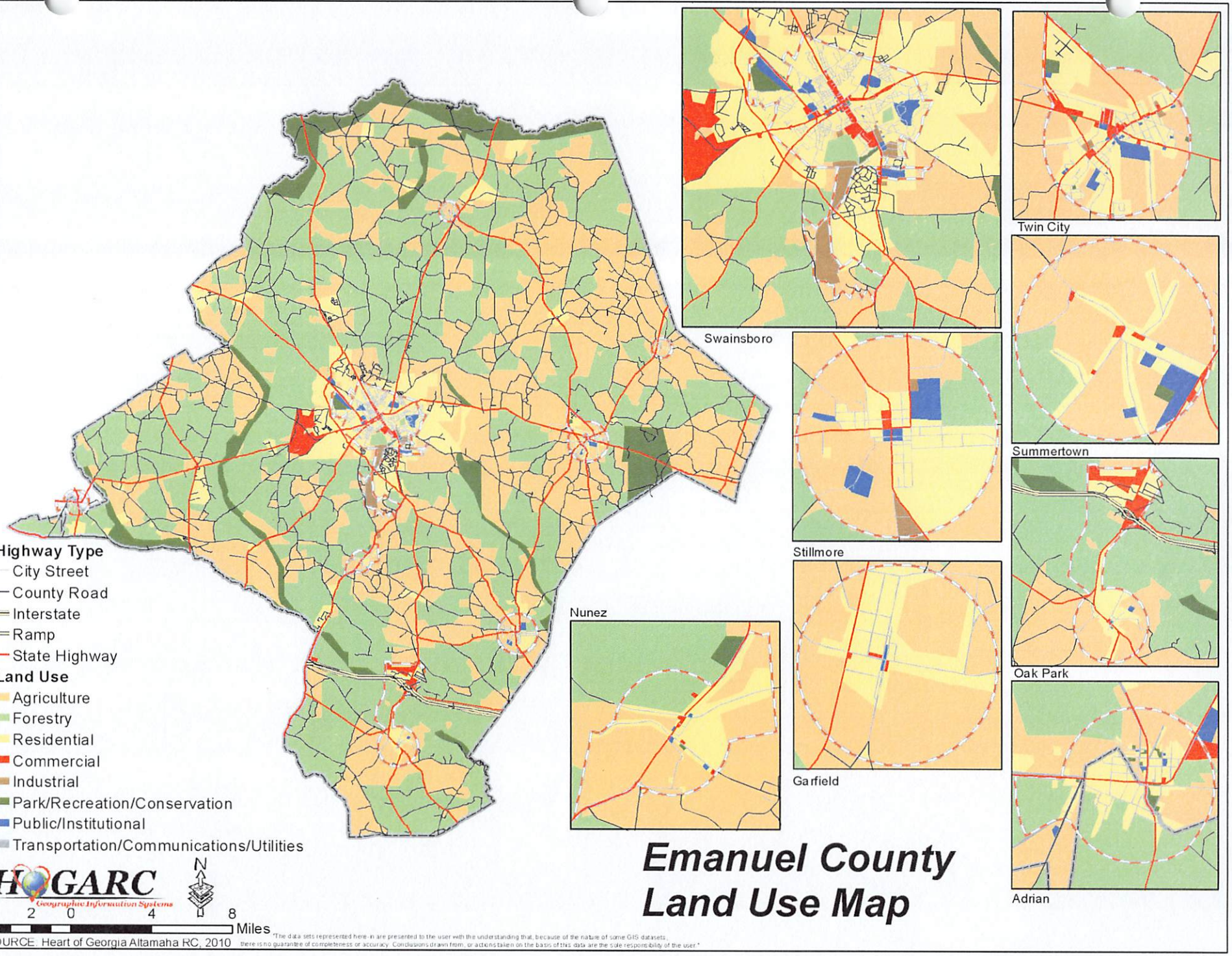
Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



Emanuel County Land Use Map

HOGARC Geographic Information Systems

SOURCE: Heart of Georgia Altamaha RC, 2010

"The data sets represented here in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

TROPICAL STORM/ HURRICANE

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List																	
Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	$1,590,000.00	$0.00

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	$30,000.00	$0.00

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	$0.00	$0.00

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

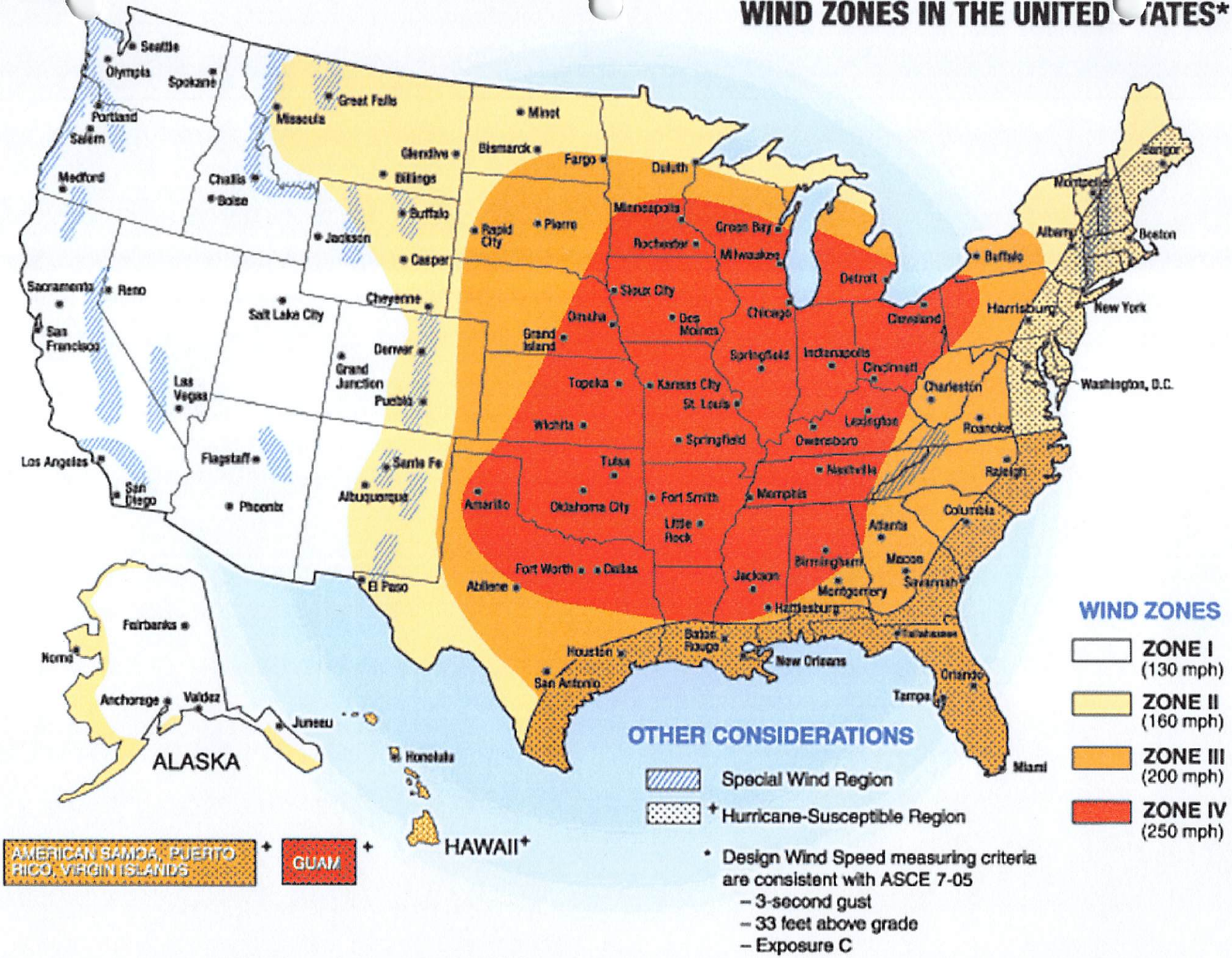
HAILSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	**Date of Event**	**Injuries**	**Deaths**	**Property Damage**	**Crop Damage**
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS

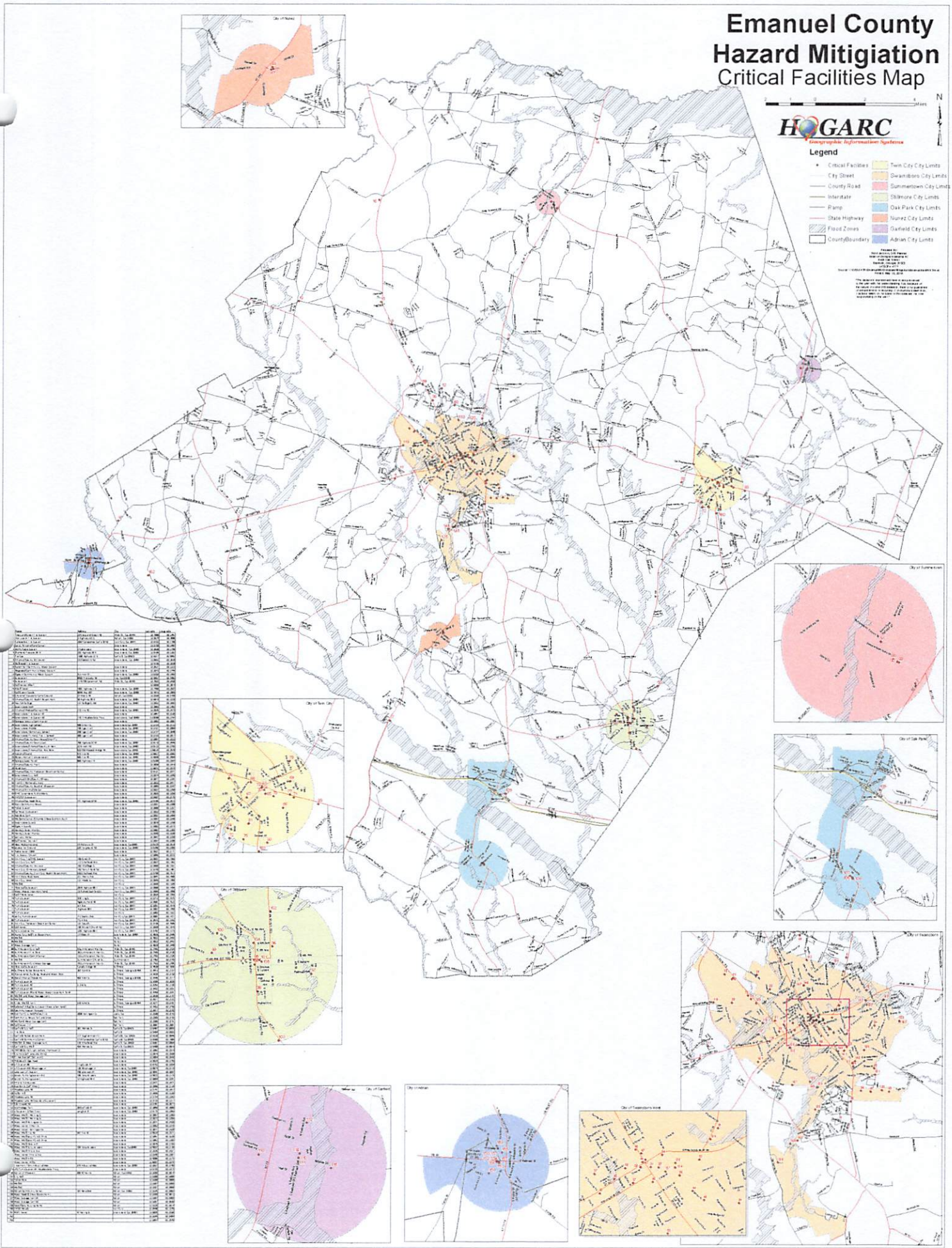
WIND ZONES IN THE UNITED STATES*



* Design Wind Speed measuring criteria are consistent with ASCE 7-05
- 3-second gust
- 33 feet above grade
- Exposure C

Emanuel County Hazard Mitigation

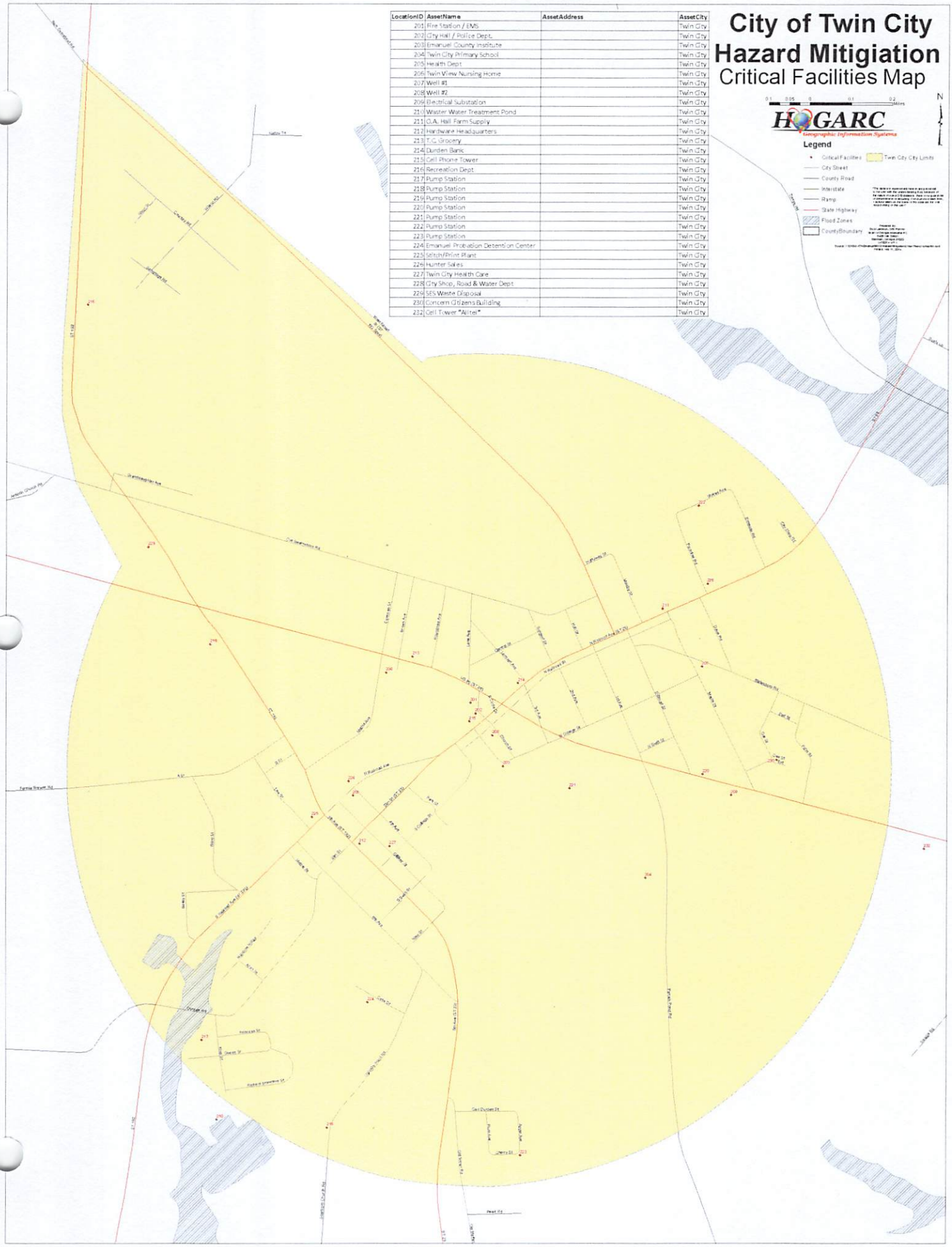
Critical Facilities Map



City of Twin City Hazard Mitigiation

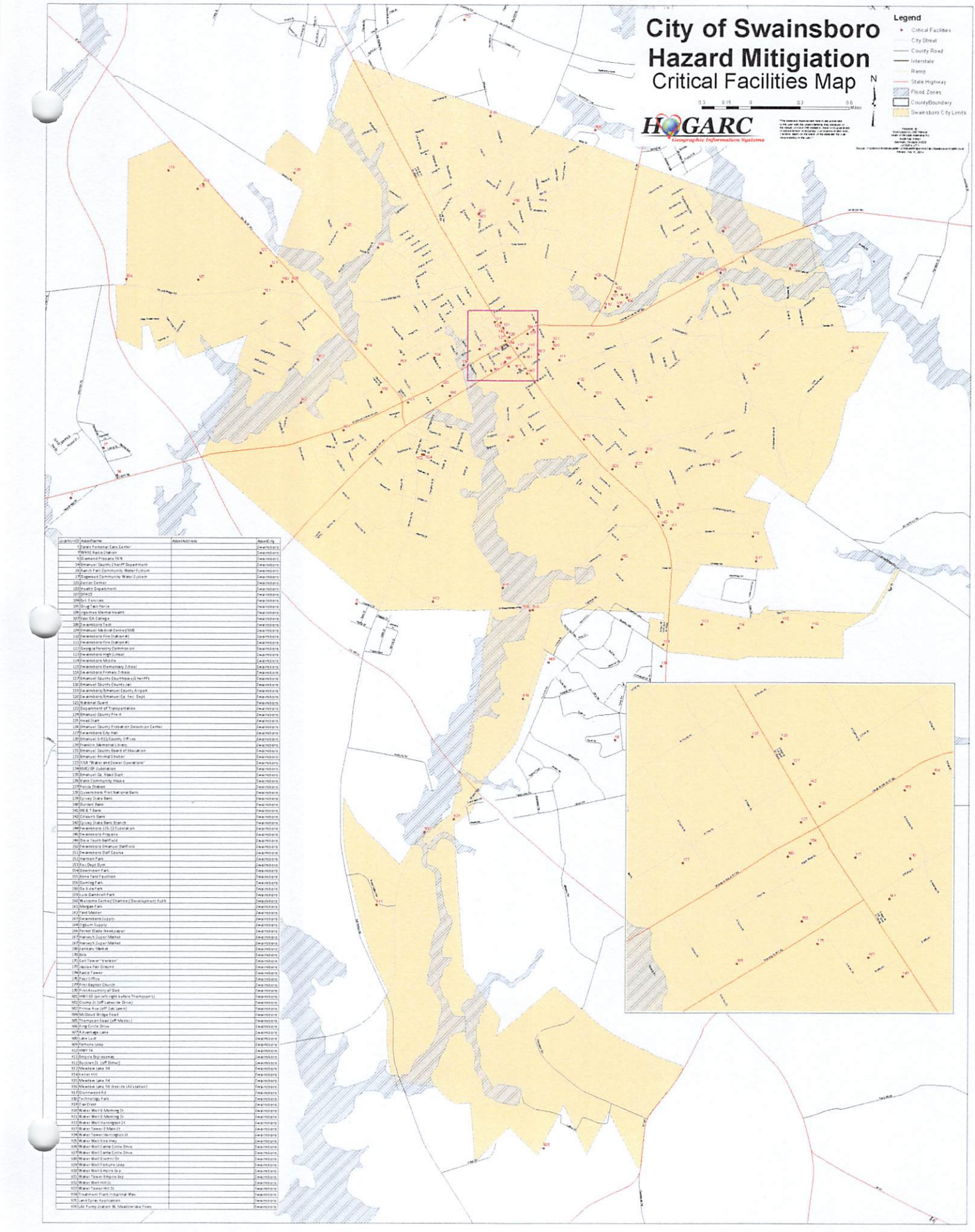
Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City



City of Swainsboro Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Sandy Pantsonal Care Center		Swainsboro
	WWNG Radio Station		Swainsboro
9	Diamond Propane 564		Swainsboro
14	Emanuel County Sheriff Department		Swainsboro
16	Ranch Fam Community Water Forum		Swainsboro
17	Edgewood Community Water System		Swainsboro
101	Senior Center		Swainsboro
102	Health Department		Swainsboro
107	DHACT		Swainsboro
104	911 Services		Swainsboro
105	Drug Task Force		Swainsboro
106	Ogeechee Mental Health		Swainsboro
107	East GA College		Swainsboro
108	Swainsboro Tech		Swainsboro
109	Emanuel Medical Center/EMS		Swainsboro
110	Swainsboro Fire Station #4		Swainsboro
111	Swainsboro Fire Station #1		Swainsboro
112	Georgia Forestry Commission		Swainsboro
113	Swainsboro High School		Swainsboro
114	Swainsboro Middle		Swainsboro
115	Swainsboro Elementary School		Swainsboro
116	Swainsboro Primary School		Swainsboro
117	Emanuel County Courthouse/Sheriff's		Swainsboro
118	Emanuel County County Jail		Swainsboro
119	Swainsboro/Emanuel County Airport		Swainsboro
120	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
121	National Guard		Swainsboro
122	Department of Transportation		Swainsboro
124	Emanuel County Fire-X		Swainsboro
125	Head Start		Swainsboro
126	Emanuel County Probation Detention Center		Swainsboro
127	Swainsboro City Hall		Swainsboro
130	Emanuel E-911/County Offices		Swainsboro
132	Franklin Memorial Library		Swainsboro
133	Emanuel County Board of Education		Swainsboro
134	Emanuel Animal Shelter		Swainsboro
135	GUA "Water and Sewer Operations"		Swainsboro
136	MMC/GP Substation		Swainsboro
138	Emanuel Co. Road Dept		Swainsboro
139	Ward Community House		Swainsboro
140	Police Station		Swainsboro
141	Queensboro First National Bank		Swainsboro
142	Ogeechee State Bank		Swainsboro
143	Dunbar Bank		Swainsboro
144	BB & T Bank		Swainsboro
145	Ocean's Bank		Swainsboro
147	Ogeechee State Bank Branch		Swainsboro
148	Swainsboro 115-13 Substation		Swainsboro
149	Swainsboro Propane		Swainsboro
149	Dixie Youth Ballfield		Swainsboro
150	Swainsboro Emanuel Ballfield		Swainsboro
151	Swainsboro Golf Course		Swainsboro
152	Hampton Park		Swainsboro
153	Rec Dept Gym		Swainsboro
154	Downtown Park		Swainsboro
155	Stone Yard Pavilion		Swainsboro
156	Dunlap Park		Swainsboro
158	Dr. Kyle Park		Swainsboro
159	Lucie Cambrell Park		Swainsboro
160	Welcome Center/ Chamber/ Development Auth		Swainsboro
161	Morgan Farr		Swainsboro
162	Yard Master		Swainsboro
167	Swainsboro Supply		Swainsboro
168	Osburn Supply		Swainsboro
166	Forest State Nursery		Swainsboro
167	Harvey's Super Market		Swainsboro
167	Harvey's Super Market		Swainsboro
169	Sanitary Market		Swainsboro
170	Bibb		Swainsboro
171	Cell Tower "Verizon"		Swainsboro
175	Dixie Fair Ground		Swainsboro
176	Radio Tower		Swainsboro
178	Post Office		Swainsboro
179	First Baptist Church		Swainsboro
180	First Assembly of God		Swainsboro
901	HWY 80 (on left right before Thompson's)		Swainsboro
902	Crump St (off Lakeside Drive)		Swainsboro
903	Primus Ave (off Oak Lane)		Swainsboro
904	McCloud Bridge Road		Swainsboro
905	Thompson Road (off Middle)		Swainsboro
906	King Circle Drive		Swainsboro
907	Adventage Lane		Swainsboro
908	Lake Lock		Swainsboro
909	Fortune Loop		Swainsboro
910	HWY 56		Swainsboro
911	Empire Expressway		Swainsboro
912	Scullen St. (off Elmer)		Swainsboro
913	Meadow Lake Rd		Swainsboro
914	Keller Hill		Swainsboro
915	Meadow Lake Rd		Swainsboro
916	Meadow Lake Rd (beside AG station)		Swainsboro
917	Glennwood Rd		Swainsboro
930	Technology Park		Swainsboro
931	Air Depot		Swainsboro
930	Water Well 6 Morning St		Swainsboro
931	Water Well 5 Morning St		Swainsboro
932	Water Well Hannigan Dr		Swainsboro
933	Water Tower E Main St		Swainsboro
936	Water Tower Hannigan Dr		Swainsboro
935	Water Well Kite Hwy		Swainsboro
936	Water Well Lamb Cintia Drive		Swainsboro
937	Water Well Lamb Cintia Drive		Swainsboro
938	Water Well Electric Dr		Swainsboro
939	Water Well Fortune Loop		Swainsboro
930	Water Well Empire Exp		Swainsboro
931	Water Tower Empire Exp		Swainsboro
932	Water Well Hill St		Swainsboro
933	Water Tower Hill St		Swainsboro
936	Treatment Plant Industrial Way		Swainsboro
935	Land Farm Application		Swainsboro
936	LAS Pump Station 36 Meadowlake Pkwy		Swainsboro

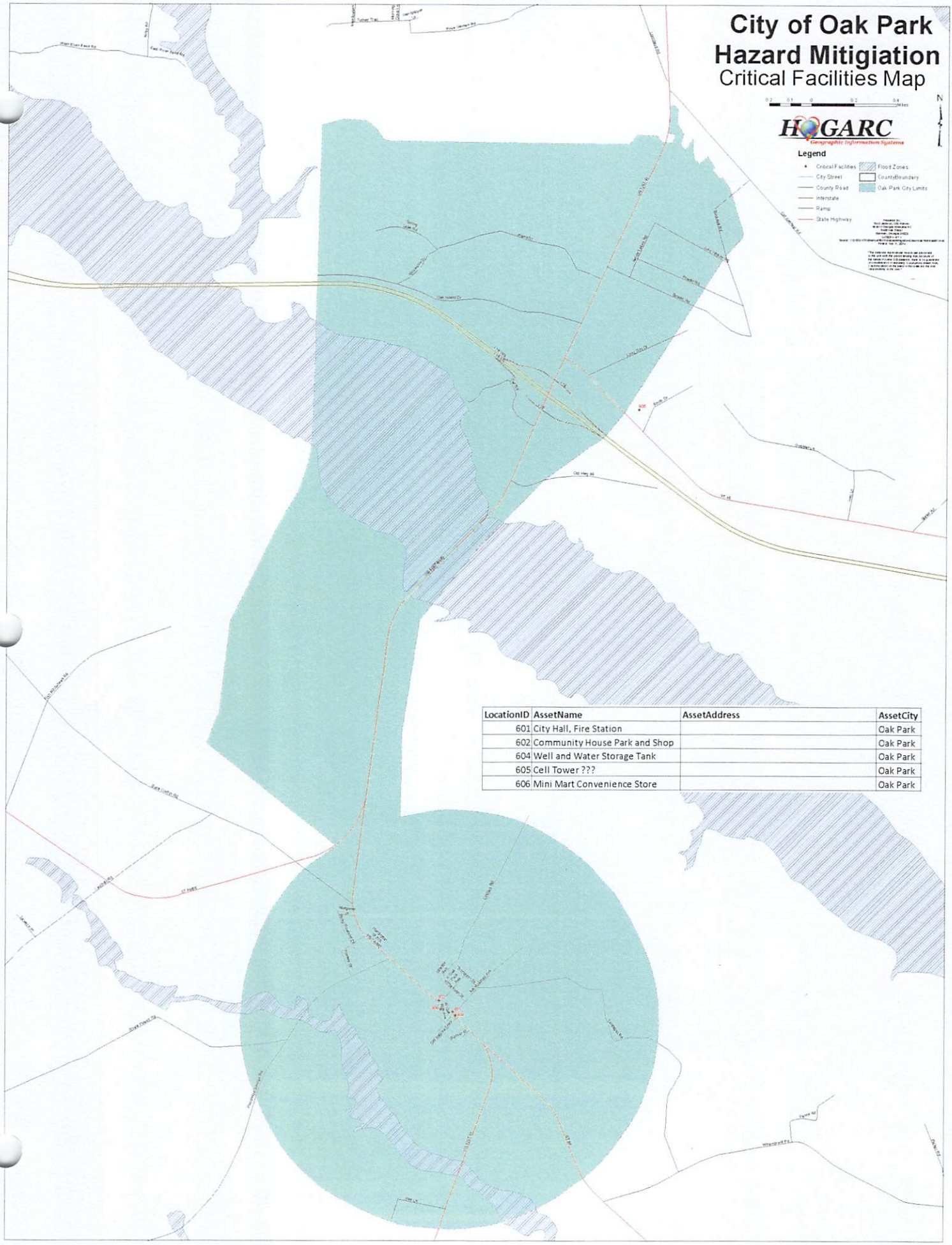
City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian Hazard Mitigation

Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

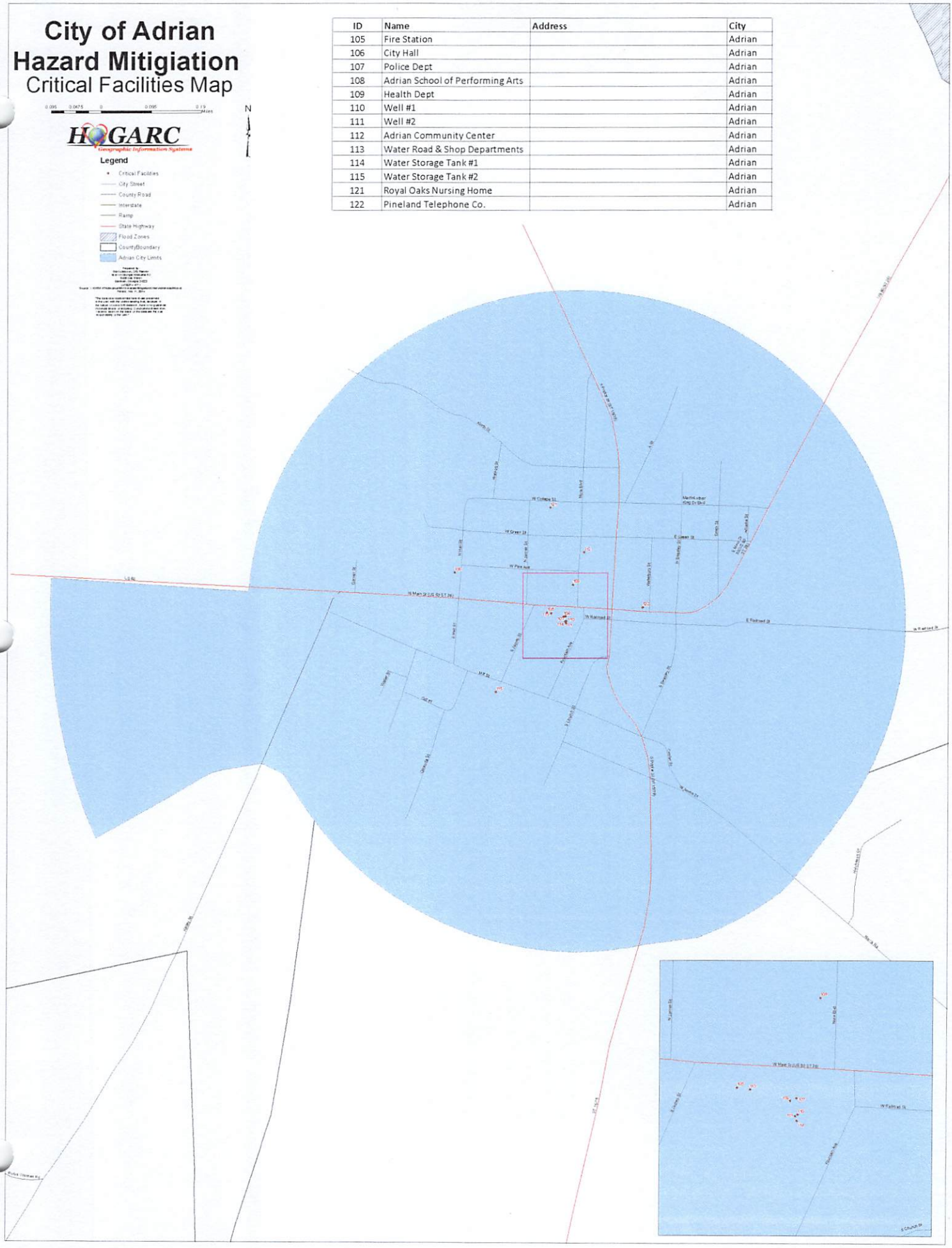
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits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W Church St
W Green St
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W Pine Ave
W Chelsea St
Martin Luther King Dr Blvd
N Main St
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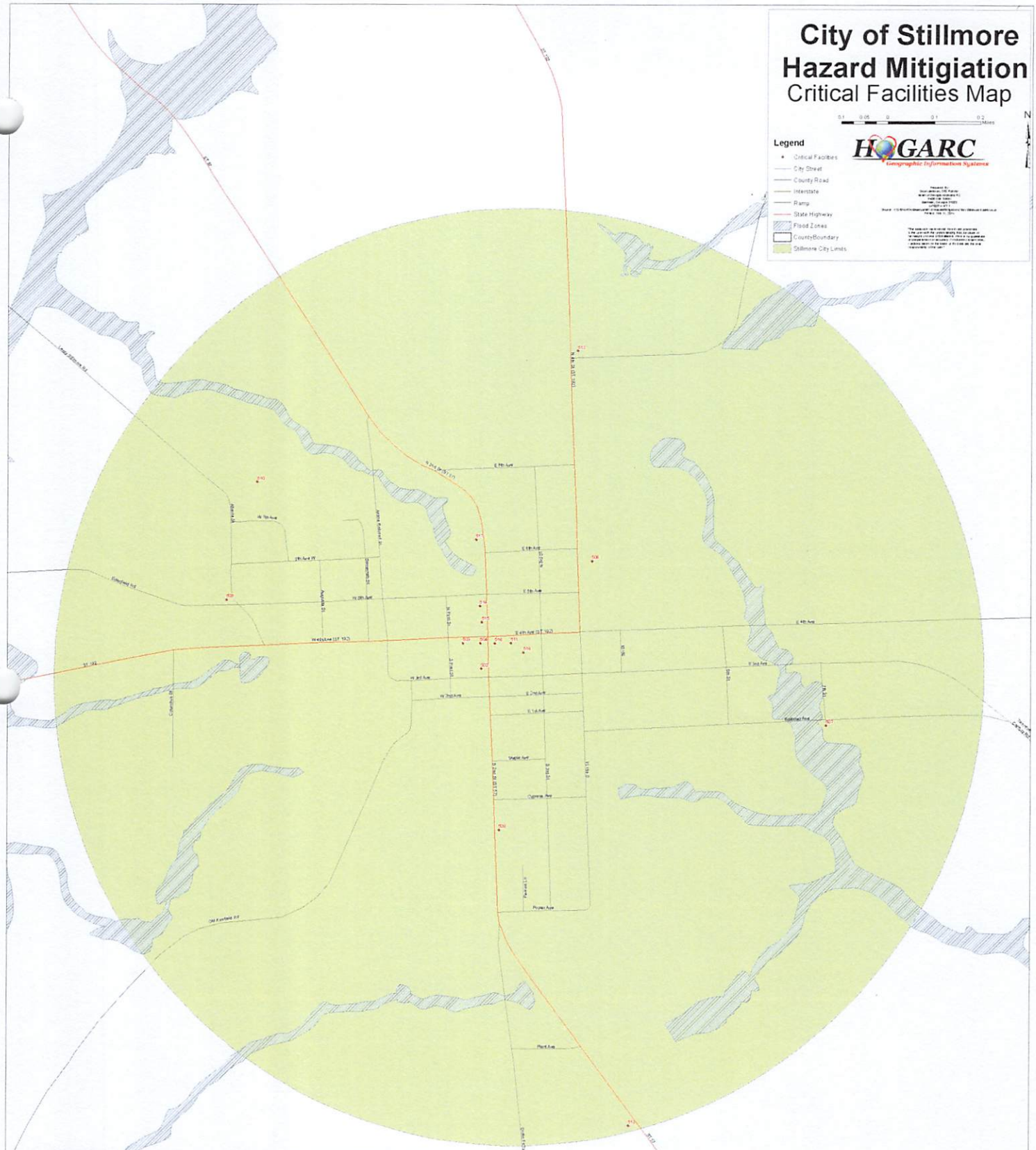
City of Stillmore Hazard Mitigiation

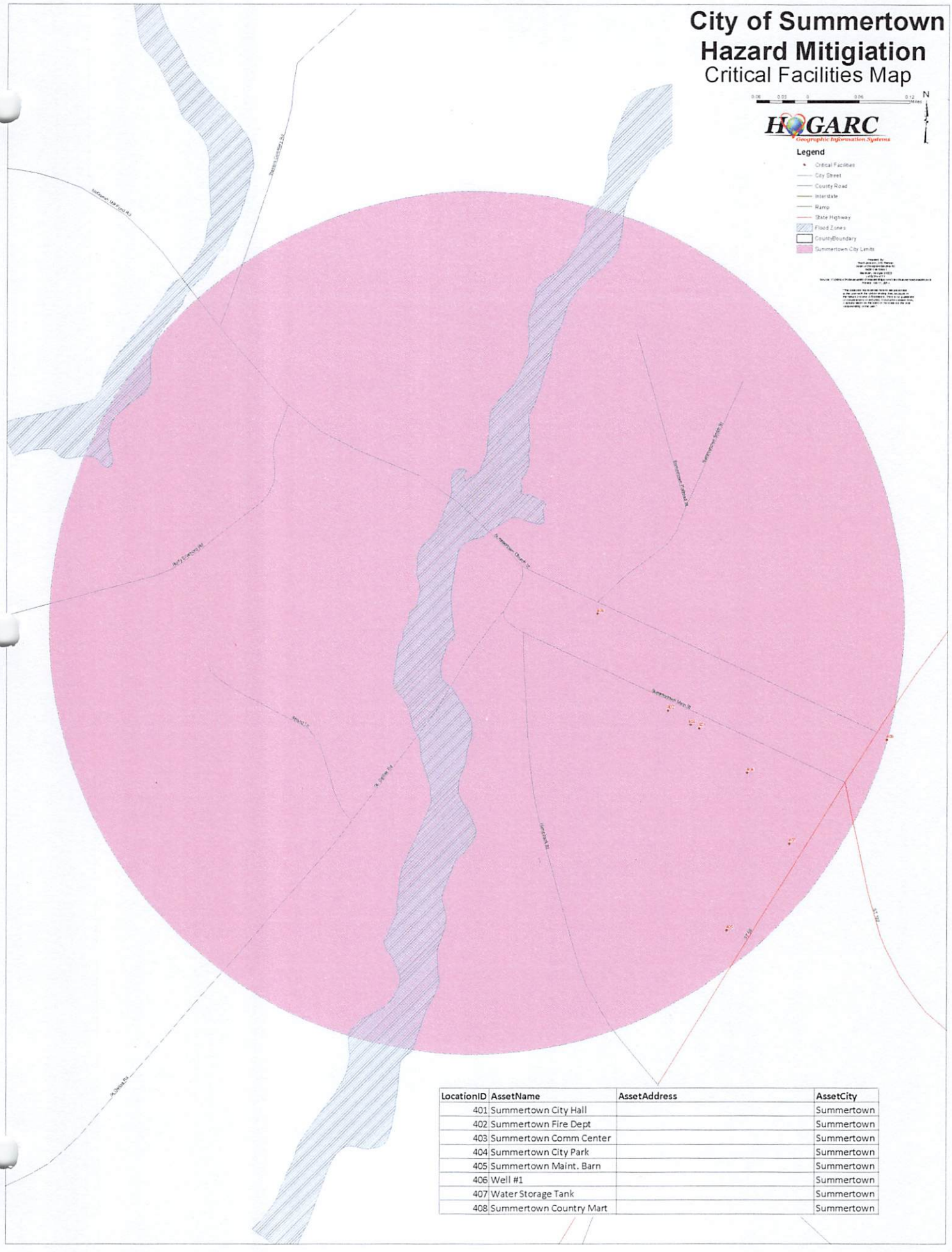
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Communication Repeater		Stillmore

City of Summertown Hazard Mitigiation

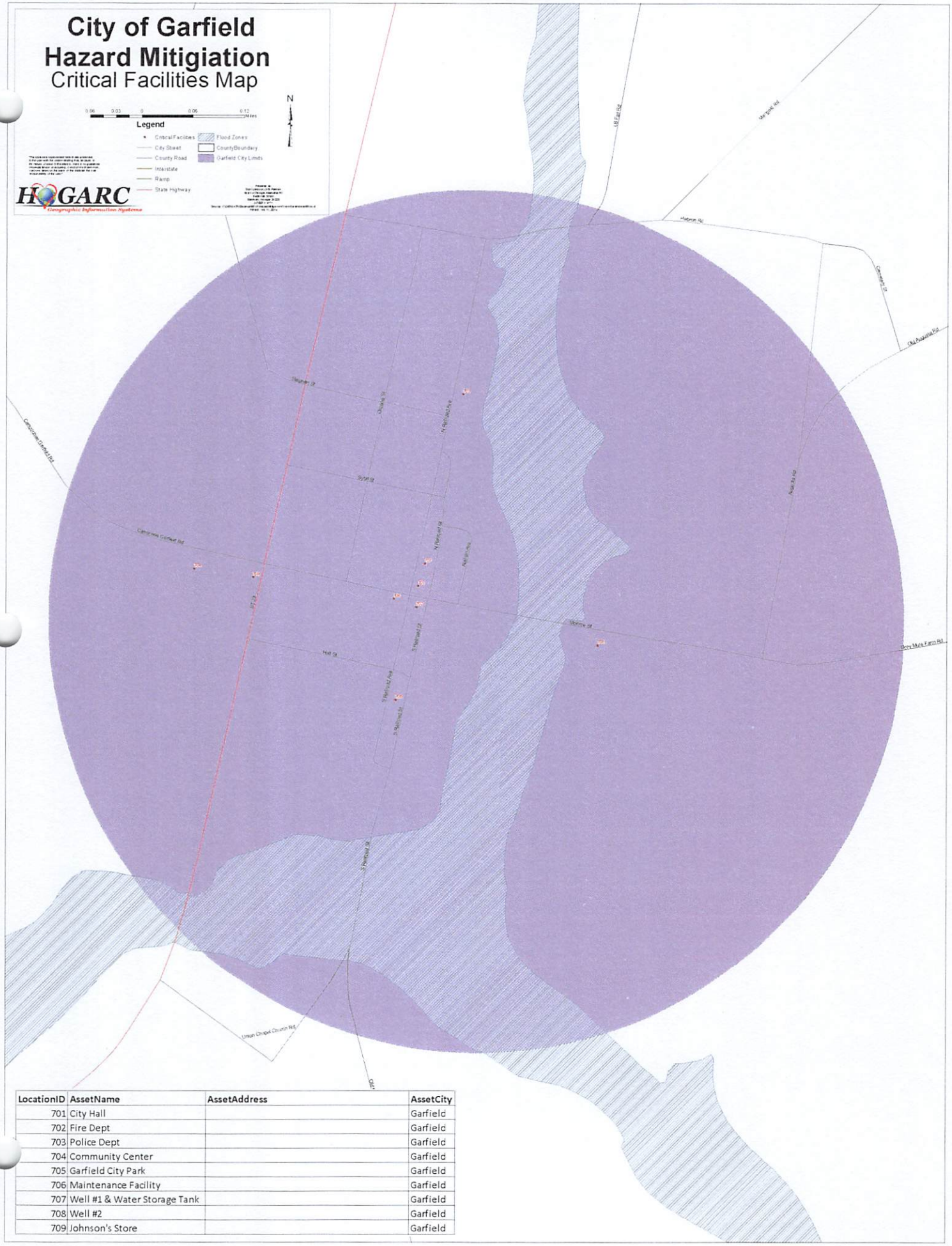
Critical Facilities Map



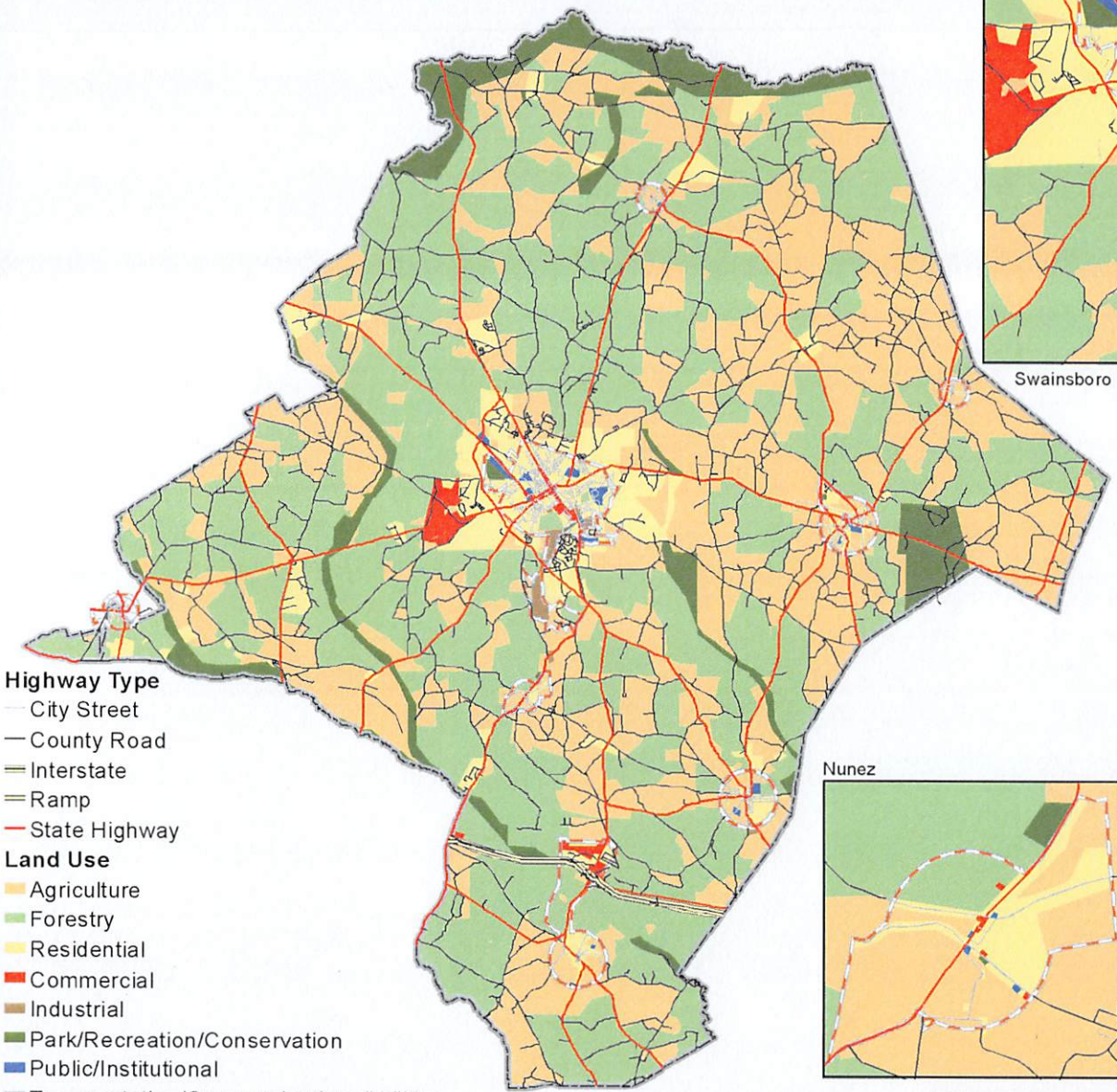
LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

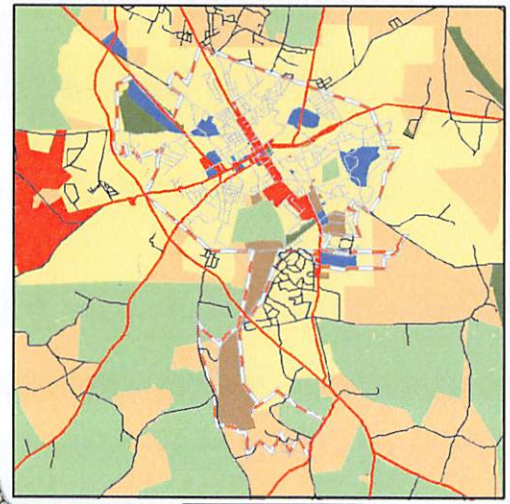
City of Garfield Hazard Mitigation

Critical Facilities Map



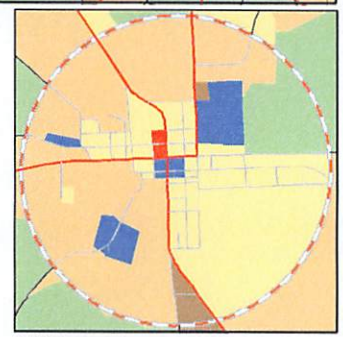
LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield





Swainsboro

Twin City



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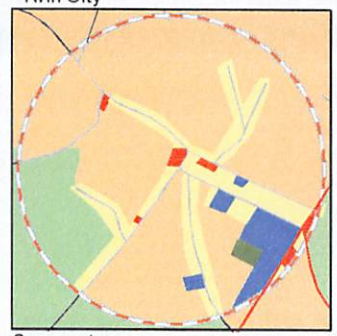
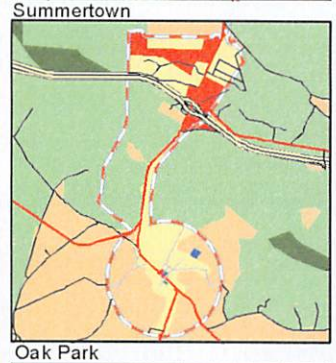


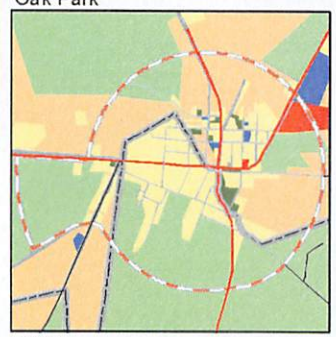
Summertown

Nunez

Garfield



Oak Park



Adrian

Highway Type

- City Street
- County Road
- Interstate
- Ramp
- State Highway

Land Use

- Agriculture
- Forestry
- Residential
- Commercial
- Industrial
- Park/Recreation/Conservation
- Public/Institutional
- Transportation/Communications/Utilities

HOGARC Geographic Information Systems

N

4 2 0 4 8 Miles

SOURCE: Heart of Georgia Altamaha RC, 2010

"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

TORNADO

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

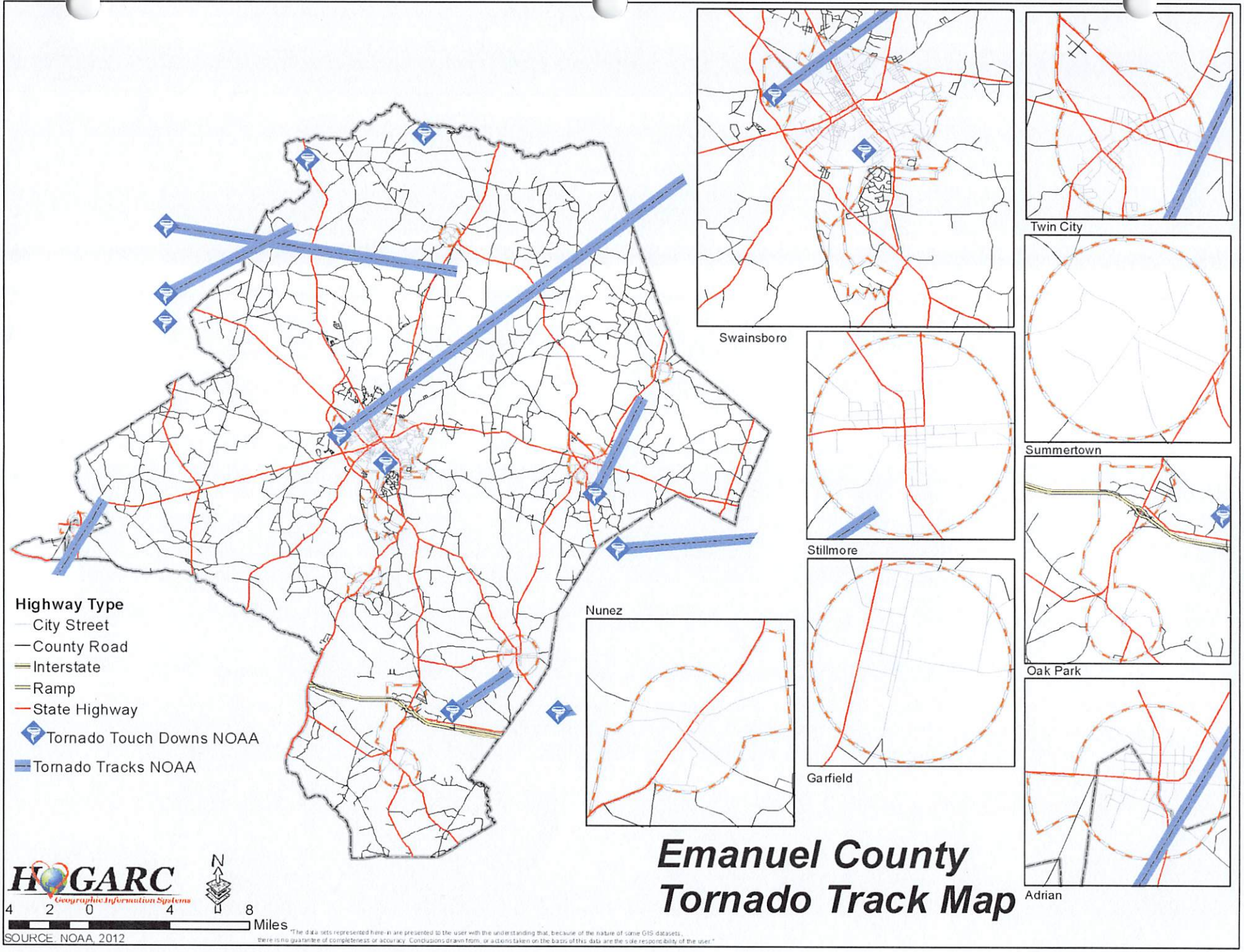
HAILSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	**Date of Event**	**Injuries**	**Deaths**	**Property Damage**	**Crop Damage**
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

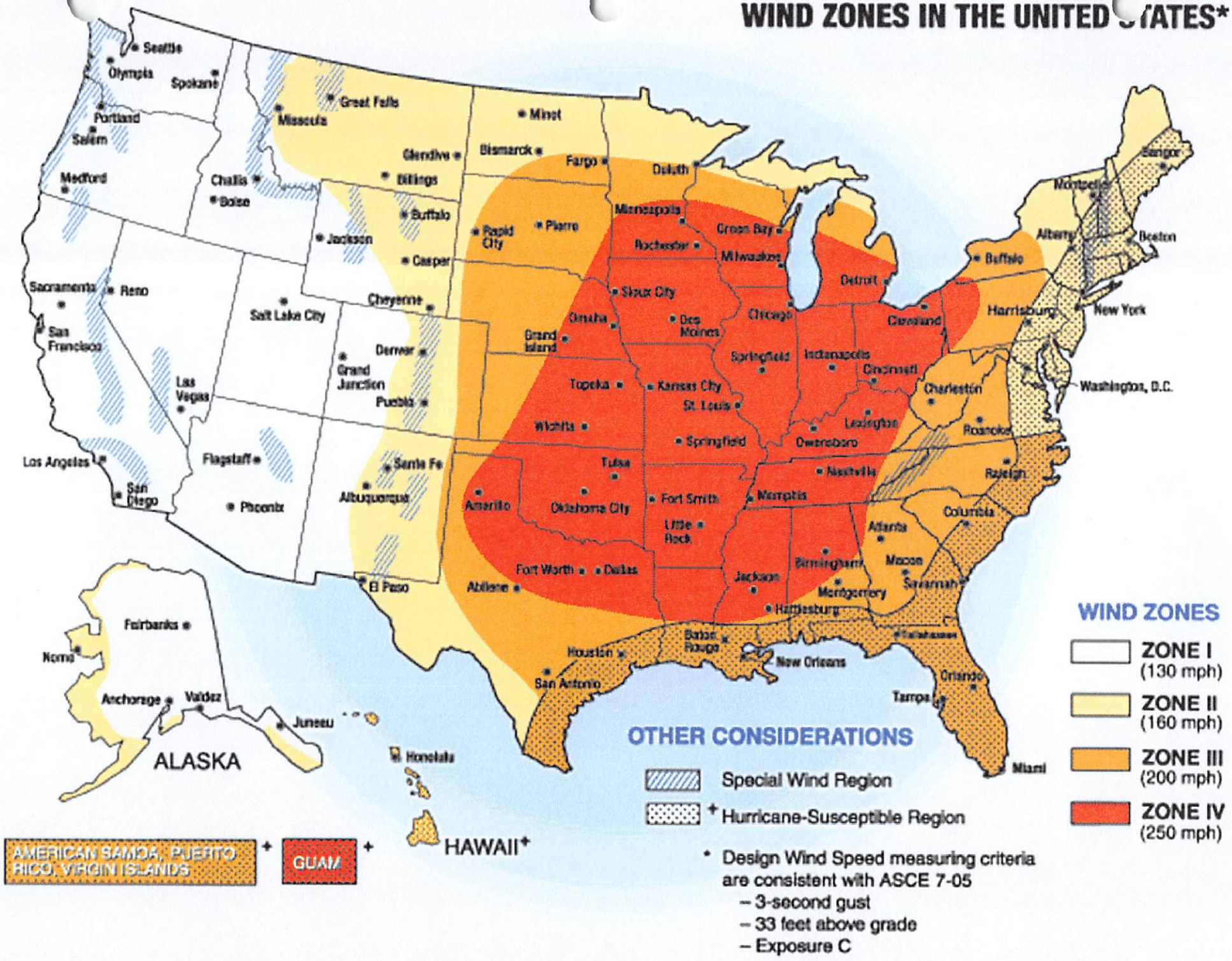
Tornado Project Data

MAPS



Emanuel County Tornado Track Map

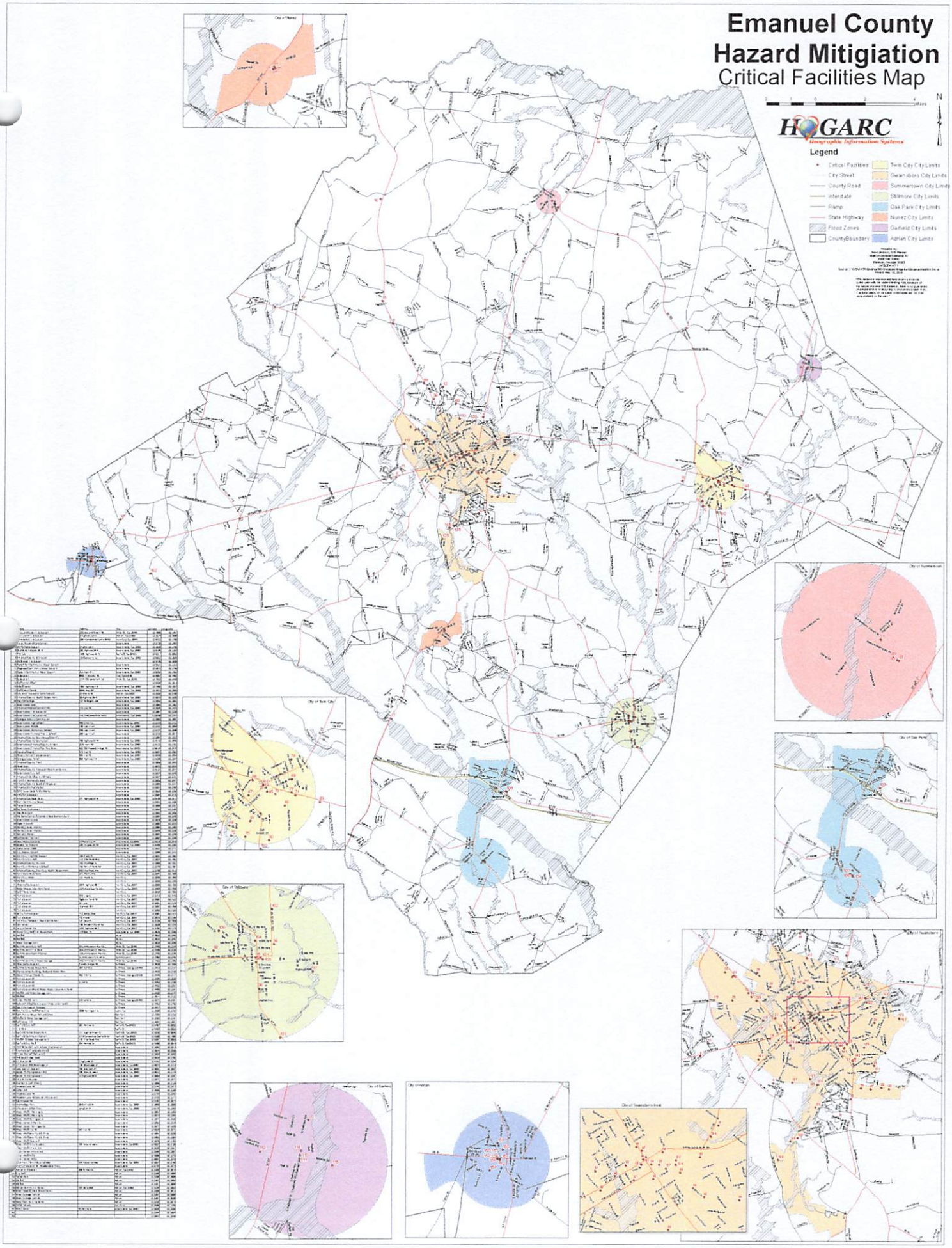
WIND ZONES IN THE UNITED STATES*



* Design Wind Speed measuring criteria are consistent with ASCE 7-05
- 3-second gust
- 33 feet above grade
- Exposure C

Emanuel County Hazard Mitigation

Critical Facilities Map



City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HOGARC
Geographic Information Systems

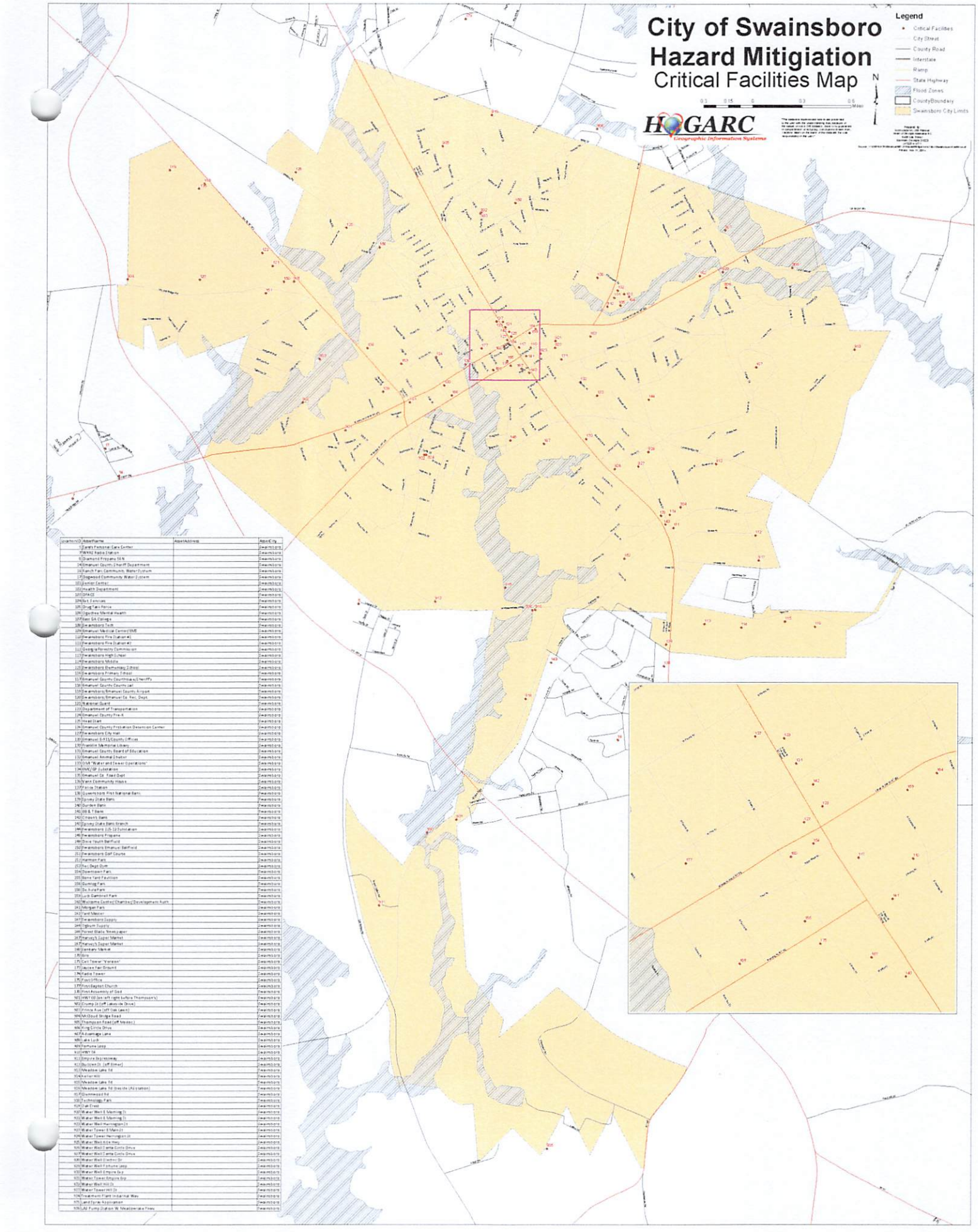
Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

N

City of Swainsboro Hazard Mitigation

Critical Facilities Map



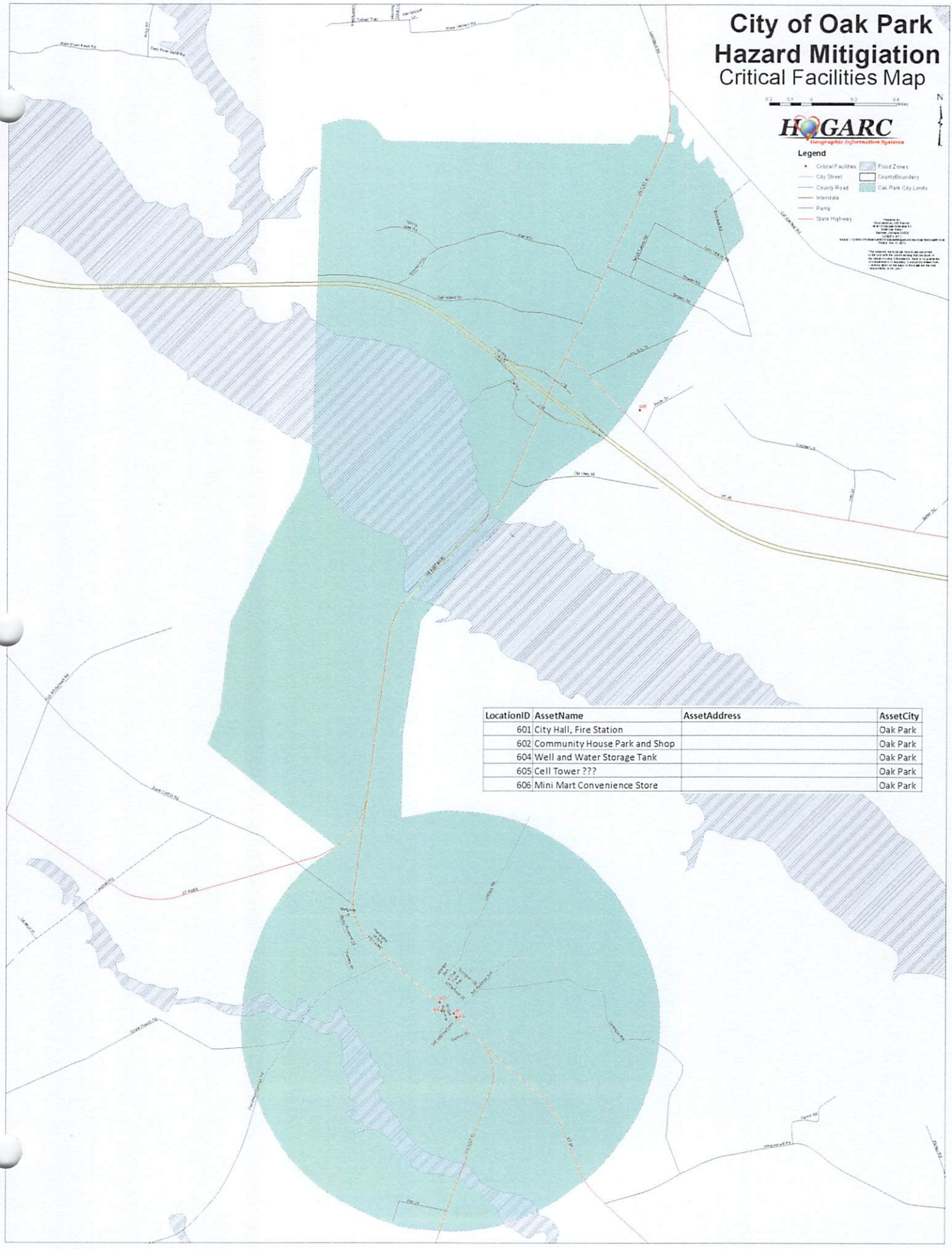
LocationID	AssetName	AssetAddress	AssetCity
1	Zaxby's Personal Care Center		Swainsboro
	WWNS Radio Station		Swainsboro
9	Diamond Propane Gas N		Swainsboro
14	Emanuel County Sheriff Department		Swainsboro
16	Ranch Fare Community Water System		Swainsboro
17	Ridgewood Community Water System		Swainsboro
101	Senior Center		Swainsboro
102	Health Department		Swainsboro
103	DFACS		Swainsboro
104	Mart Services		Swainsboro
105	Drug Task Force		Swainsboro
106	Ogeechee Mental Health		Swainsboro
107	East GA College		Swainsboro
108	Swainsboro Tech		Swainsboro
109	Emanuel Medical Center/EMS		Swainsboro
110	Swainsboro Fire Station #2		Swainsboro
111	Swainsboro Fire Station #3		Swainsboro
112	Georgia Forestry Commission		Swainsboro
113	Swainsboro High School		Swainsboro
114	Swainsboro Middle		Swainsboro
115	Swainsboro Elementary School		Swainsboro
116	Swainsboro Primary School		Swainsboro
117	Emanuel County Courthouse/Sheriff's		Swainsboro
118	Emanuel County County Jail		Swainsboro
119	Swainsboro/Emanuel County Airport		Swainsboro
120	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
121	National Guard		Swainsboro
122	Department of Transportation		Swainsboro
124	Emanuel County Pre-K		Swainsboro
125	Head Start		Swainsboro
126	Emanuel County Probation Detention Center		Swainsboro
127	Swainsboro City Hall		Swainsboro
130	Emanuel E-911/County Offices		Swainsboro
131	Franklin Memorial Library		Swainsboro
132	Emanuel County Board of Education		Swainsboro
133	Emanuel Animal Shelter		Swainsboro
135	SM "Water and Sewer Operations"		Swainsboro
136	MEAG/GP Substation		Swainsboro
137	Emanuel Co. Road Dept		Swainsboro
139	Mann Community Homes		Swainsboro
140	Fannie Stetson		Swainsboro
141	Queensboro First National Bank		Swainsboro
142	Citizens Bank		Swainsboro
143	Bank of Swainsboro		Swainsboro
144	Swainsboro 115-12 Substation		Swainsboro
145	Swainsboro Propane		Swainsboro
146	Boys Youth Ranch		Swainsboro
150	Swainsboro Emanuel Ranch		Swainsboro
151	Swainsboro Golf Course		Swainsboro
152	Hartman Park		Swainsboro
153	Fire Dept Gym		Swainsboro
154	Downtown Park		Swainsboro
155	Barn Yard Pavilion		Swainsboro
156	Gumlog Park		Swainsboro
158	Ox Yoke Park		Swainsboro
159	Jack Gammon Park		Swainsboro
160	Welcome Center/Chamber/Development Auth		Swainsboro
161	Morgan Park		Swainsboro
162	Yard Master		Swainsboro
167	Swainsboro Depot		Swainsboro
168	Gypsum Supply		Swainsboro
169	Forest Blade Newspaper		Swainsboro
170	Harvey's Super Market		Swainsboro
171	Harvey's Super Market		Swainsboro
180	Sanitary Market		Swainsboro
172	Kroger		Swainsboro
173	Cell Tower "Verizon"		Swainsboro
175	Jaycee Fair Ground		Swainsboro
176	Radio Tower		Swainsboro
178	Post Office		Swainsboro
177	First Baptist Church		Swainsboro
181	First Assembly of God		Swainsboro
W1	WWTP (on left right before Thompson's)		Swainsboro
W2	Crump St (off Lakeside Drive)		Swainsboro
W3	Finnie Ave (off Oak Lawn)		Swainsboro
W4	Mt David Bridge Road		Swainsboro
W5	Thompson Road (off Meadow)		Swainsboro
W6	King Circle Drive		Swainsboro
W7	Fairmeadows Lane		Swainsboro
W8	Lake Loch		Swainsboro
W9	Fortune Loop		Swainsboro
W10	WWTP		Swainsboro
W11	Empire Expressway		Swainsboro
W12	Bulloch St. (off Elmer)		Swainsboro
W13	Meadow Lake Rd		Swainsboro
W14	Archer Hill		Swainsboro
W15	Meadow Lake Rd		Swainsboro
W16	Meadow Lake Rd (beside Ag station)		Swainsboro
W17	Dunnwood Rd		Swainsboro
W18	Technology Park		Swainsboro
W19	Oak Crest		Swainsboro
W20	Water Well 6 Morning St		Swainsboro
W21	Water Well 5 Morning St		Swainsboro
W22	Water Well Harrington Dr		Swainsboro
W23	Water Tower E Main St		Swainsboro
W24	Water Tower Harrington Dr		Swainsboro
W25	Water Well Kite Hwy		Swainsboro
W26	Water Well Santa Cortu Drive		Swainsboro
W27	Water Well Santa Cortu Drive		Swainsboro
W28	Water Well Dunn Dr		Swainsboro
W29	Water Well Fortune Loop		Swainsboro
W30	Water Well Empire Exp		Swainsboro
W31	Water Tower Empire Exp		Swainsboro
W32	Water Well Hill Dr		Swainsboro
W33	Water Tower Hill Dr		Swainsboro
W34	Treatment Plant Industrial Way		Swainsboro
W35	Land Farm Application		Swainsboro
W36	Lift Pump Station W. Meadowlake Pkwy		Swainsboro

City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park
Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

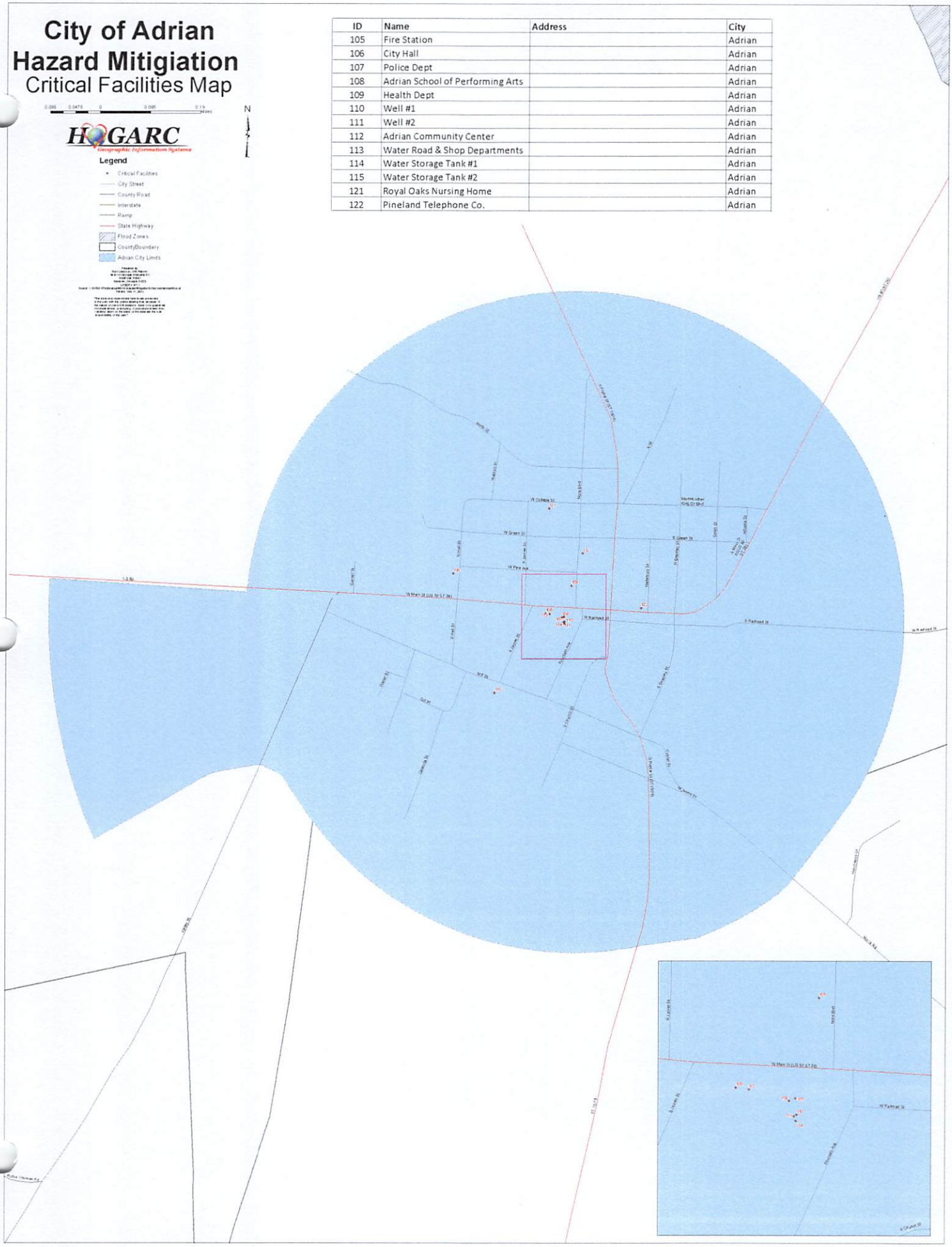
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

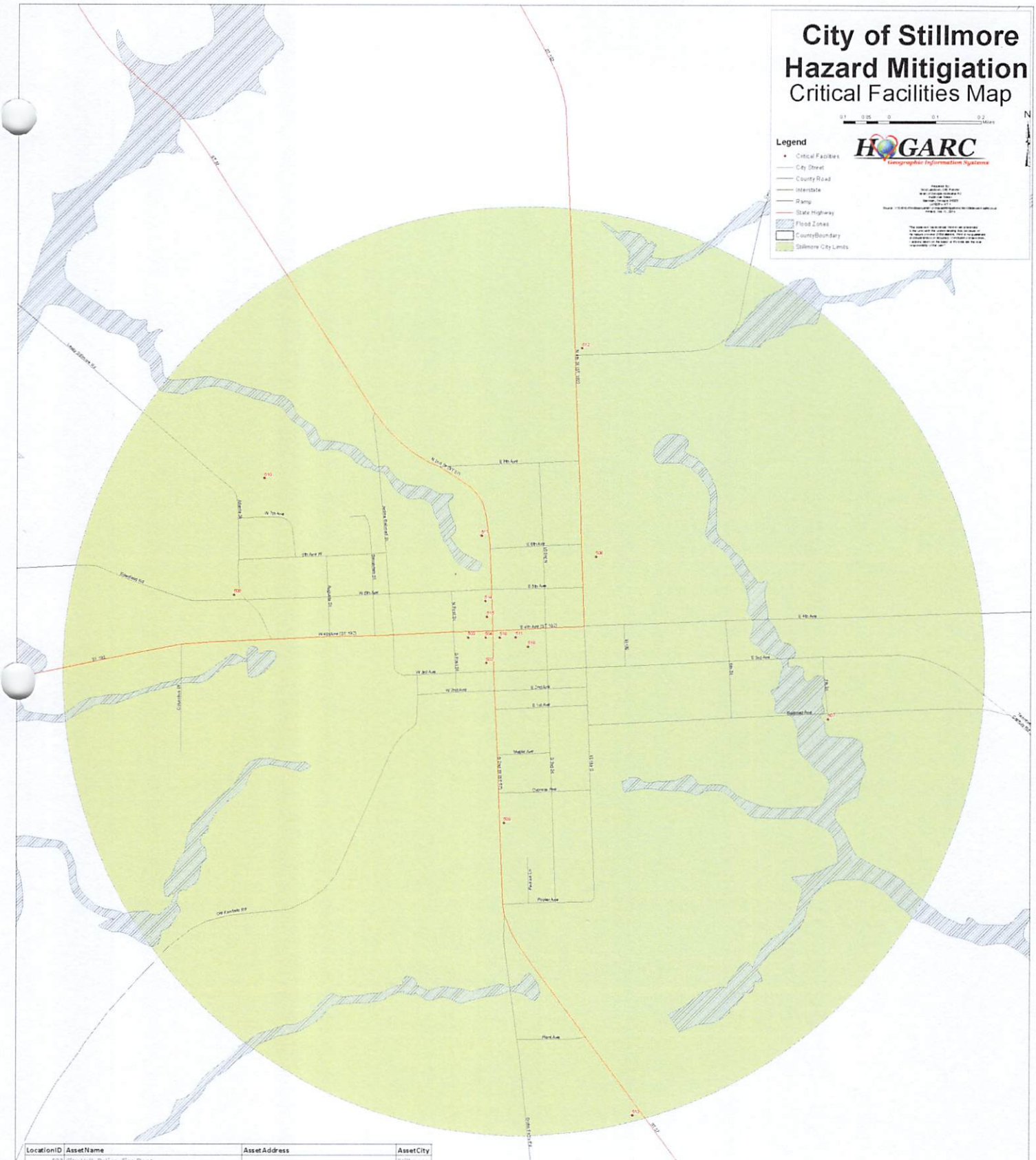
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

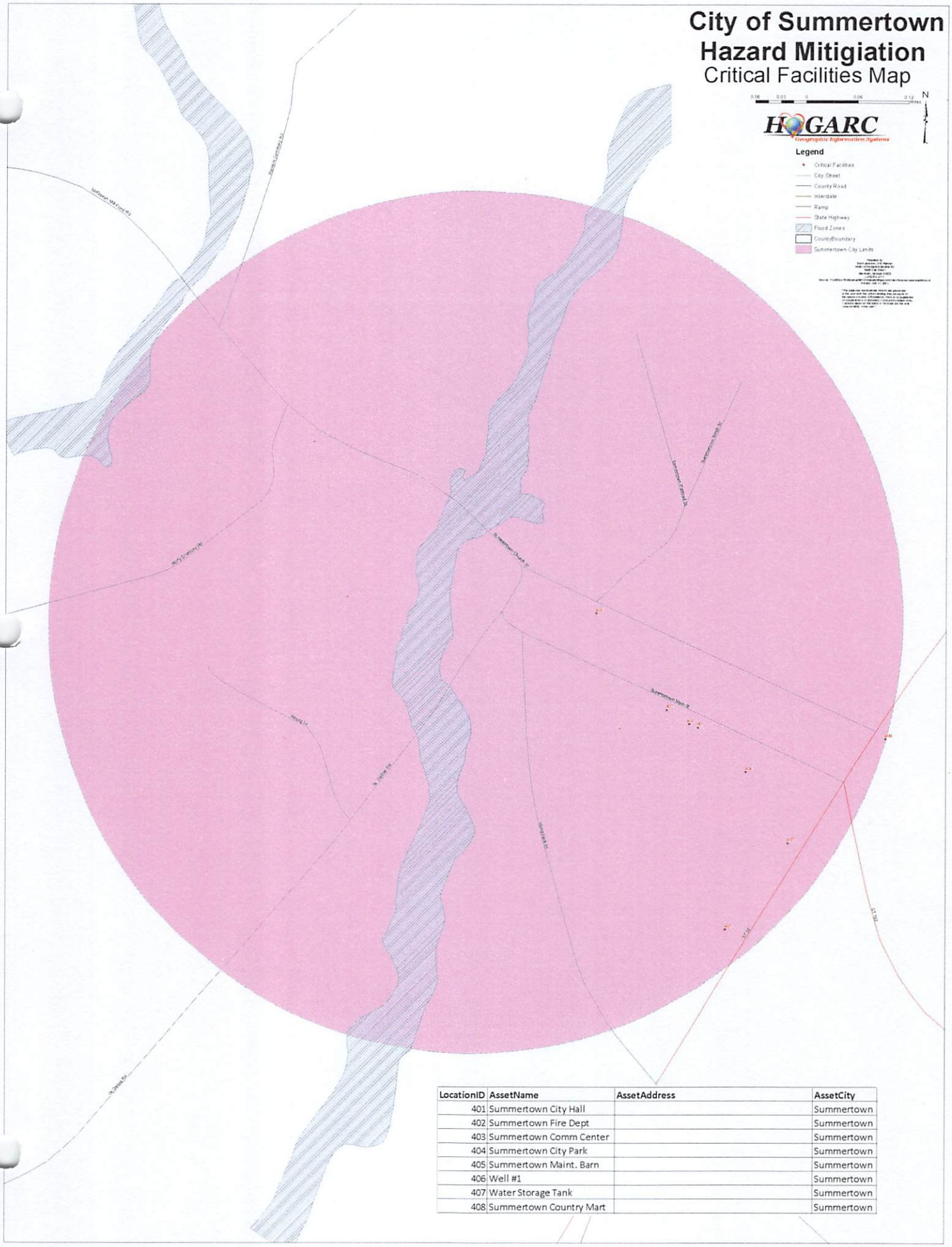
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Older Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

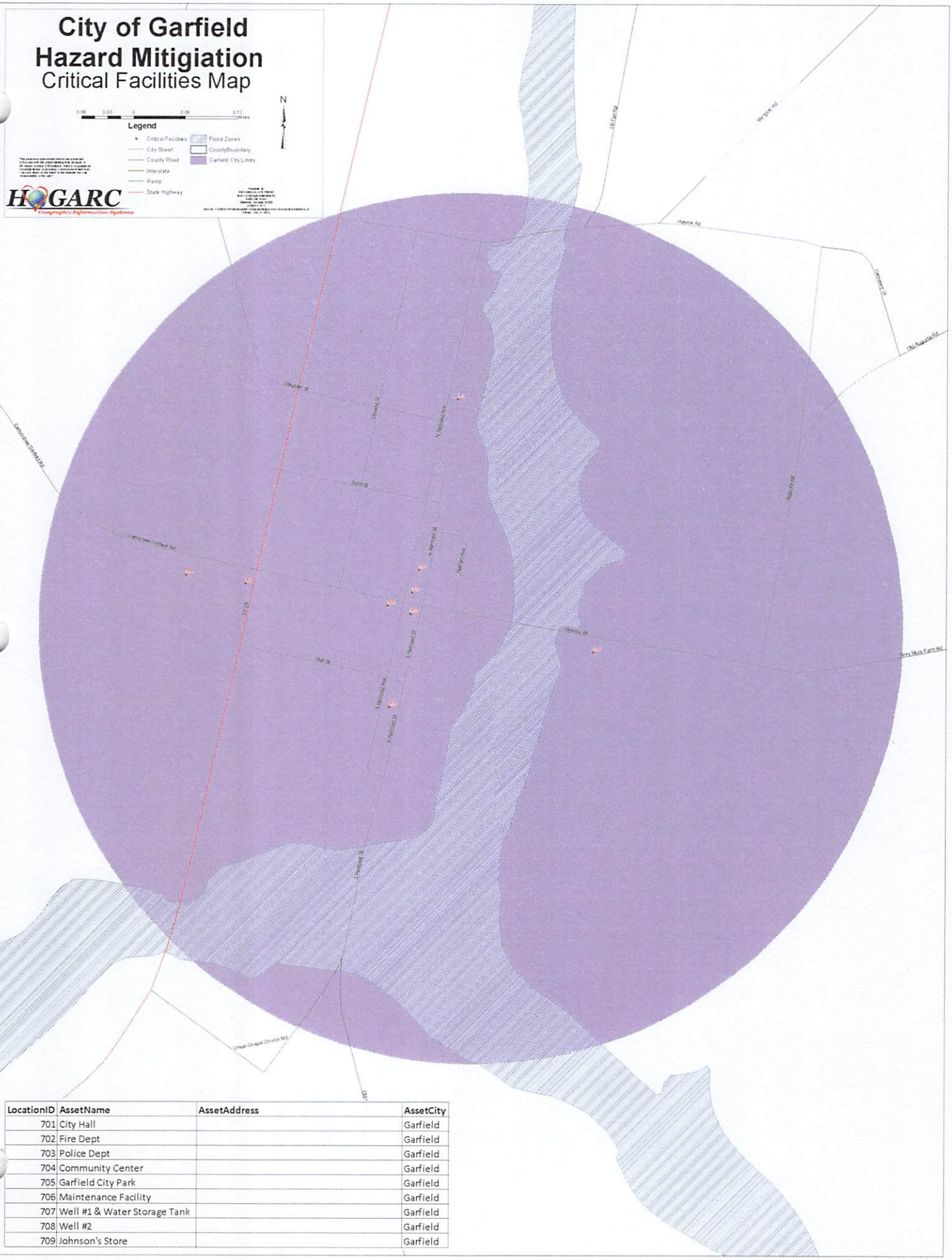
City of Summertown Hazard Mitigiation

Critical Facilities Map

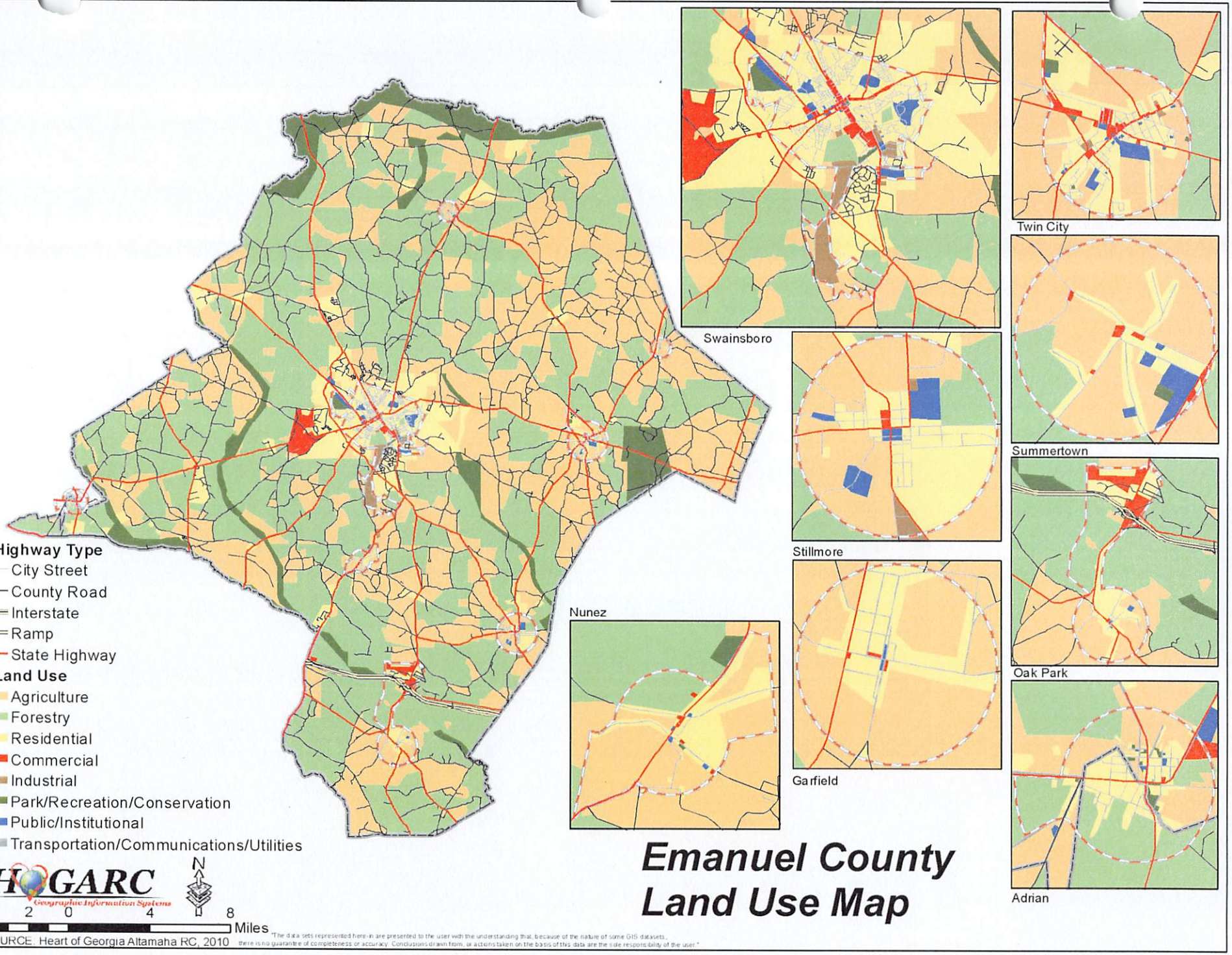


LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

SEVERE WINTER STORM

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

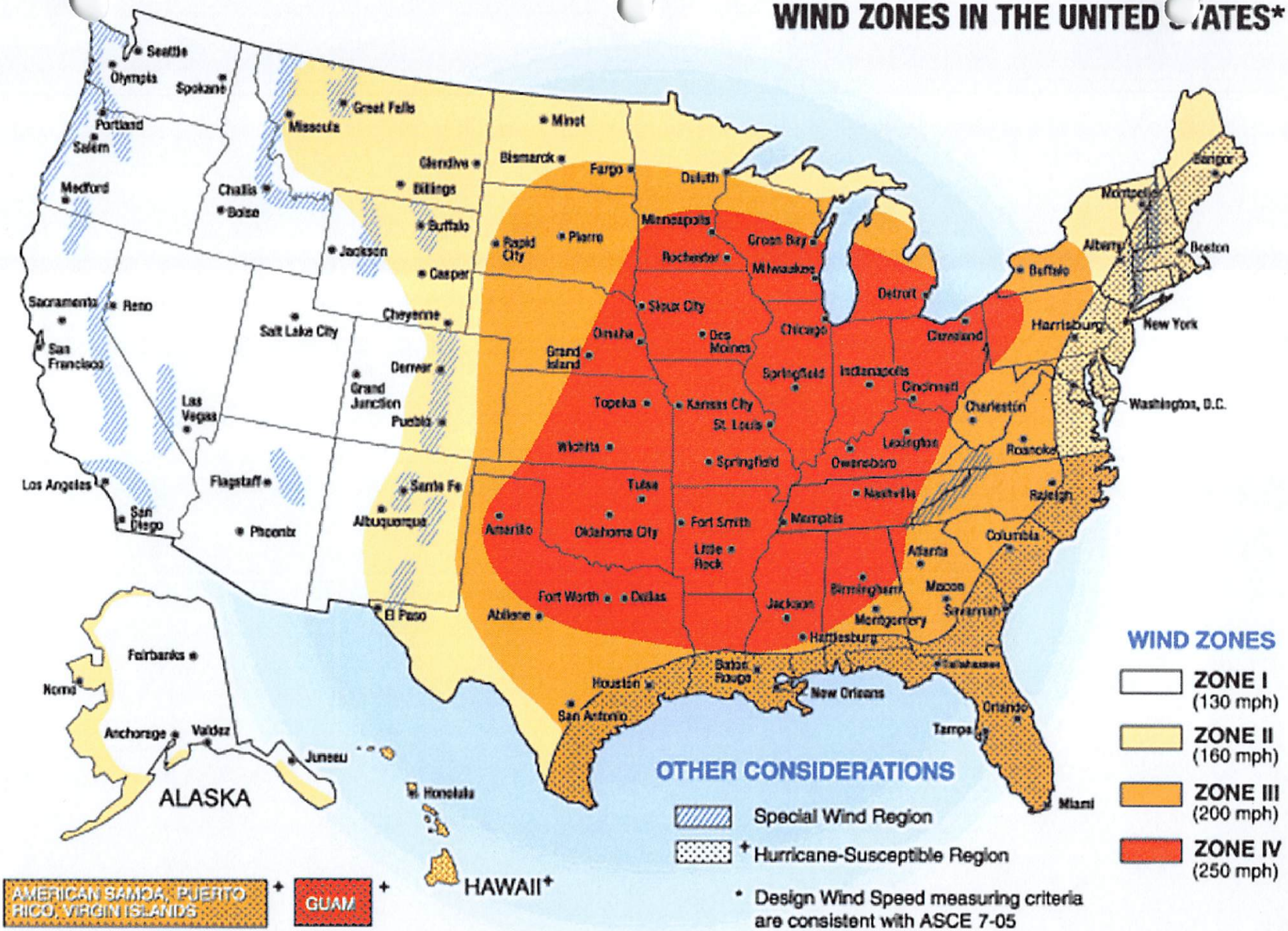
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

MAPS

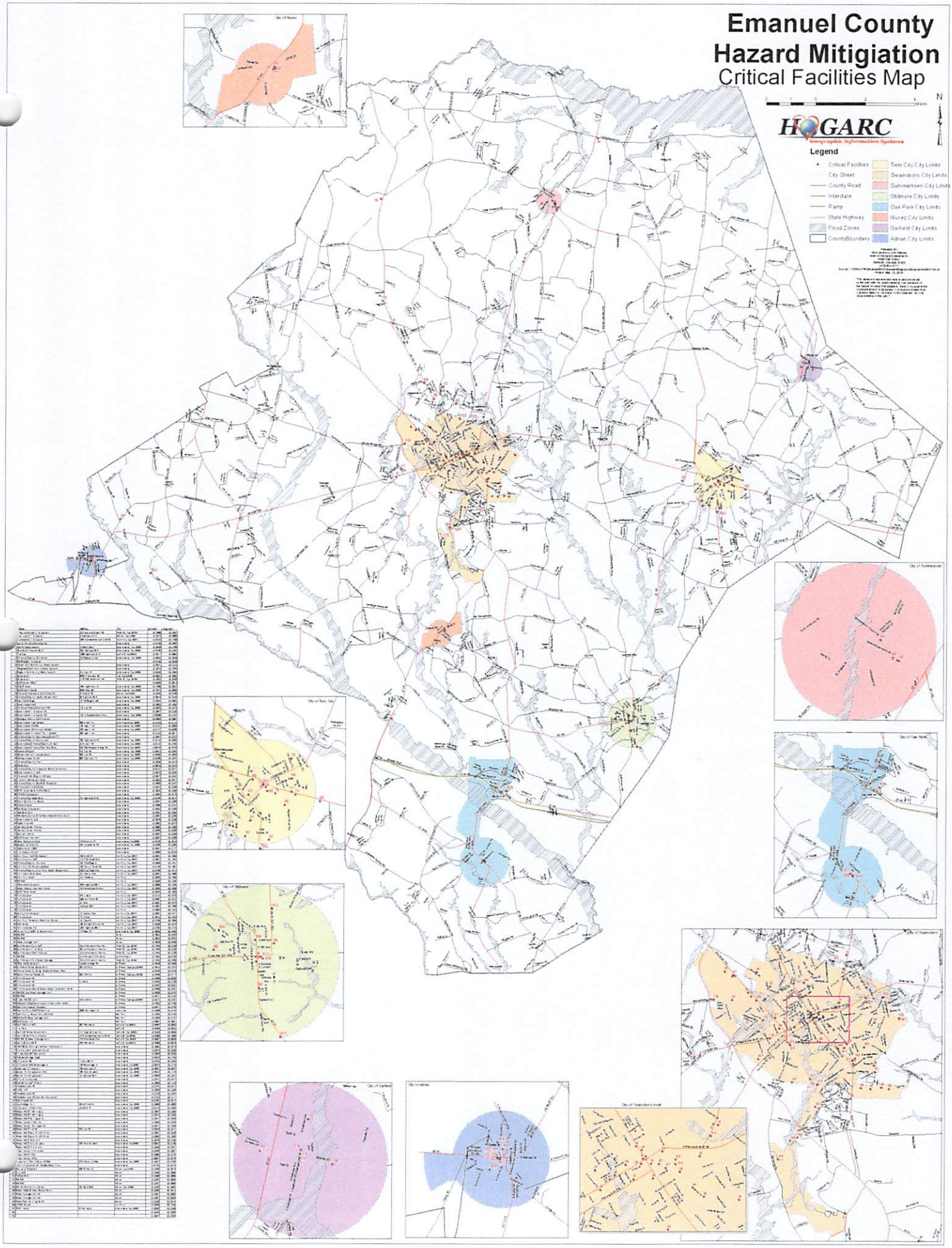
WIND ZONES IN THE UNITED STATES*



* Design Wind Speed measuring criteria are consistent with ASCE 7-05
- 3-second gust
- 33 feet above grade
- Exposure C

Emanuel County Hazard Mitigiation

Critical Facilities Map



City of Twin City Hazard Mitigiation

Critical Facilities Map

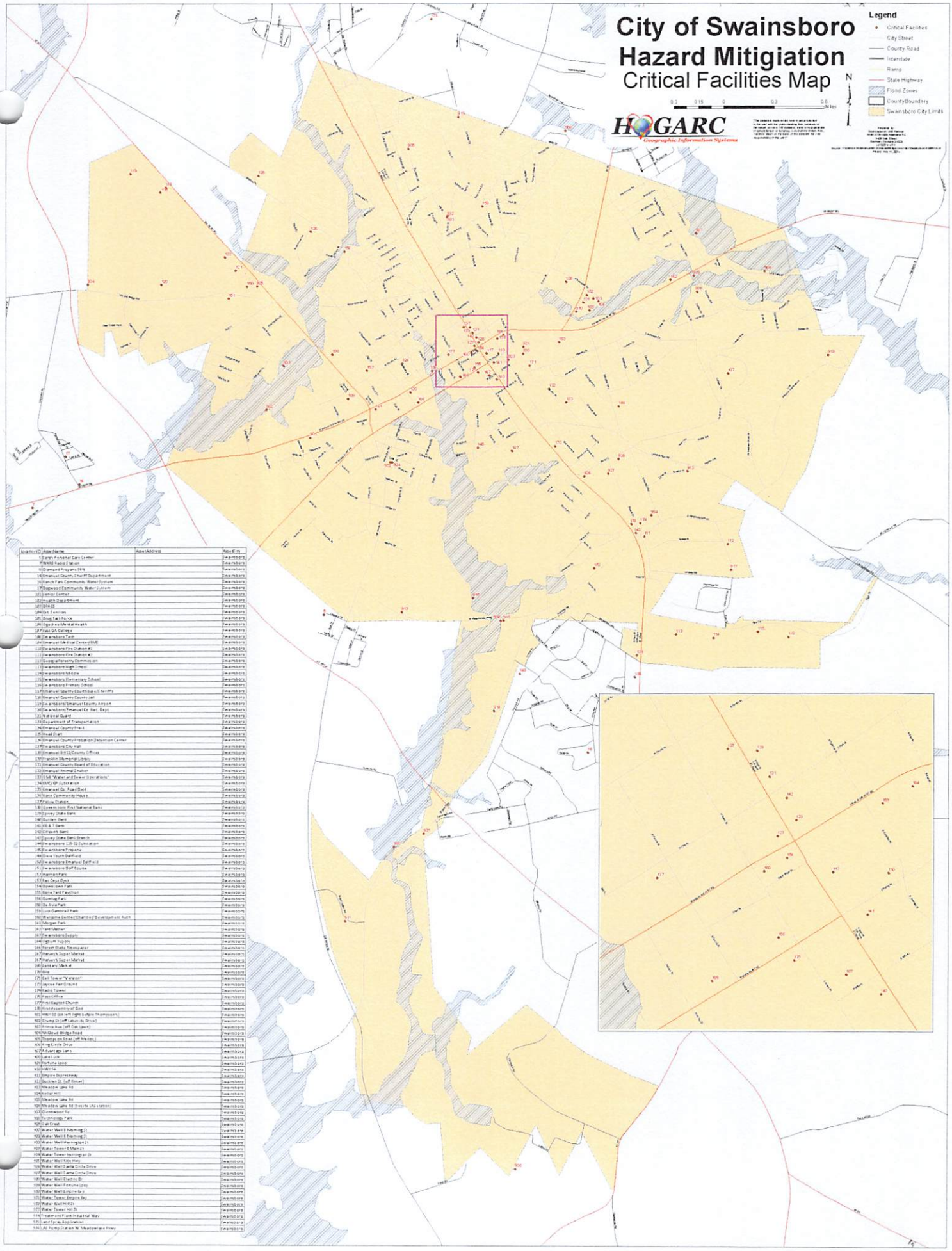
LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	D.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HGARC
Geographic Information Systems

N

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary



LocationID	AssetName	AssetAddress	AssetCity
1	Early's Personal Care Center		Swainsboro
2	WWKS Radio Station		Swainsboro
9	Diamond Progane Stk		Swainsboro
14	Emanuel County Sheriff Department		Swainsboro
16	Ranch Fare Community Water System		Swainsboro
17	Edgewood Community Water System		Swainsboro
101	Senior Center		Swainsboro
102	Health Department		Swainsboro
103	DFACS		Swainsboro
104	Dot Services		Swainsboro
105	Drug Task Force		Swainsboro
106	Ogeechee Mental Health		Swainsboro
107	East GA College		Swainsboro
108	Swainsboro Tech		Swainsboro
109	Emanuel Medical Center/EMS		Swainsboro
110	Swainsboro Fire Station #1		Swainsboro
111	Swainsboro Fire Station #2		Swainsboro
112	Georgia Forestry Commission		Swainsboro
113	Swainsboro High School		Swainsboro
114	Swainsboro Middle		Swainsboro
115	Swainsboro Elementary School		Swainsboro
116	Swainsboro Primary School		Swainsboro
117	Emanuel County Courthouse (Sheriff's)		Swainsboro
118	Emanuel County County Jail		Swainsboro
119	Swainsboro/Emanuel County Airport		Swainsboro
120	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
121	National Guard		Swainsboro
122	Department of Transportation		Swainsboro
124	Emanuel County Fire-E		Swainsboro
125	Head Start		Swainsboro
126	Emanuel County Probation Detention Center		Swainsboro
127	Swainsboro City Hall		Swainsboro
128	Emanuel E-911/County Offices		Swainsboro
130	Franklin Memorial Library		Swainsboro
131	Emanuel County Board of Education		Swainsboro
132	Emanuel Animal Shelter		Swainsboro
133	GA "Water and Sewer Operations"		Swainsboro
134	EMC/GP Substation		Swainsboro
135	Emanuel Co. Road Dept		Swainsboro
136	Ware Community Hose		Swainsboro
137	Price Dialysis		Swainsboro
138	Queensboro First National Bank		Swainsboro
139	Coney State Bank		Swainsboro
140	Durden Bank		Swainsboro
141	BB & T Bank		Swainsboro
142	Citizens Bank		Swainsboro
143	Coney State Bank Branch		Swainsboro
144	Swainsboro 115-12 Substation		Swainsboro
145	Swainsboro Propane		Swainsboro
146	Dixie Youth Ballfield		Swainsboro
150	Swainsboro Emanuel Ballfield		Swainsboro
151	Swainsboro Golf Course		Swainsboro
152	Harrison Park		Swainsboro
153	Rec Dept Gym		Swainsboro
154	Downtown Park		Swainsboro
155	Bank Yard Pavilion		Swainsboro
156	Gumlog Park		Swainsboro
158	Da Avia Park		Swainsboro
159	Lula Gambrell Park		Swainsboro
160	Swainsboro Central Chamber/ Development Auth		Swainsboro
161	Morgan Park		Swainsboro
162	Tant Manor		Swainsboro
163	Swainsboro Supply		Swainsboro
164	Sigbum Supply		Swainsboro
166	Forest State Nursery		Swainsboro
167	Harvey's Super Market		Swainsboro
168	Harvey's Super Market		Swainsboro
169	Sanitary Market		Swainsboro
170	Kinks		Swainsboro
171	Cell Tower "Verizon"		Swainsboro
175	Jaycee Fair Ground		Swainsboro
176	Radio Tower		Swainsboro
178	Post Office		Swainsboro
179	First Baptist Church		Swainsboro
180	First Assembly of God		Swainsboro
901	HWY 80 (on left right before Thompson's)		Swainsboro
902	Crump Dr (off Lakeside Drive)		Swainsboro
903	Primus Ave (off Oak Lake)		Swainsboro
904	Mt Cloud Bridge Road		Swainsboro
905	Thomson Road (off Middle)		Swainsboro
906	King Circle Drive		Swainsboro
907	Advantage Lane		Swainsboro
908	Lake Lure		Swainsboro
909	Fortune Loop		Swainsboro
910	HWY 56		Swainsboro
911	Empire Expressway		Swainsboro
912	Beckham Dr. (off Elmer)		Swainsboro
913	Meadow Lake Rd		Swainsboro
914	Keller Hill		Swainsboro
915	Meadow Lake Rd		Swainsboro
916	Meadow Lake Rd Beside (Adjacent)		Swainsboro
917	Glenwood Rd		Swainsboro
918	Technology Park		Swainsboro
919	Oak Crest		Swainsboro
920	Water Well 5 Manning Dr		Swainsboro
921	Water Well 6 Manning Dr		Swainsboro
922	Water Well Harrington Dr		Swainsboro
923	Water Tower 6 Main St		Swainsboro
924	Water Tower Hemingway Dr		Swainsboro
925	Water Well Kite Hwy		Swainsboro
926	Water Well Zaxis Circle Drive		Swainsboro
927	Water Well Zaxis Circle Drive		Swainsboro
928	Water Well Electric Dr		Swainsboro
929	Water Well Fortune Loop		Swainsboro
930	Water Well Engine Dr		Swainsboro
931	Water Tower Empire Rd		Swainsboro
932	Water Well Hill Dr		Swainsboro
933	Water Tower Hill Dr		Swainsboro
934	Treatment Plant Industrial Way		Swainsboro
935	Land Fires Application		Swainsboro
936	Lift Pump Station W. Meadowlake Pkwy		Swainsboro

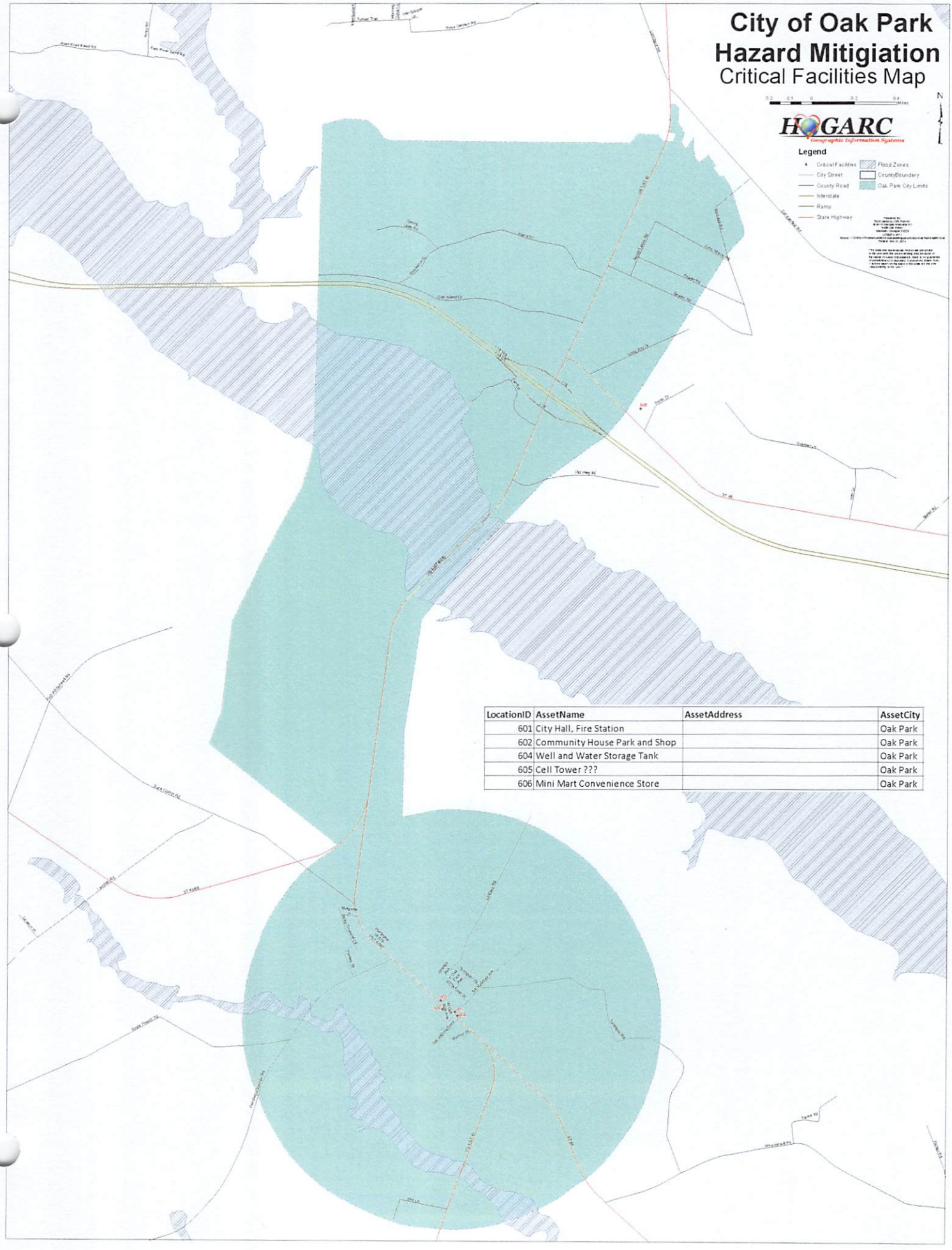
City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

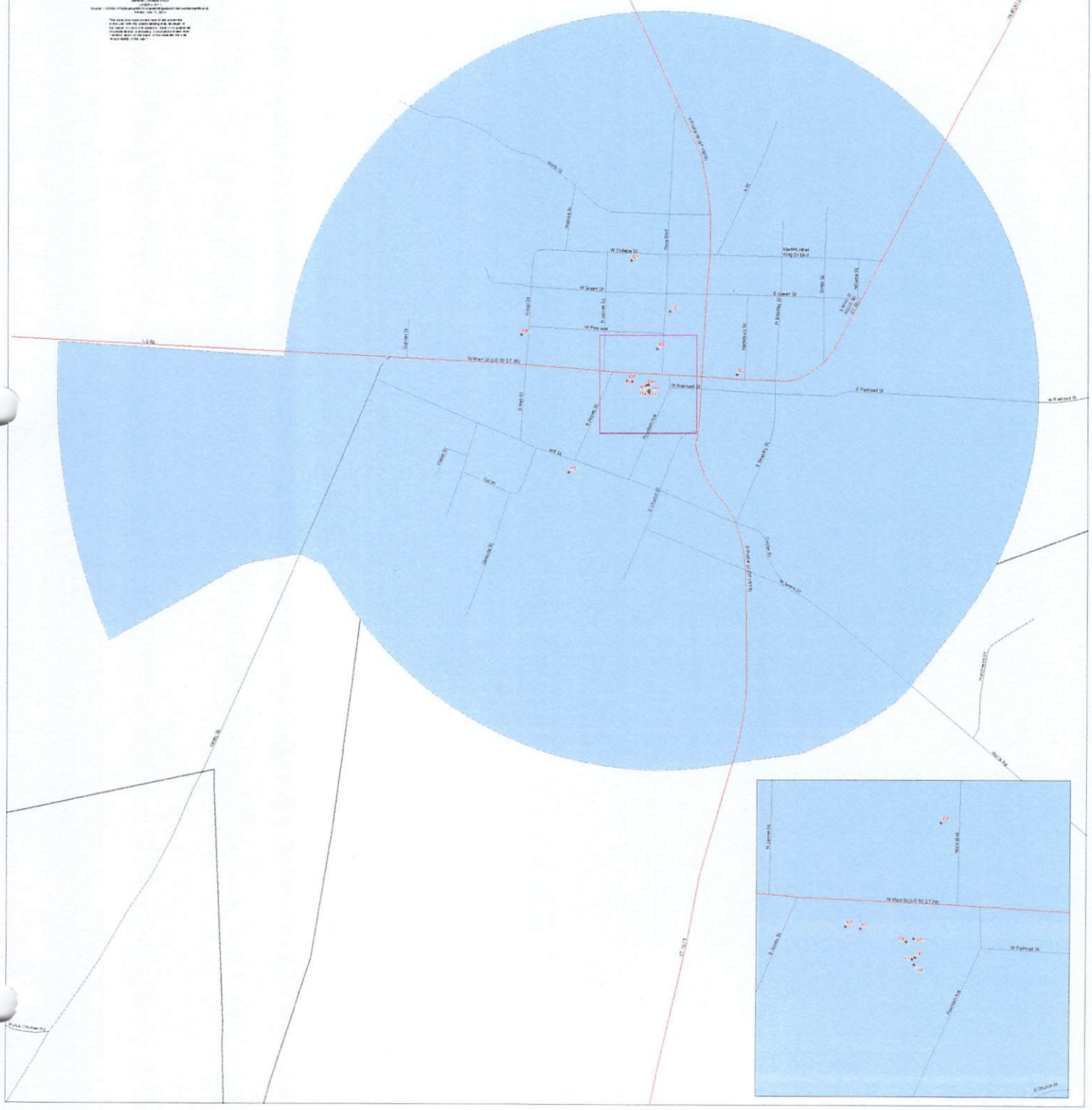
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

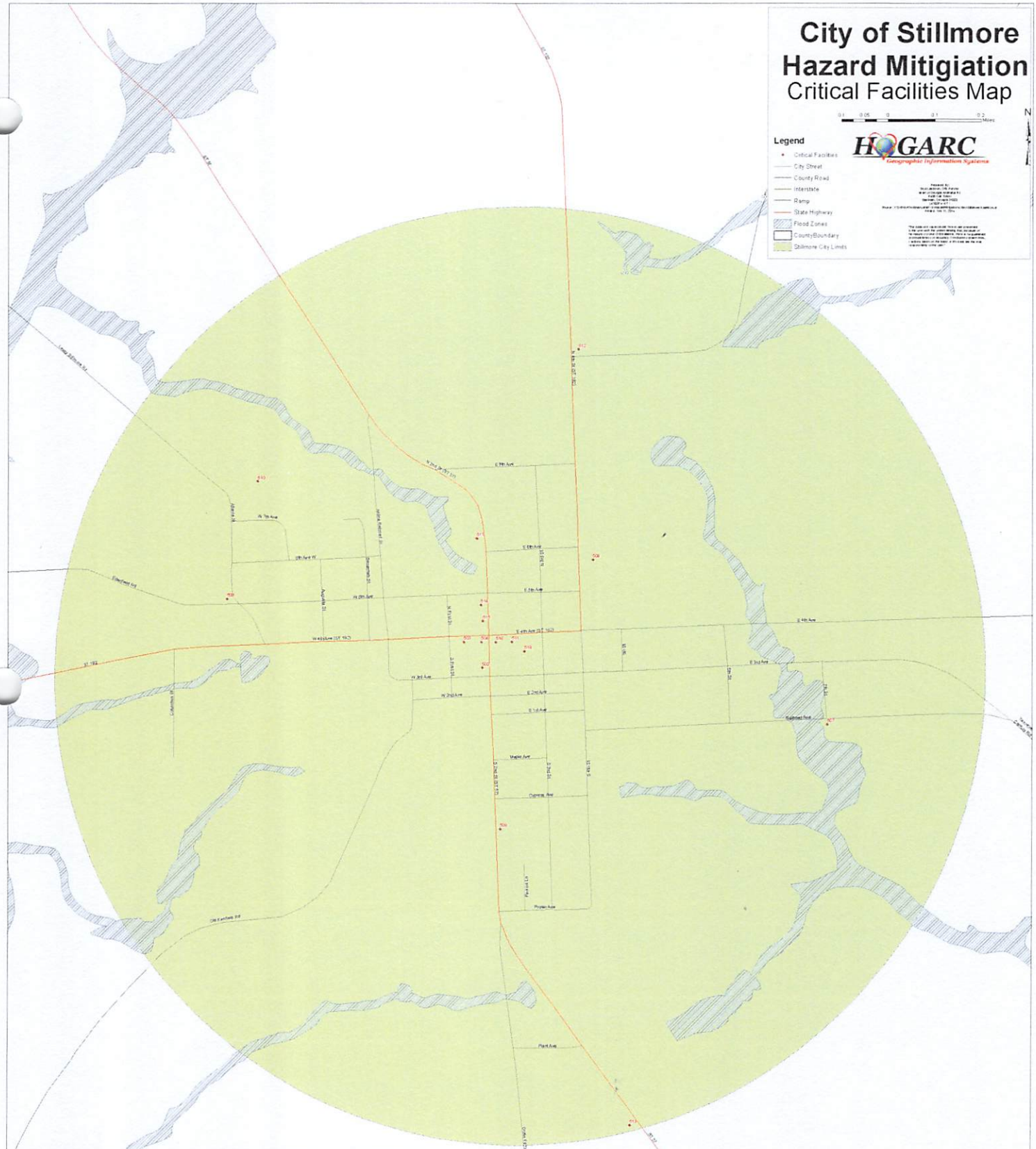
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

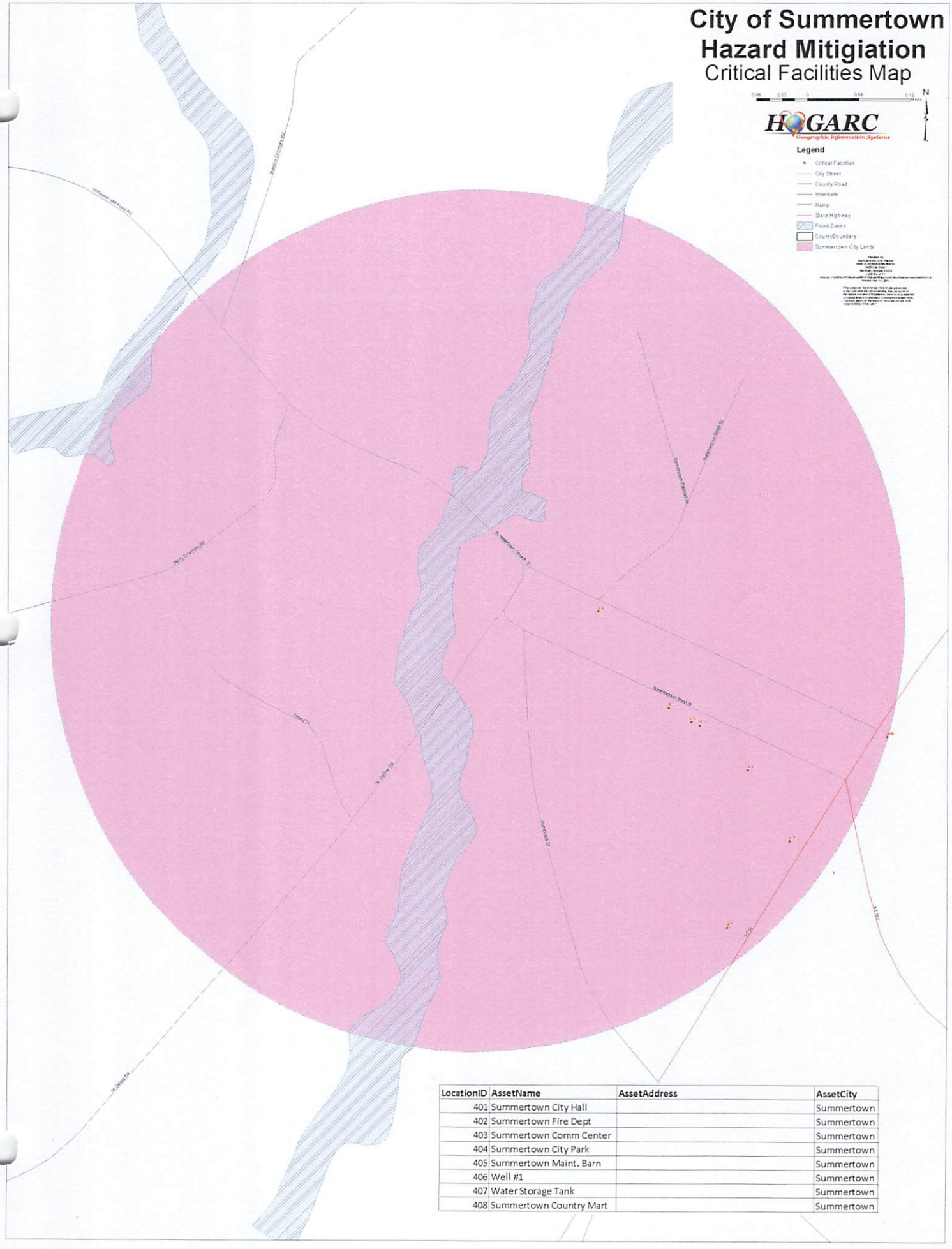
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Ofder Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

City of Summertown Hazard Mitigiation

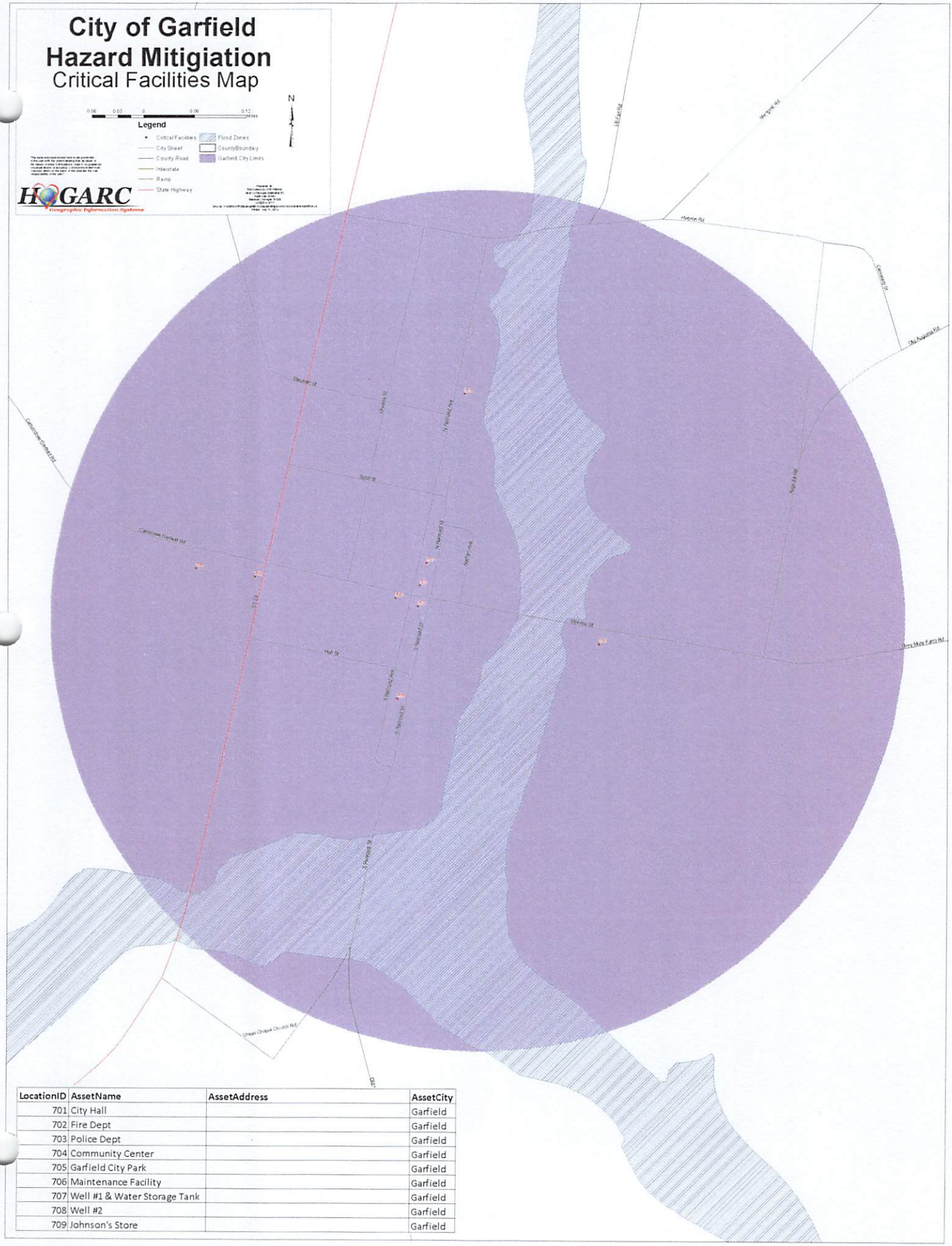
Critical Facilities Map



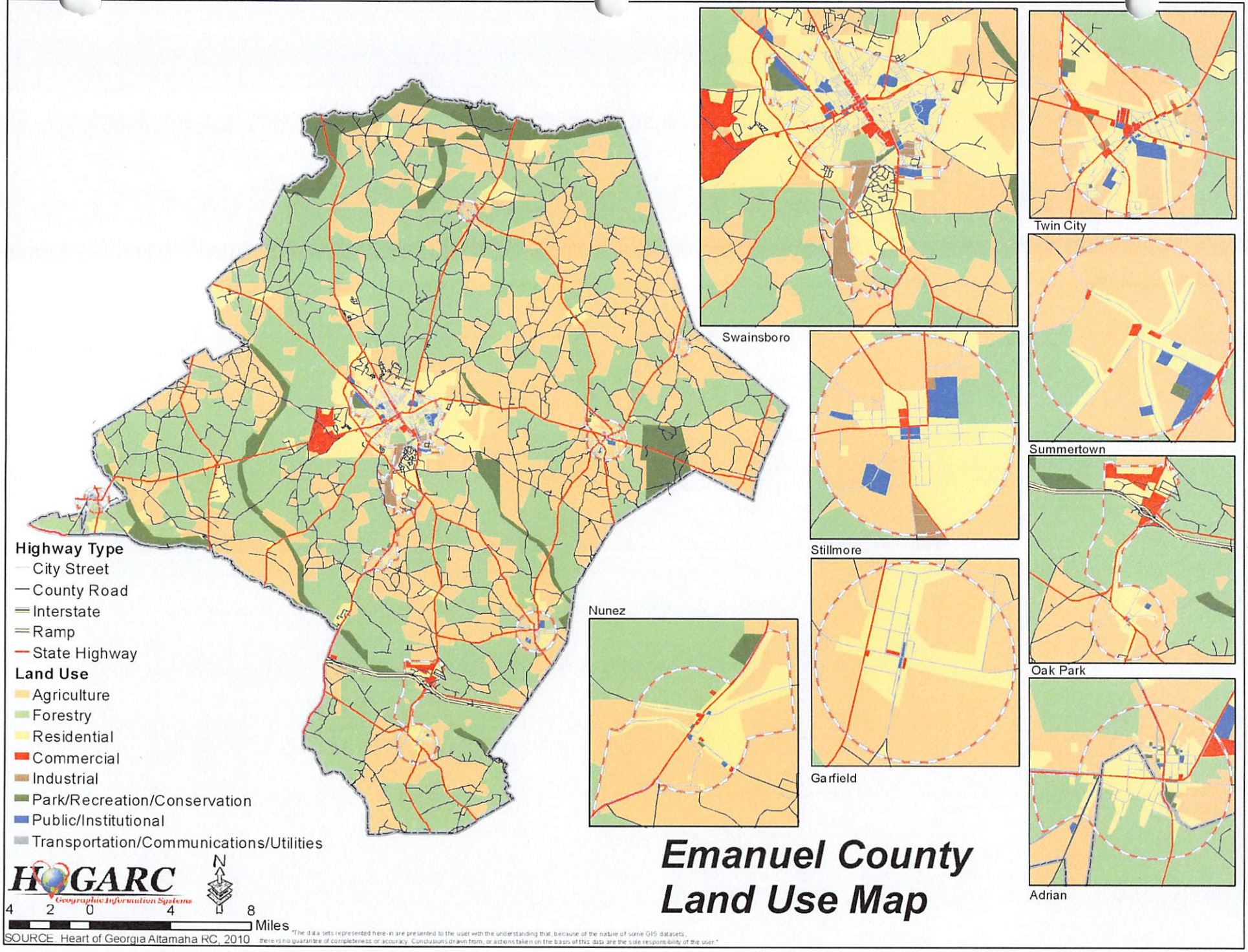
LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

WILDFIRE

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

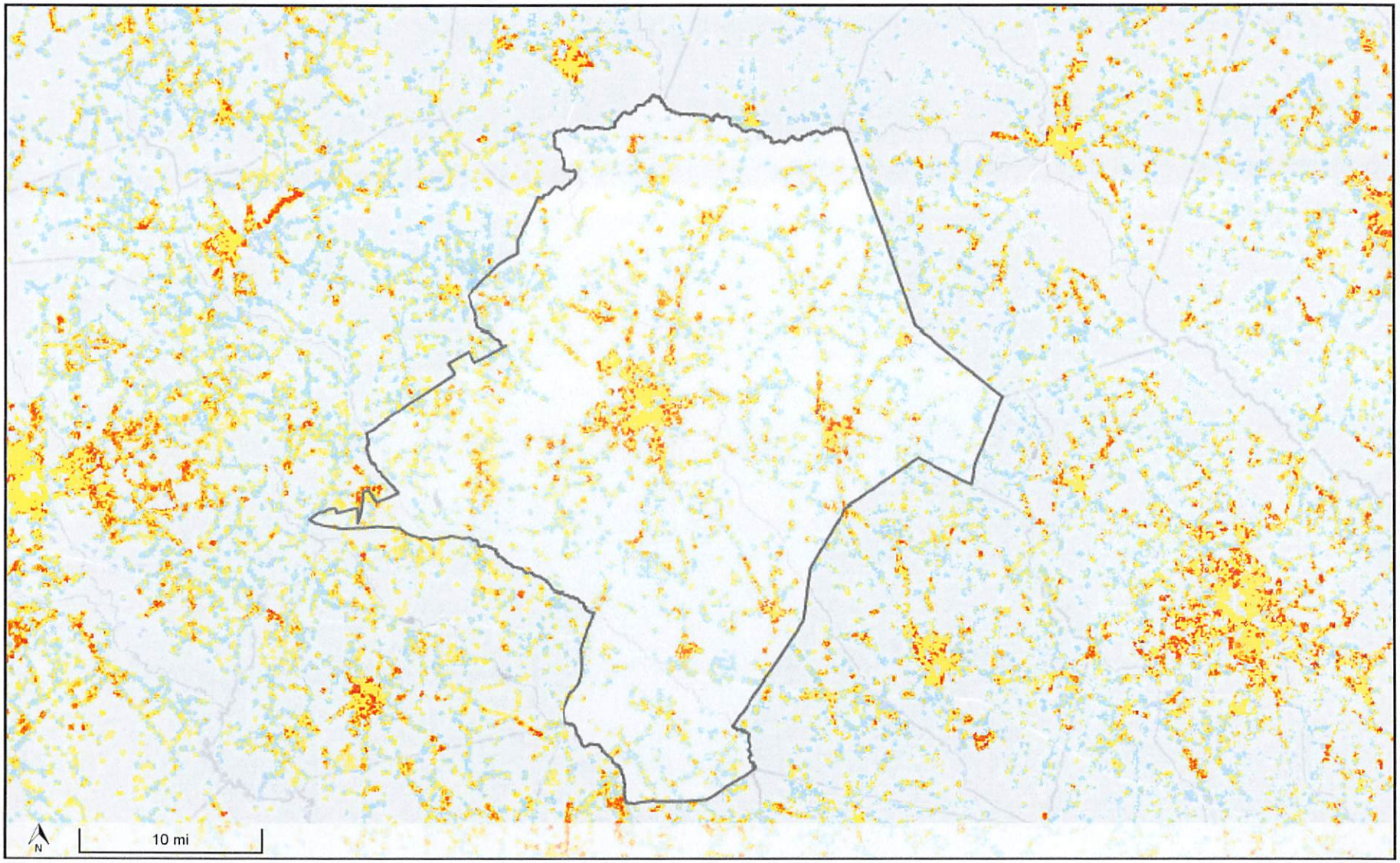
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	**Date of Event**	**Injuries**	**Deaths**	**Property Damage**	**Crop Damage**
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS



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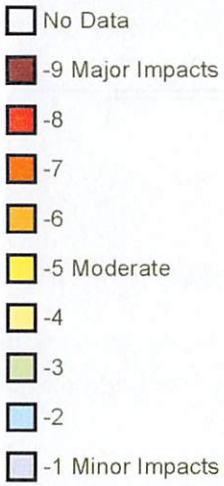
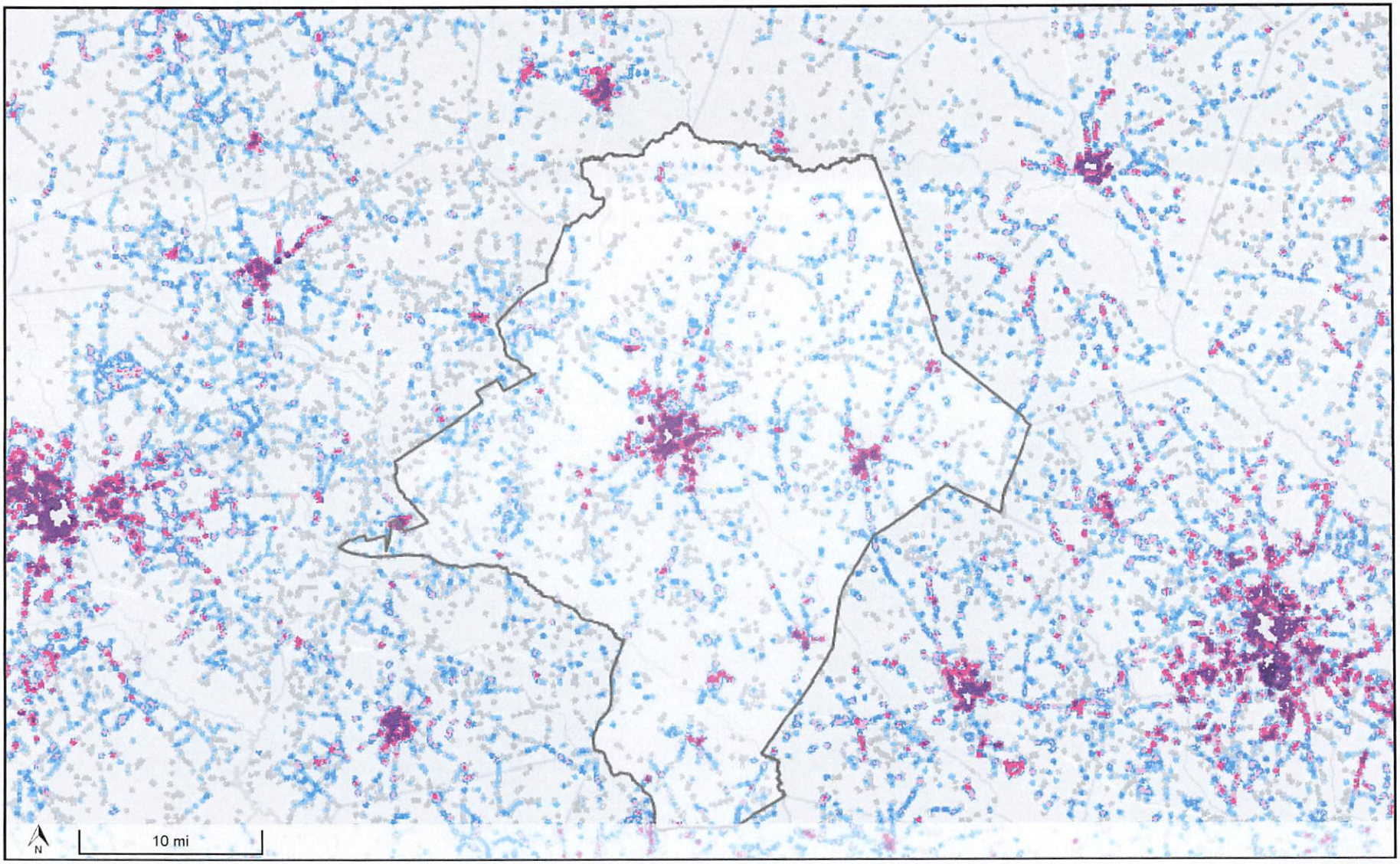
WUI Risk Index





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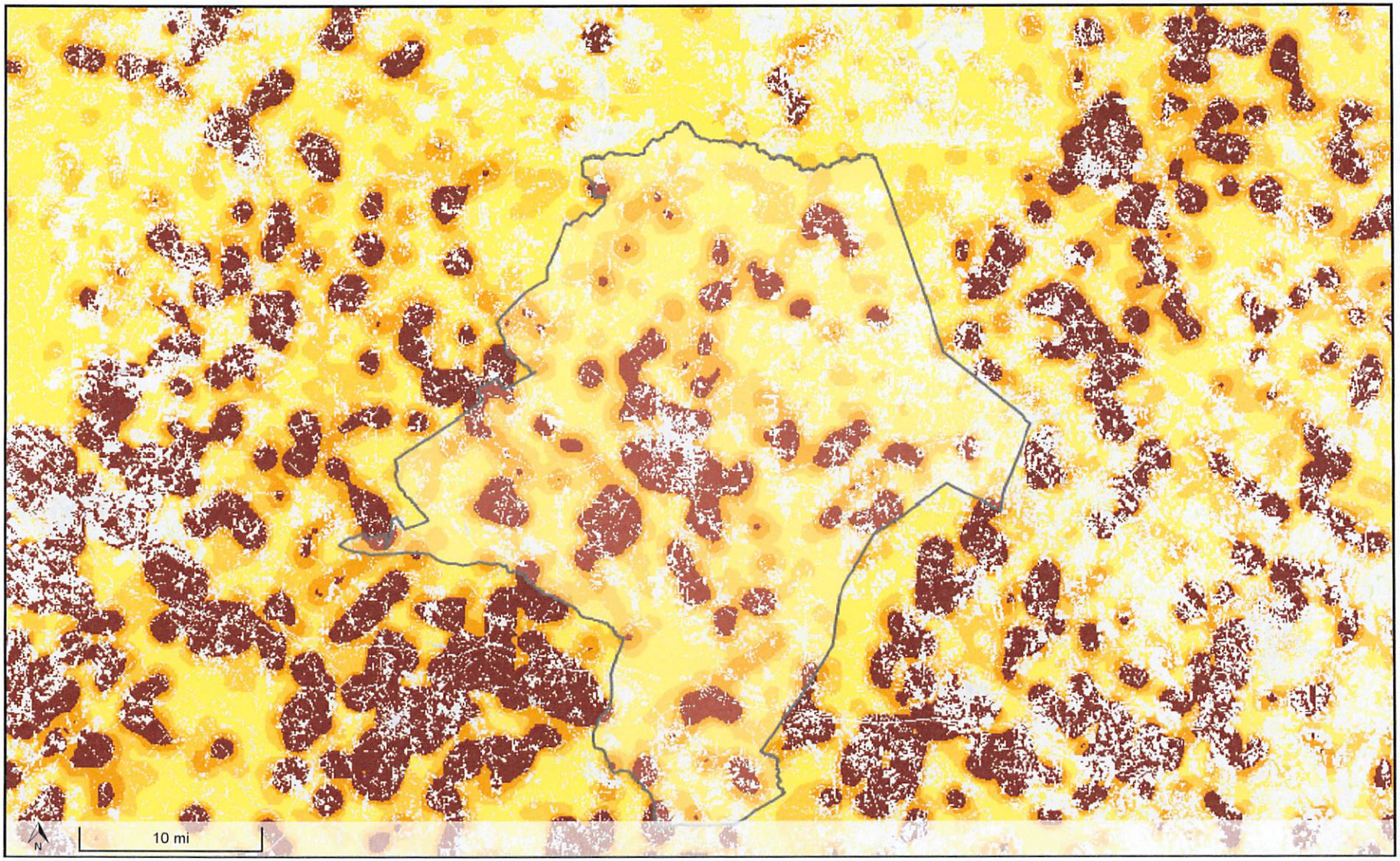
Wildland Urban Interface (WUI)

- No Data
- 1 - LT 1 hs/40 ac
- 2 - 1 hs/40 to 1 hs/20 ac
- 3 - 1 hs/20 to 1 hs/10 ac
- 4 - 1 hs/10 to 1 hs/5 ac
- 5 - 1 hs/5 to 1 hs/2 ac
- 6 - 1 hs/2 to 3 hs/ac
- 7 - GT 3 hs/ac



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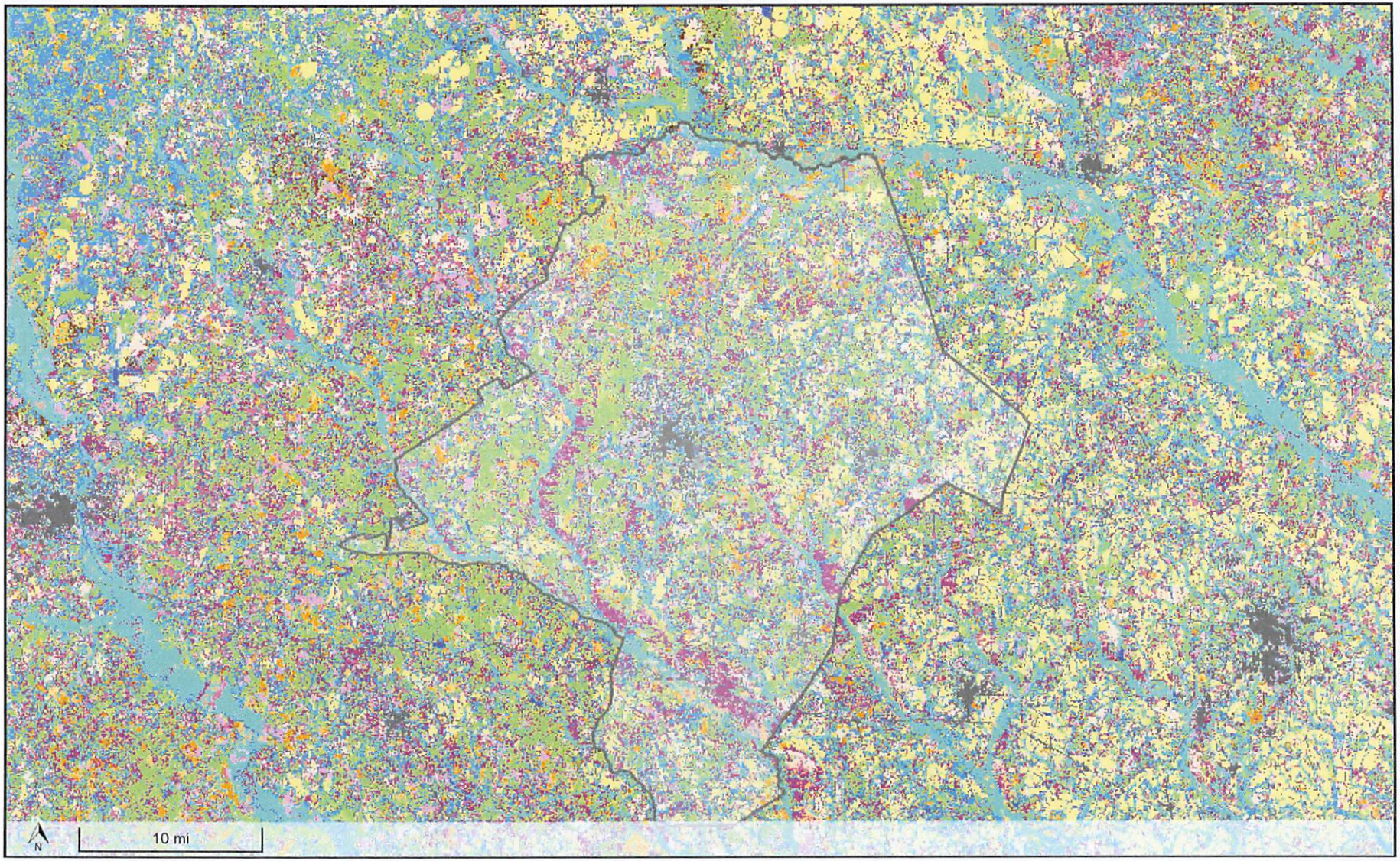
Wildfire Ignition Density



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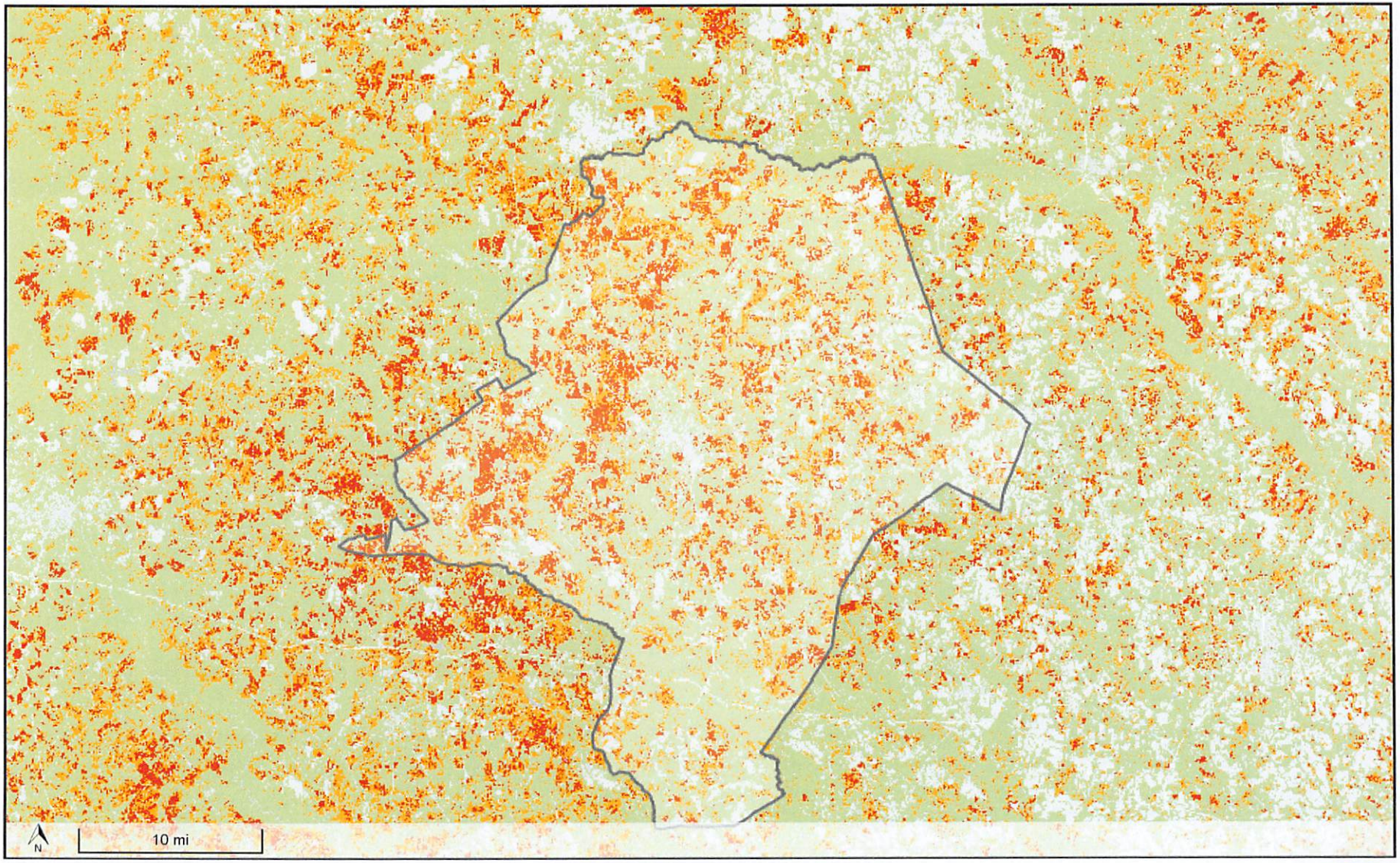
Surface Fuels

- No Data
- GR01
- GR02
- GR03
- GR04
- GR05
- GR06
- GR08
- GR09
- GS01
- GS02
- GS03
- GS04
- SH01
- SH02
- SH03
- SH04
- SH05
- SH06
- SH07
- SH08
- SH09
- TU01
- TU02
- TU03
- TU05
- TL01
- TL02
- TL03
- TL04
- TL05
- TL06
- TL08
- TL09
- SB01
- SB02
- SB03
- GR1h - Custom
- 9PPL - Custom
- 9HWD - TX Only
- FM1 - FL Only
- FM2 - FL Only
- FM3 - FL Only
- FM4 - FL Only
- FM5 - FL Only
- FM6 - FL Only
- FM7 - FL Only
- FM8 - FL Only
- FM9 - FL Only
- FM10 - FL Only
- FM11 - FL Only
- FM12 - FL Only



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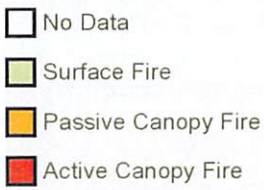
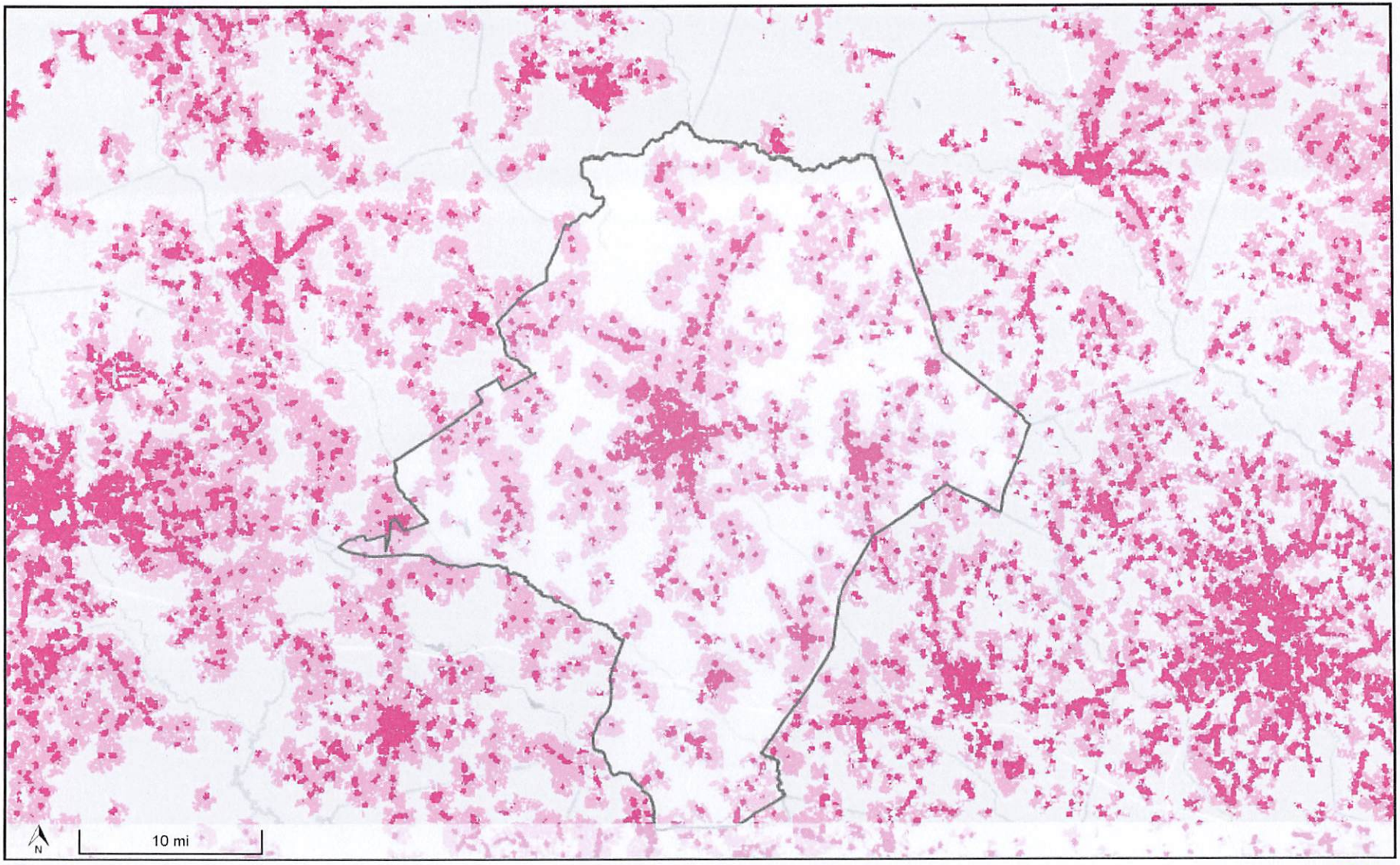
Fire Type - Extreme





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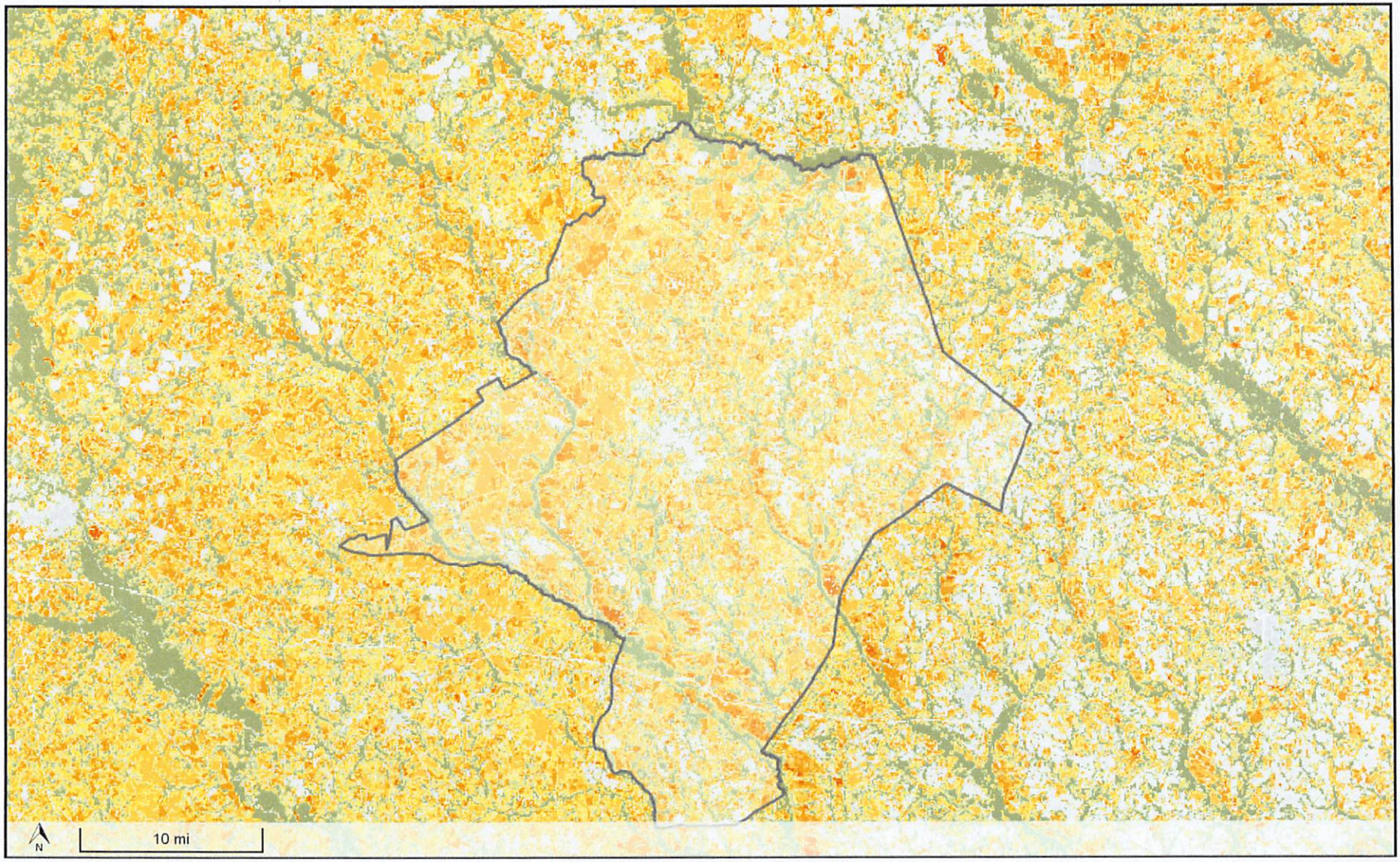
Community Protection Zones

- No Data
- Primary
- Secondary



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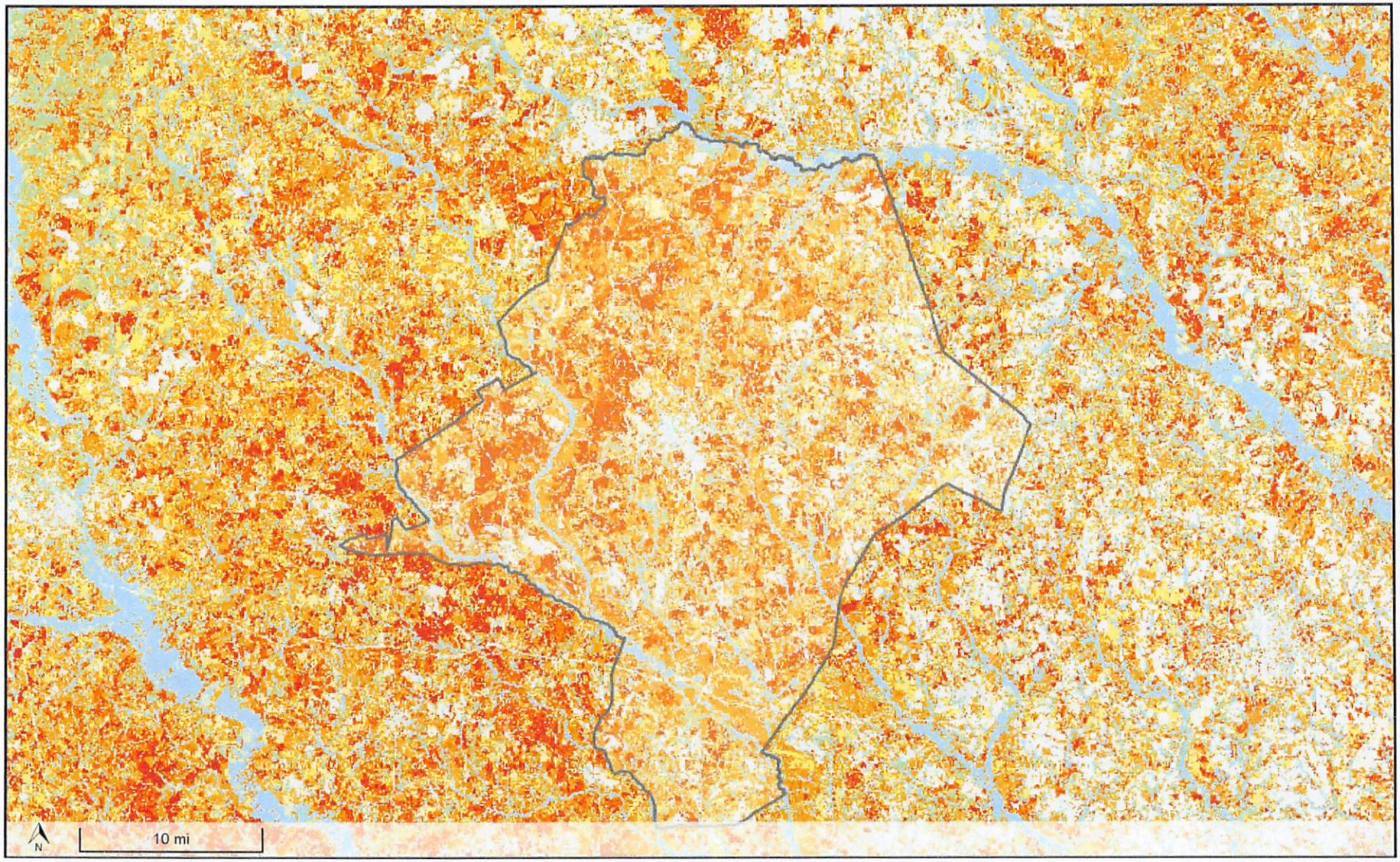
Characteristic Rate of Spread



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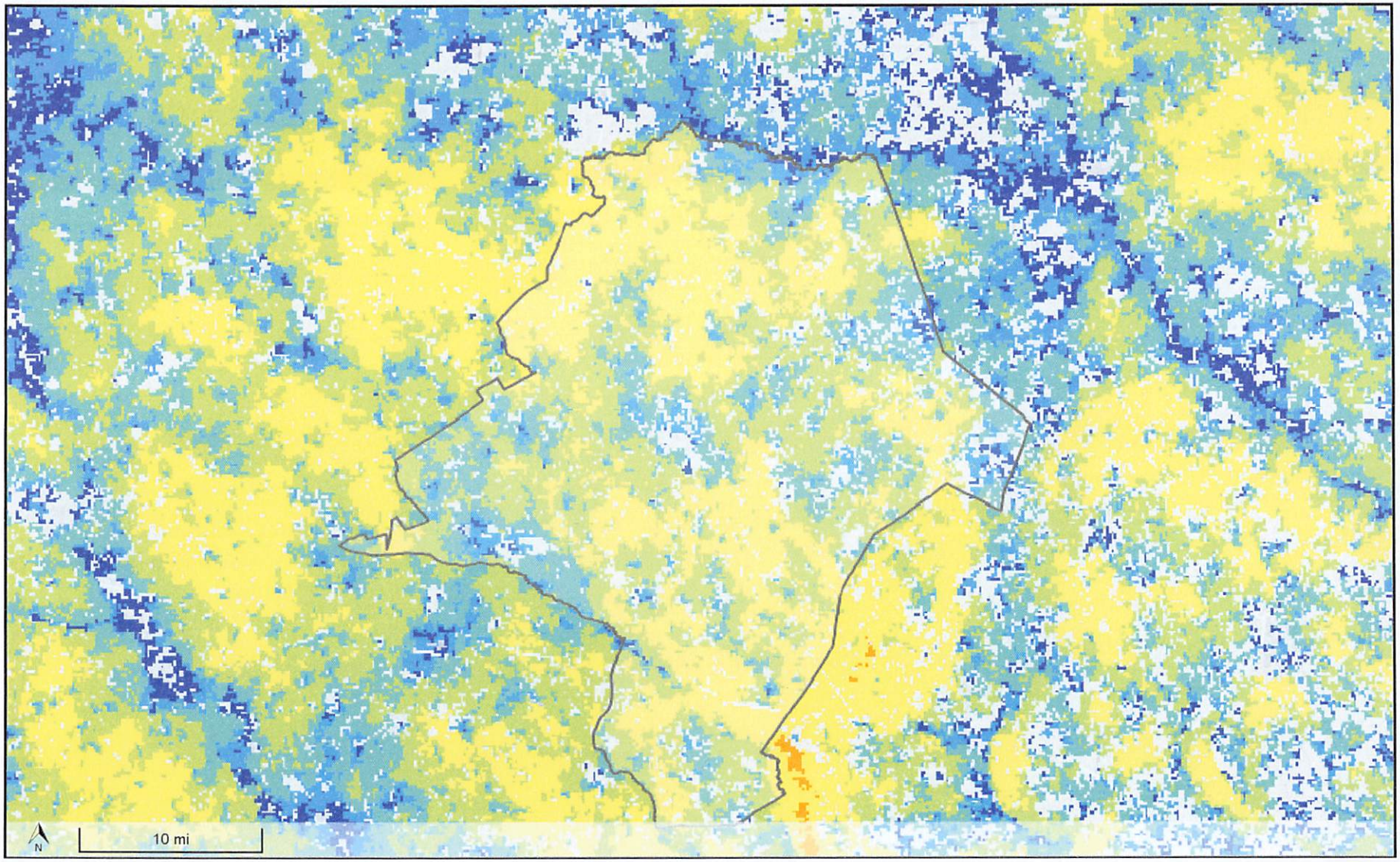
Characteristic Fire Intensity Scale



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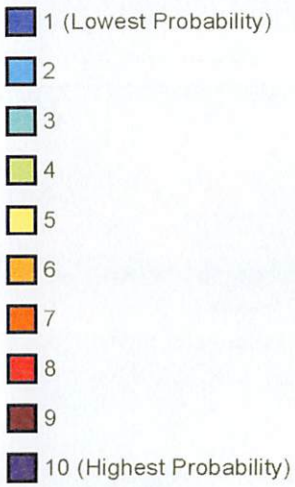
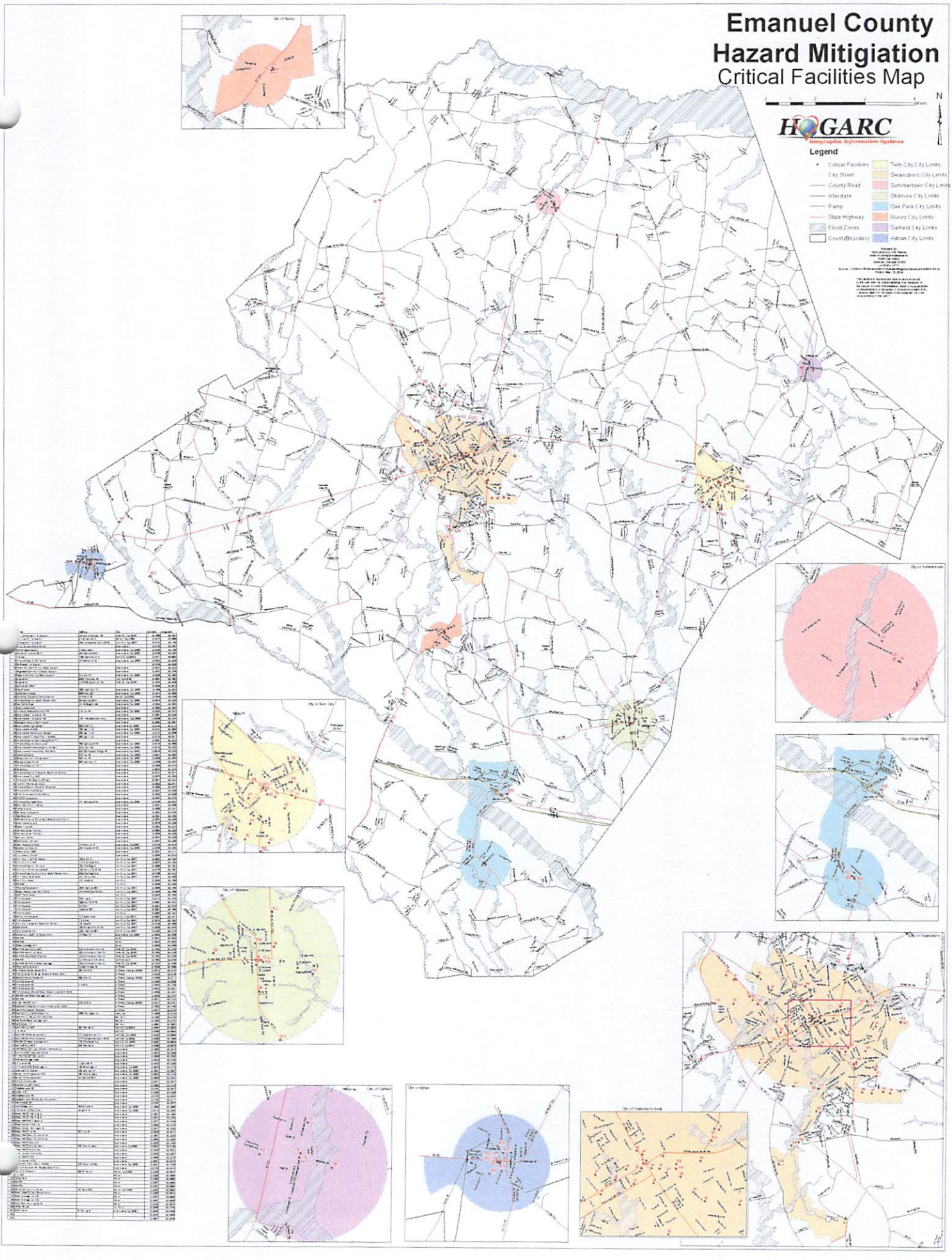
Burn Probability



Emanuel County Hazard Mitigation

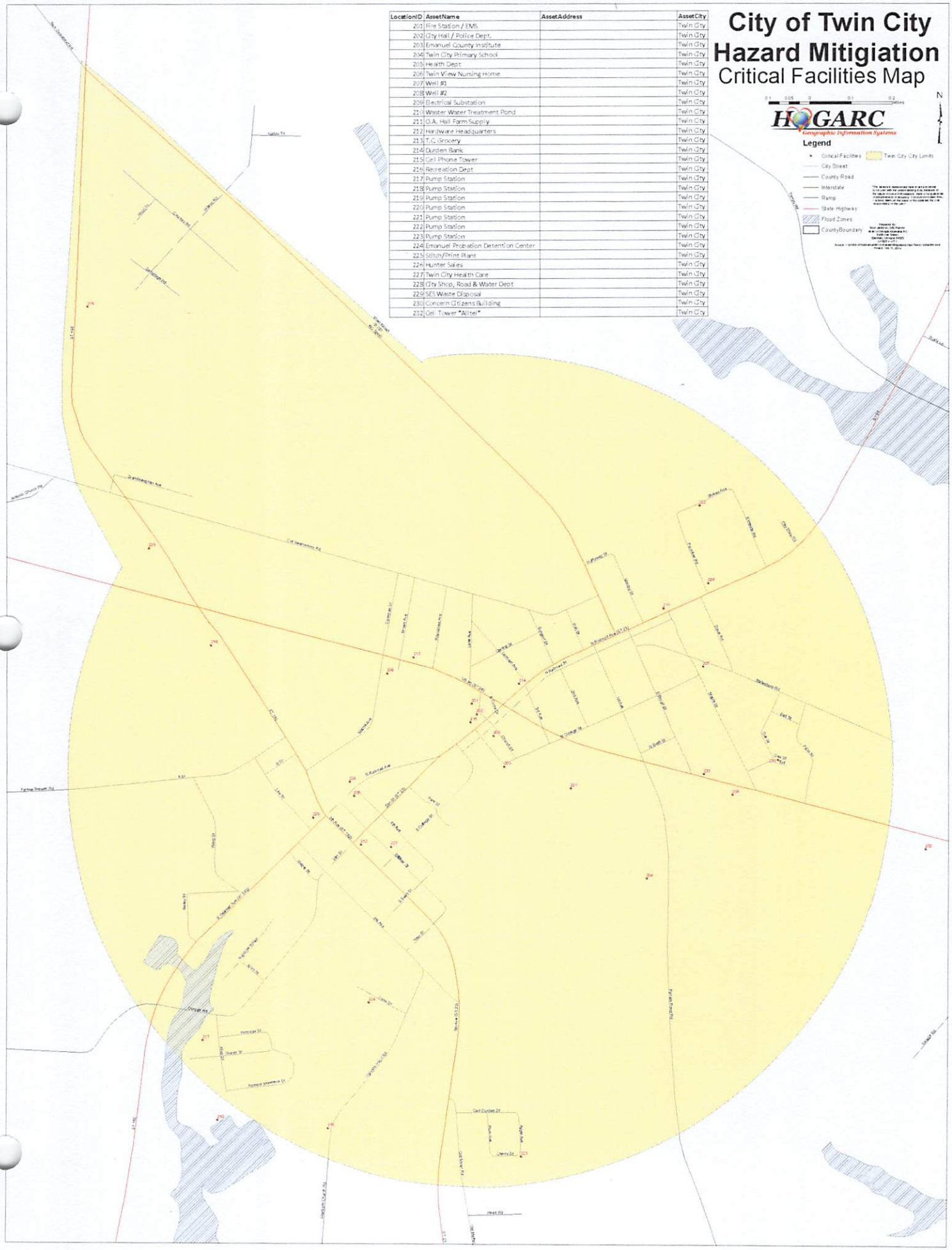
Critical Facilities Map



City of Twin City Hazard Mitigiation

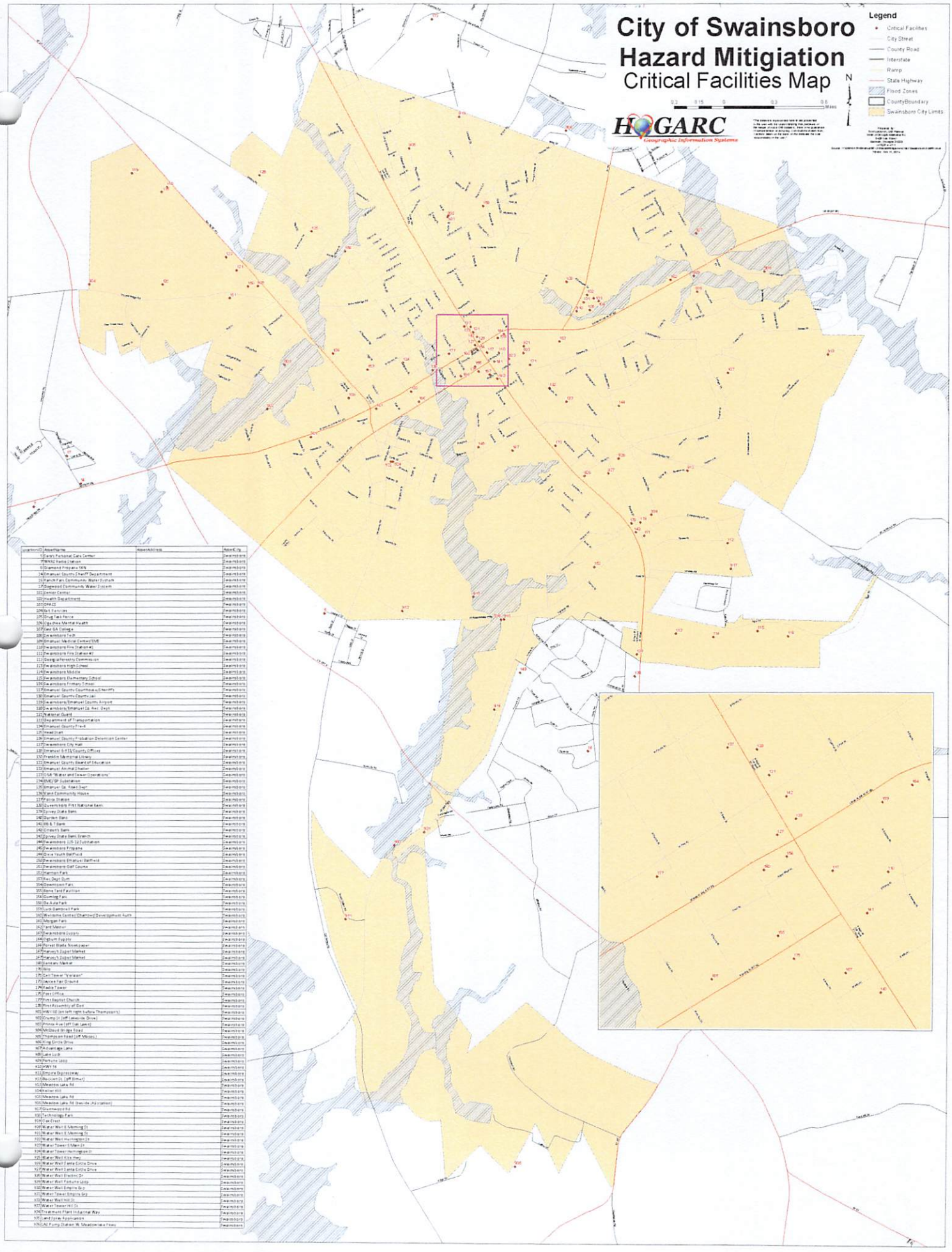
Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Wastar Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Dundee Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City



City of Swainsboro Hazard Mitigiation

Critical Facilities Map



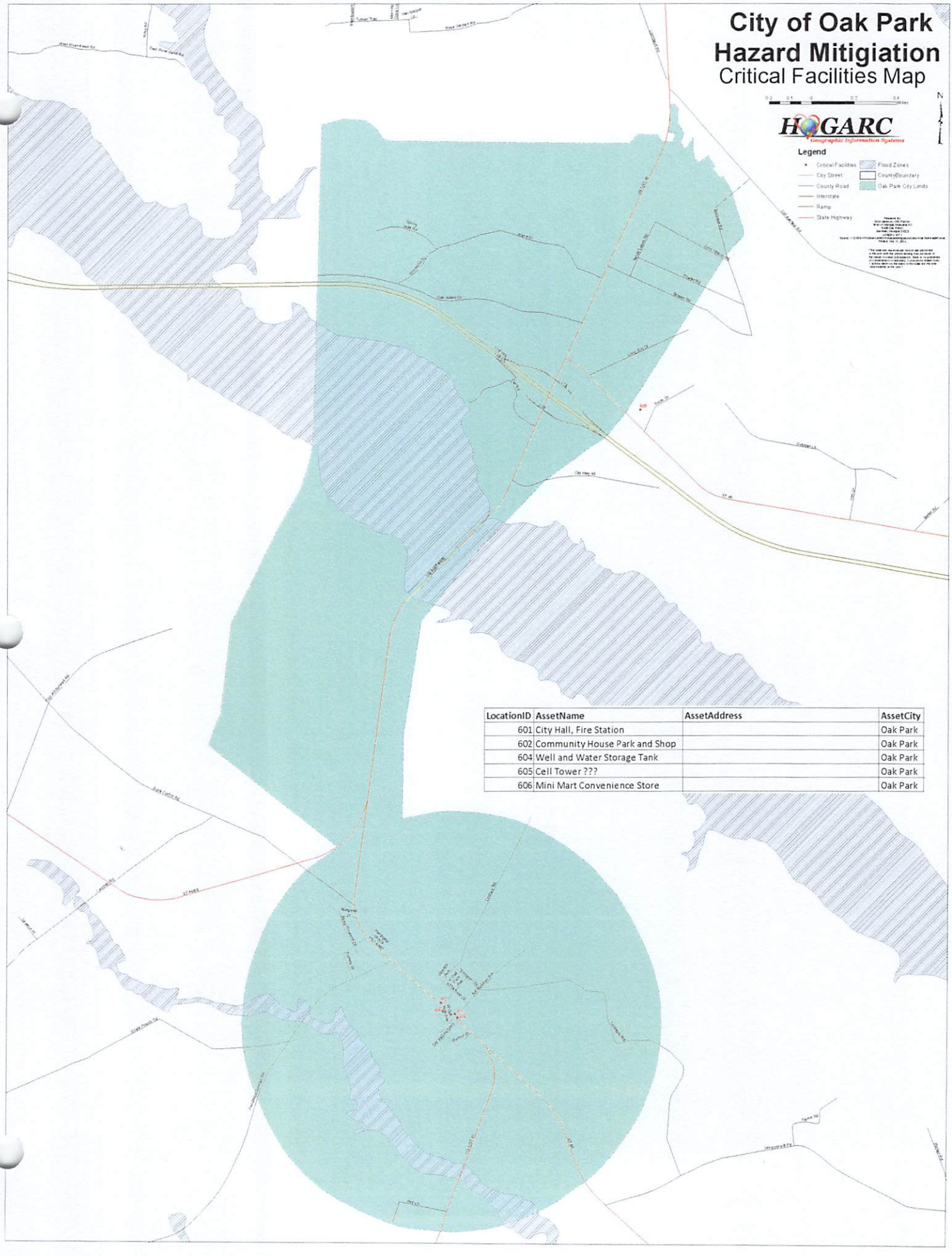
LocationID	AssetName	AssetAddress	AssetCity
1	Early Periodical Care Center		Swainsboro
2	YWCA Rading Division		Swainsboro
3	Diamond Preparatory		Swainsboro
24	Emanuel County Sheriff Department		Swainsboro
25	Ranch Fare Community Water System		Swainsboro
27	Edgewood Community Water System		Swainsboro
30	Senior Center		Swainsboro
32	Health Department		Swainsboro
33	CPA 23		Swainsboro
34	911 Services		Swainsboro
35	Drug Task Force		Swainsboro
36	Daughters Mental Health		Swainsboro
37	East GA College		Swainsboro
38	Swainsboro Tech		Swainsboro
39	Emanuel Medical Center/EMS		Swainsboro
40	Swainsboro Fire (Station #1)		Swainsboro
41	Swainsboro Fire (Station #2)		Swainsboro
42	Georgia Forestry Commission		Swainsboro
43	Swainsboro High School		Swainsboro
44	Swainsboro Middle		Swainsboro
45	Swainsboro Elementary School		Swainsboro
46	Swainsboro Primary School		Swainsboro
47	Emanuel County Courthouse/Sheriff's		Swainsboro
48	Emanuel County Courthouse		Swainsboro
49	Swainsboro/Emanuel County Airport		Swainsboro
50	Swainsboro/Emanuel Co. Rec. Dept		Swainsboro
51	National Guard		Swainsboro
52	Department of Transportation		Swainsboro
54	Emanuel County Pre-K		Swainsboro
57	Head Start		Swainsboro
58	Emanuel County Probation Detention Center		Swainsboro
59	Swainsboro City Hall		Swainsboro
60	Emanuel E-911/County Offices		Swainsboro
61	Franklin Memorial Library		Swainsboro
62	Emanuel County Board of Education		Swainsboro
63	Emanuel Animal Shelter		Swainsboro
65	GA Warrant/Sewer Operations		Swainsboro
66	EMC/SP Substation		Swainsboro
68	Emanuel Co. Road Dept		Swainsboro
69	Kent Community Hooks		Swainsboro
70	Police Station		Swainsboro
80	Queensboro First National Bank		Swainsboro
81	Synovy State Bank		Swainsboro
82	Darden Bank		Swainsboro
83	BB & T Bank		Swainsboro
84	Citizen's Bank		Swainsboro
85	Synovy State Bank Branch		Swainsboro
86	Swainsboro 115-12 Substation		Swainsboro
88	Swainsboro Frigate		Swainsboro
89	Dixie Youth Ballfield		Swainsboro
90	Swainsboro Emanuel Ballfield		Swainsboro
91	Swainsboro Golf Course		Swainsboro
92	Harrison Park		Swainsboro
93	Rec Dept Gym		Swainsboro
94	Downtown Park		Swainsboro
95	Stone Yard Pavilion		Swainsboro
96	Cuming Park		Swainsboro
98	Do A Park		Swainsboro
99	Lyle Gambrell Park		Swainsboro
100	Welcome Center/Chamber/Development Auth		Swainsboro
102	Morgan Park		Swainsboro
107	Yard Master		Swainsboro
108	Swainsboro Supply		Swainsboro
144	Oglesby Supply		Swainsboro
146	Forest State Newspaper		Swainsboro
147	Harvey's Super Market		Swainsboro
148	Harvey's Super Market		Swainsboro
149	Eastern Market		Swainsboro
170	Bike		Swainsboro
171	Cell Tower "Verizon"		Swainsboro
174	Exercise Fair Ground		Swainsboro
176	Radio Tower		Swainsboro
177	Fire Office		Swainsboro
178	First Baptist Church		Swainsboro
179	First Assembly of God		Swainsboro
903	WY 169 (on left right before Thompson's)		Swainsboro
902	County Dr (off Lakeside Drive)		Swainsboro
907	Prince Ave (off Oak Lane)		Swainsboro
906	McCloud Bridge Road		Swainsboro
905	Thompson Road (off Mosley)		Swainsboro
904	King Circle Drive		Swainsboro
967	Advantage Lane		Swainsboro
968	Lake Loch		Swainsboro
969	Perkins Loop		Swainsboro
910	WY 16		Swainsboro
911	Empire Expressway		Swainsboro
912	Madison Dr. (off Elmer)		Swainsboro
913	Meadow Lake Rd		Swainsboro
104	Keller Rd		Swainsboro
105	Meadow Lake Rd		Swainsboro
106	Meadow Lake Rd (beside Ag station)		Swainsboro
917	Greenwood Rd		Swainsboro
918	Technology Park		Swainsboro
919	Elm Crest		Swainsboro
920	Water Well 6 Morning Dr		Swainsboro
921	Water Well 5 Morning Dr		Swainsboro
922	Water Well Huntington Dr		Swainsboro
923	Water Tower 5 Main Dr		Swainsboro
924	Water Tower Huntington Dr		Swainsboro
925	Water Well Kite Hwy		Swainsboro
926	Water Well Santa Circle Drive		Swainsboro
927	Water Well Santa Circle Drive		Swainsboro
928	Water Well Electric Dr		Swainsboro
929	Water Well Fortune Loop		Swainsboro
930	Water Well Empire Exp		Swainsboro
931	Water Tower Empire Exp		Swainsboro
932	Water Well Hill St		Swainsboro
933	Water Tower Hill St		Swainsboro
934	Treatment Plant Industrial Way		Swainsboro
935	Land Spray Application		Swainsboro
936	Lift Pump Station W. Meadowlake Pkwy		Swainsboro

City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigiation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

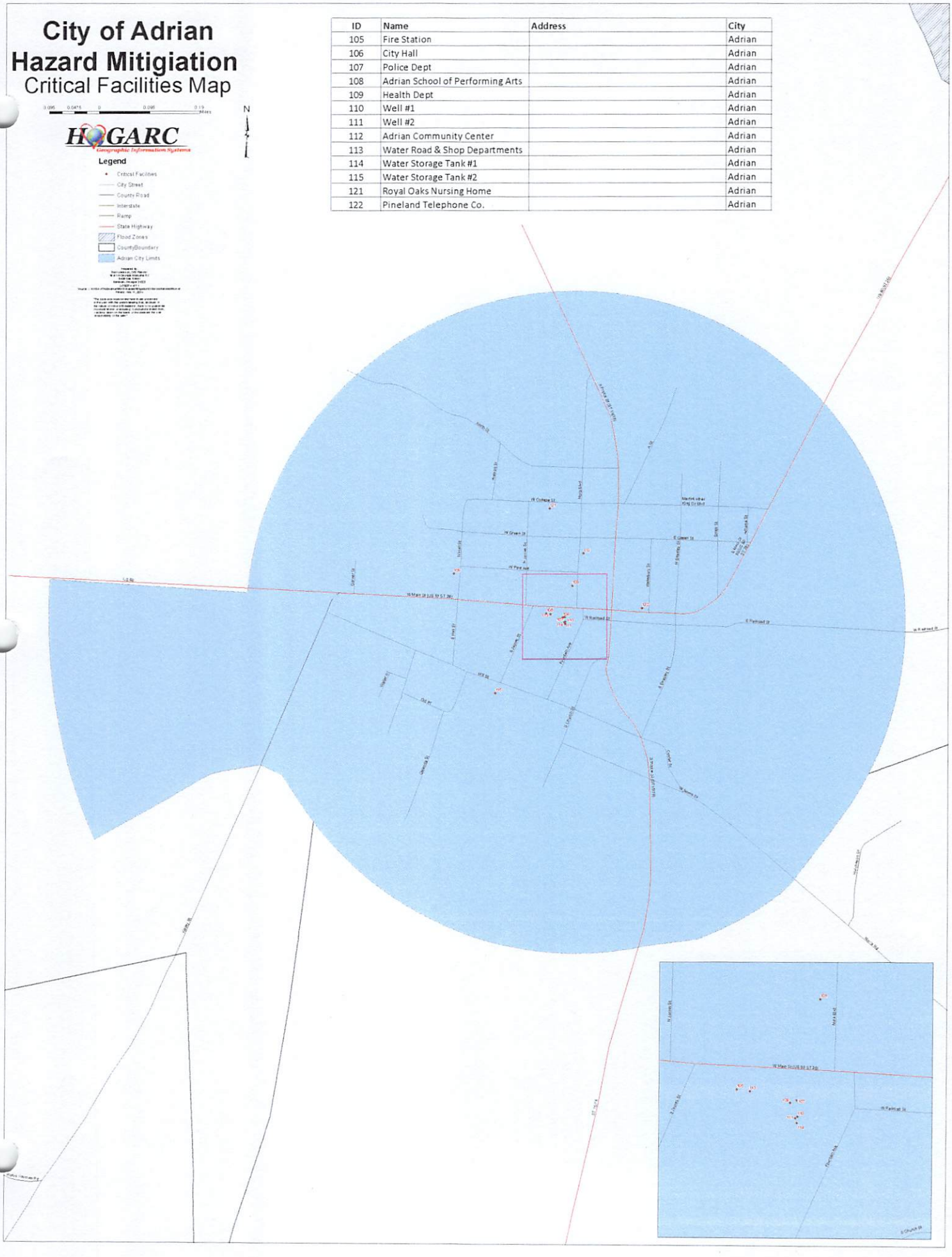
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

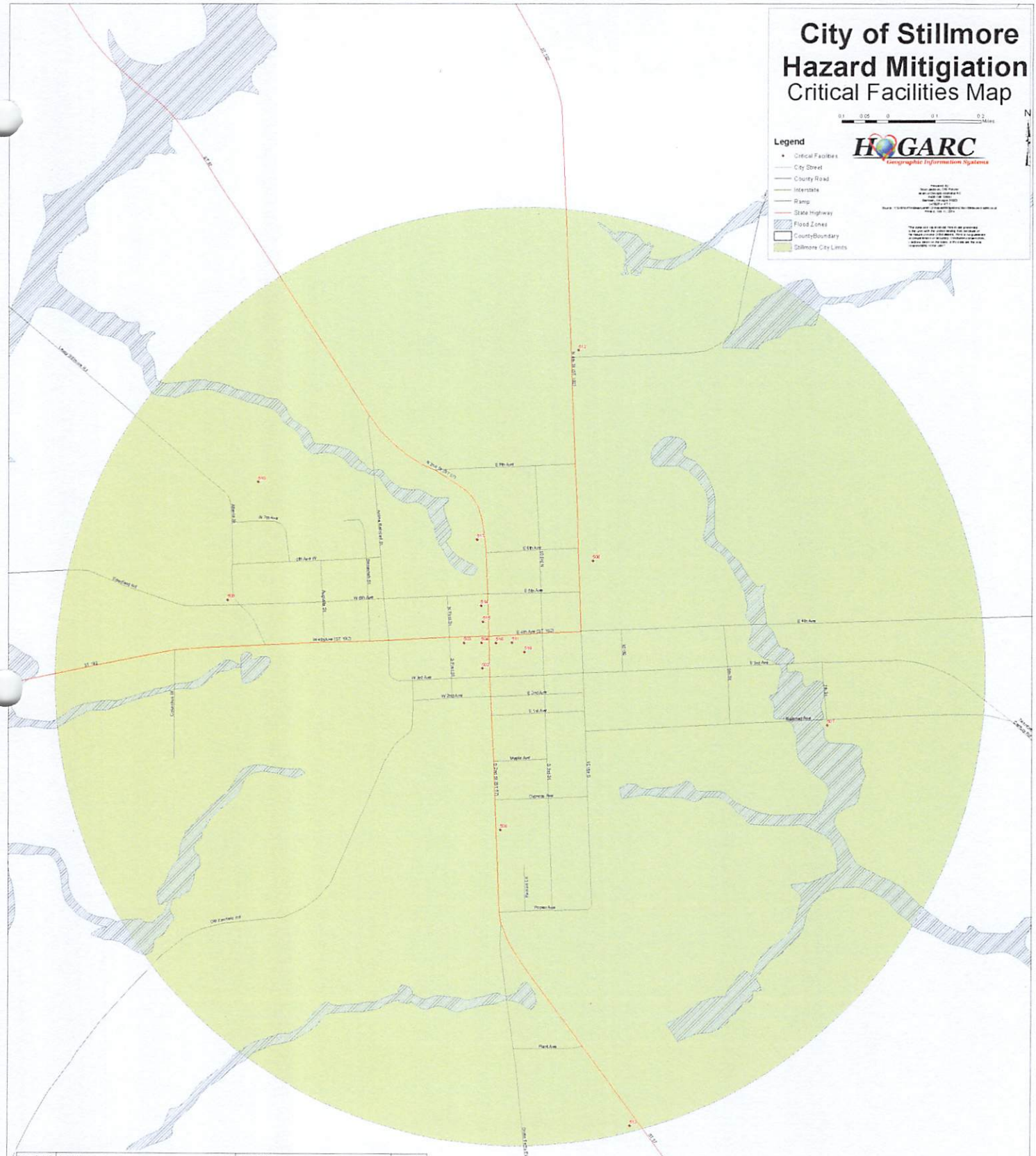
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

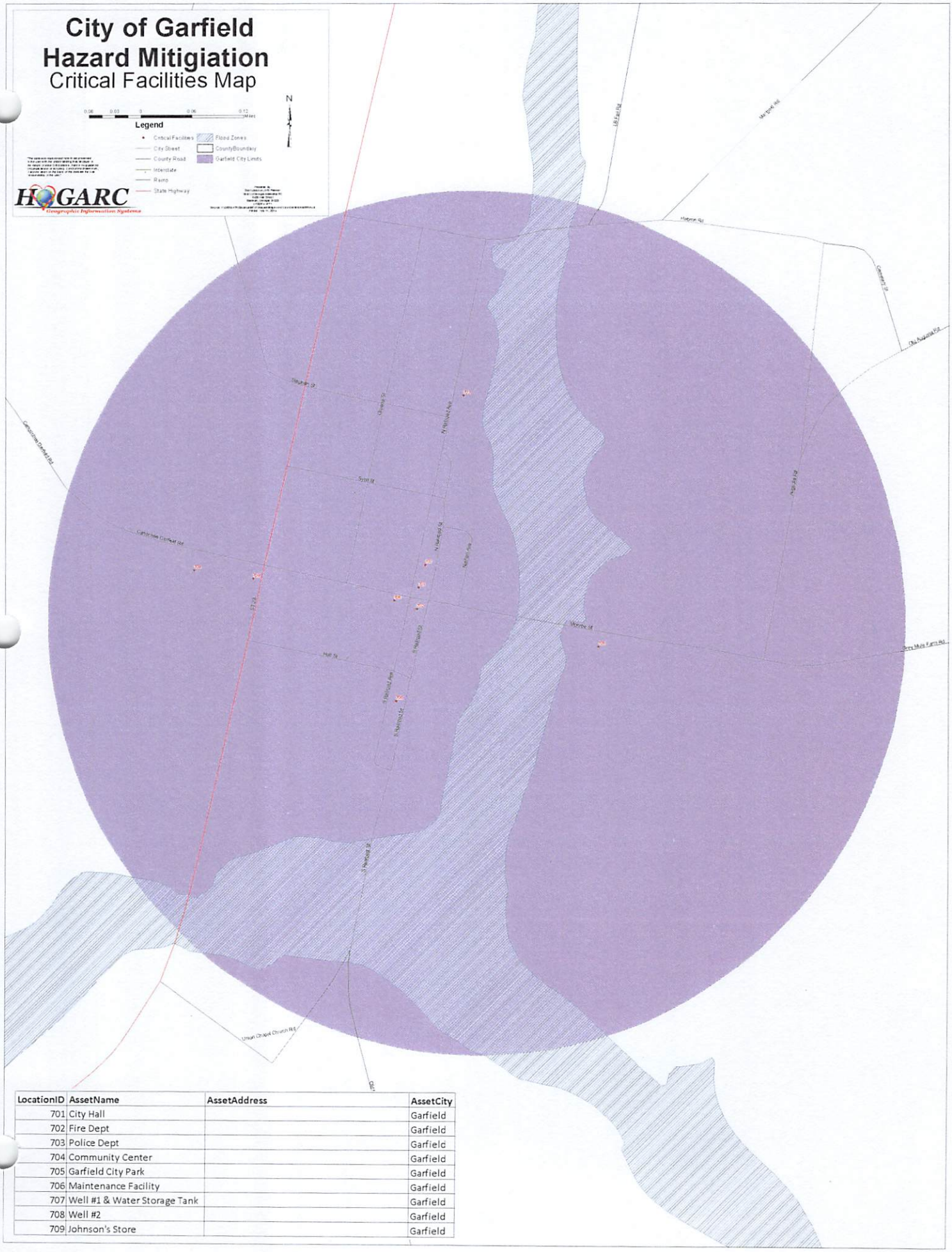
City of Summertown Hazard Mitigiation

Critical Facilities Map

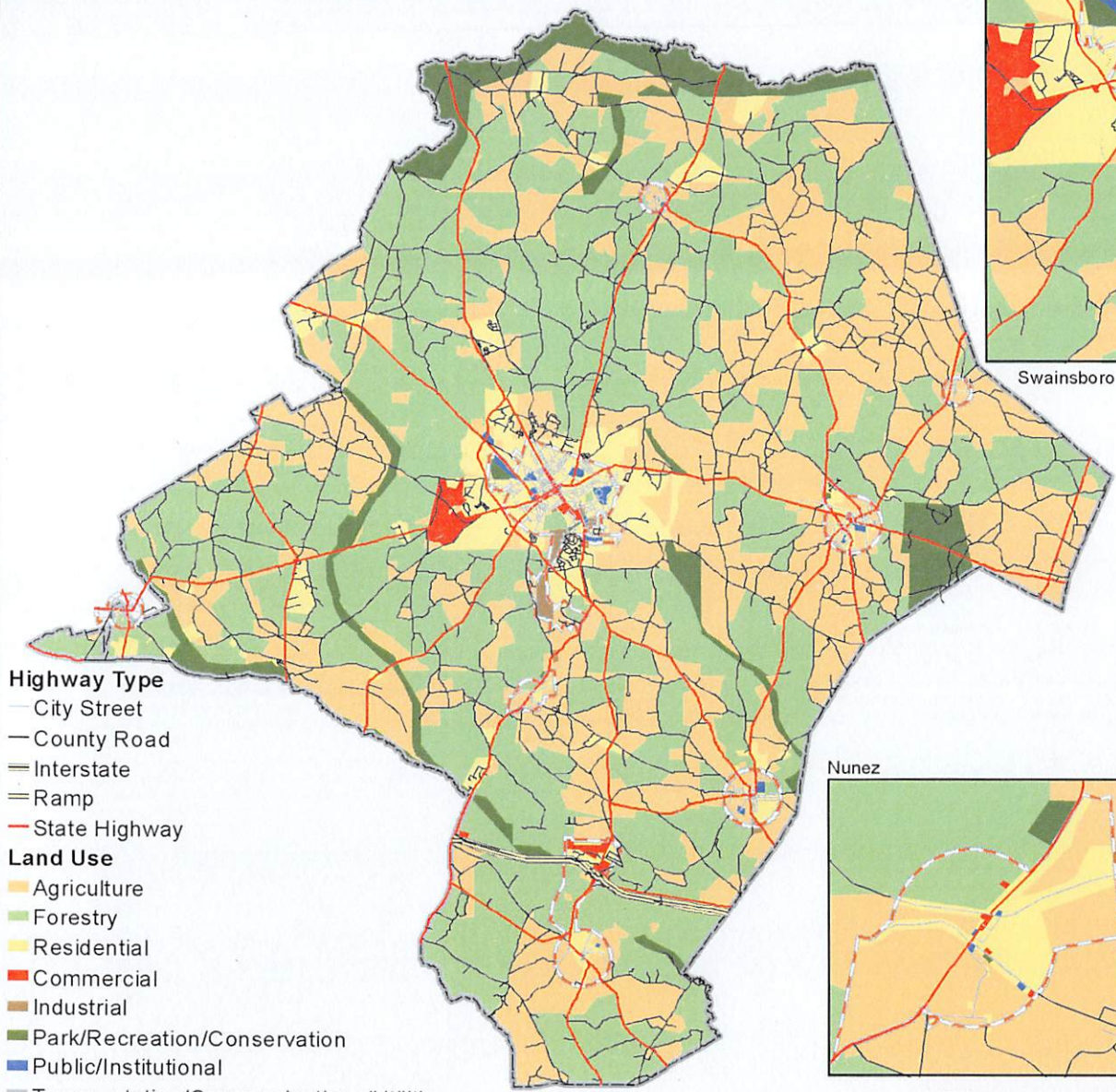
LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigiation

Critical Facilities Map

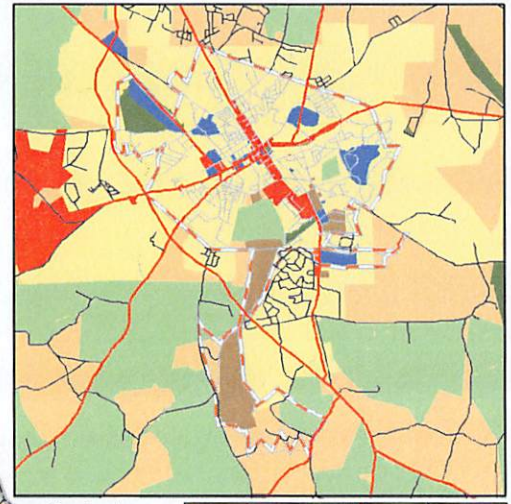


LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield

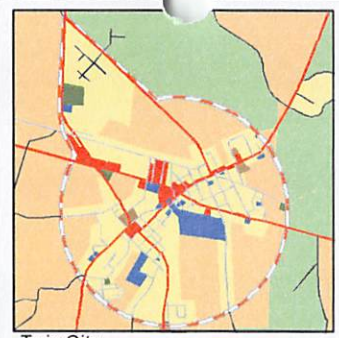


Highway Type
- City Street
- County Road
- Interstate
- Ramp
- State Highway

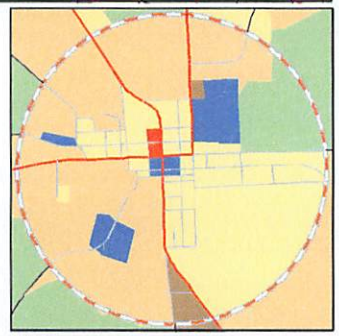
Land Use
- Agriculture
- Forestry
- Residential
- Commercial
- Industrial
- Park/Recreation/Conservation
- Public/Institutional
- Transportation/Communications/Utilities



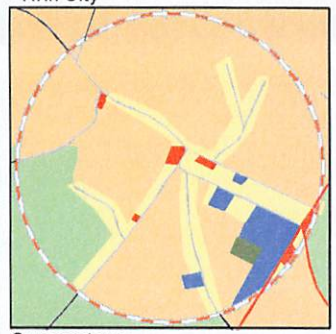
Swainsboro



Twin City



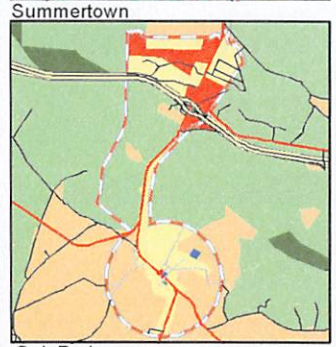
Stillmore



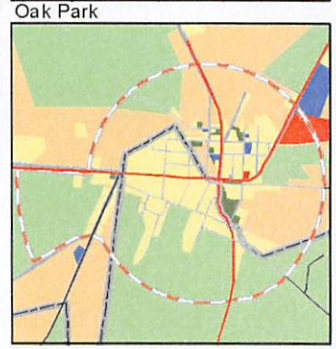
Summertown

Nunez

Garfield



Oak Park



Adrian

Emanuel County Land Use Map

HOGARC Geographic Information Systems

N

4 2 0 4 8

Miles

SOURCE: Heart of Georgia Altamaha RC, 2010

"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Wildfire

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	5713	70.286%	337,336,923.00	237,100,629.70	70.286%	22499	15,749	70%
Commercial	2039	1609	78.908%	85,402,098.00	67,389,087.49	78.908%	7324	5,786	79%
Industrial	171	145	84.716%	15,533,048.00	13,158,976.94	84.716%	1492	1,268	85%
Agricultural	1367	989	72.339%	70,400,013.00	50,926,665.40	72.339%	133	96	72%
Religious/Non-profit	776	611	78.676%	18,391,533.00	14,469,722.50	78.676%	146	115	79%
Government	745	596	79.957%	64,244,138.00	51,367,685.42	79.957%	1993	1,594	80%
Education	238	163	68.449%	17,399,115.00	11,909,520.23	68.449%	7443	5,061	68%
Utilities	3	2	68.421%	85,973.00	58,823.59	68.421%	84	57	68%
Total:	13467	9827	72.573%	608,792,841.00	446,381,111.27	72.573%	41114	29,727	73%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?	x	
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?	x	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	x	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	x	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	4	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	1	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government, EMA	Essential
Emanuel County	Dellwood Fire Station	3	55000	2015	300			0	Emergency Services, Government, EMA	Essential
Swainsboro city	Ranch Park Community Water System	4	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	3	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	3	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	3	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	1	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	4	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	3	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	0	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	3	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	0	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	0	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	0	1275000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Primary/ Pre- K School	0	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government, EMA	Essential
Swainsboro city	Emanuel County County Jail	4	3609989	2015	6000			0	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro/Emanuel County Airport	0	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	1	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	1	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	0	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	3	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	0	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	3	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	4	267000	2015	4500			0	Law Enforcement, Government, EMA	Essential
Swainsboro city	Swainsboro City Hall	3	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	3	57000	2015	250			0	Emergency Services, Government, EMA	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	3	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	3	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	3	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	3	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	4	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	4	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	3	235000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Police Station	3	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	3	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	3	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/Development Auth	3	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	3	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	3	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	3	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	3	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	3	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	3	250000	2015	50			0	Emergency Services, NGO, EMA	Essential

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Jaycee Fair Ground	3	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	3	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	0	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	0	100000	2015	900			0	Emergency Services, Government, EMA	Essential, Important, Economic Assets
Summertown town	Well #1	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	HWY 80 (on left right before Thompson's)	4	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Crump St (off Lakeside Drive)	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Prince Ave (off Oak Lawn)	4	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	McCloud Bridge Road	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lift Station #9	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lift Station #10 Advantage Ln	4	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lake Luck Lift Station	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Sewer Pumping Station #12	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Sewer Pumping Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Empire Expressway	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Bucklen St. (off Elmer)	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd (beside LAS station)	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Glennwood Rd	1	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Technology Park	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well E Morning St	1	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Herrington St	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower E Main St	1	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Herrington St	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well South Circle Drive	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well South Circle Drive	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Electric Dr	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Fortune Loop	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Empire Exp	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Empire Exp	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Hill St	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Hill St	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Treatment Plant Industrial Way	1	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	WJAT Tower	4	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	0	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	3	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	3	17500	2015	1500			0	Emergency Services, Government, EMA	Essential, Lifeline, Important

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Garfield town	Garfield Police Department	3	15000	2015	50			0	Emergency Services, Government, EMA	Essential, Important
Garfield town	Garfield Community Center	3	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Garfield town	Garfield City Well	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Oak Park town	Oak Park City Hall/Police/Fire	3	150000	2015	1000			0	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	3	100000	2015	2000			0	Government, EMA	Essential, Economic Assets
Oak Park town	Well and Water Storage Tank	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	3	40000	2015	500			0	Emergency Services, Government, EMA	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	3	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	3	17500	2015	50			0	Emergency Services, Government, EMA	Essential, Important
Emanuel County	Summertown Comm Center	3	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Nunez town	Well #1	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Nunez town	Well #2	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Nunez town	Water Storage Tank	3	400000	2015	50			0	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	3	130000	2015	1600			0	Law Enforcement, Emergency Services, Government, EMA	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	3	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #2	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #3	4	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #4 and Water Water Treatment Pond	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Well #1 and Water Storage Tank	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Well #2	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Crider Well & Tank	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Colecraft Bldg	3	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	3	50000	2015	50			0	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government, EMA	Essential
Twin City city	Twin City Fire/EMS Station	3	212080	2015	1925			0	Emergency Services, Government, EMA	Essential

Emanuel Critical Facilities: Wildfire Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	4	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	4	45000	2015	500			0	Emergency Services, Government, EMA	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	3	75000	2015	500			0	Emergency Services, Government, EMA	Essential, Important
Adrian city	City Hall	3	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	3	115000	2015	2500			0	Emergency Services, Government, EMA	Essential, Important
Adrian city	Well #1	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Well #2	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Adrian Community Center	3	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	3	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Water Storage Tank #2	3	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Royal Oaks Nursing Home	3	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population
Emanuel County	Substation	3	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

EXCESSIVE HEAT

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	. 13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	$1,590,000.00	$0.00

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	$30,000.00	$0.00

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	$0.00	$0.00

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

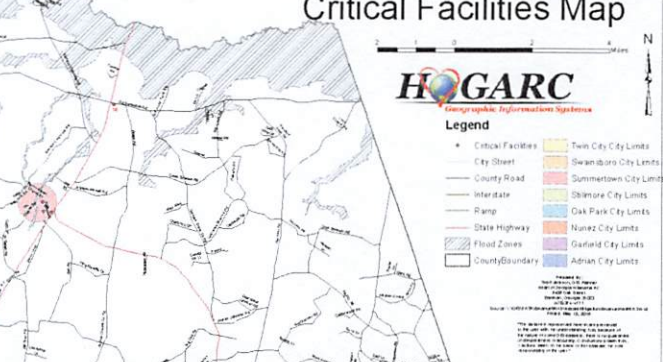
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

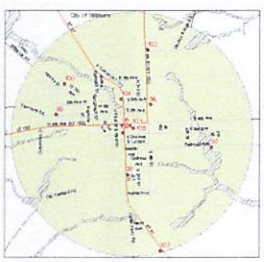
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

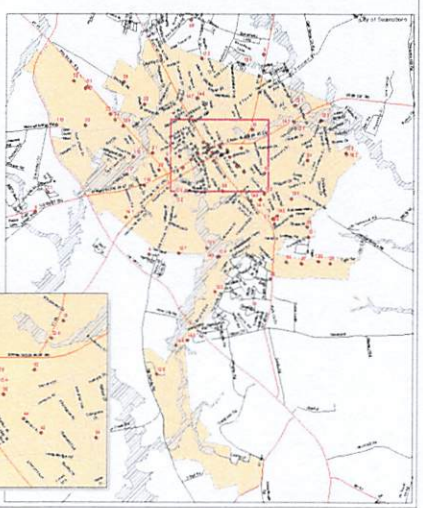
MAPS

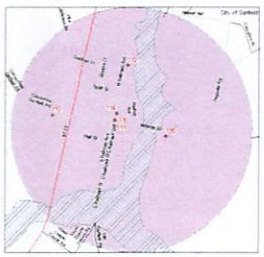
Emanuel County Hazard Mitigation

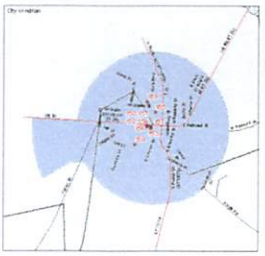
Critical Facilities Map











City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HOGARC
Geographic Information Systems

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

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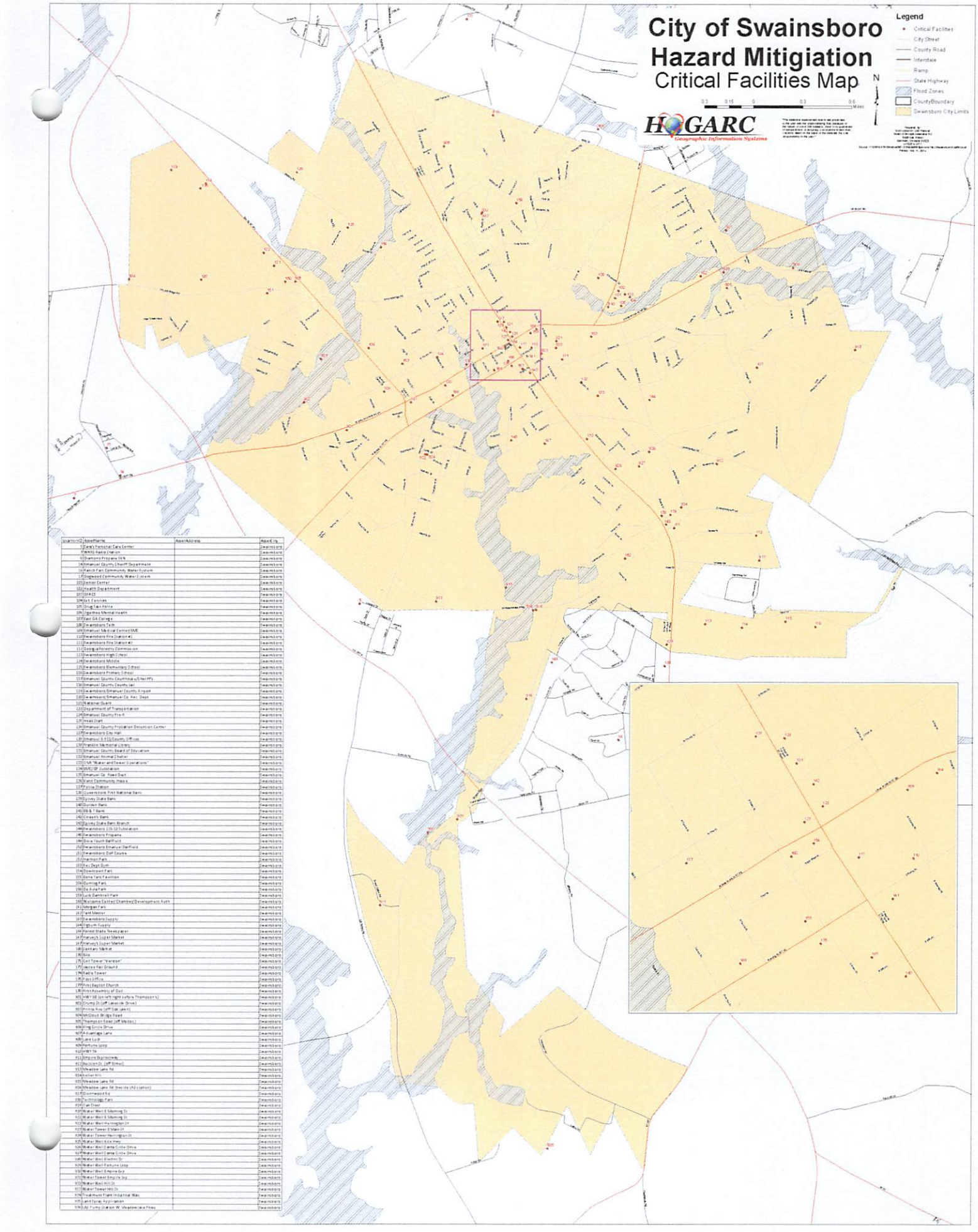
City of Swainsboro Hazard Mitigation

Critical Facilities Map



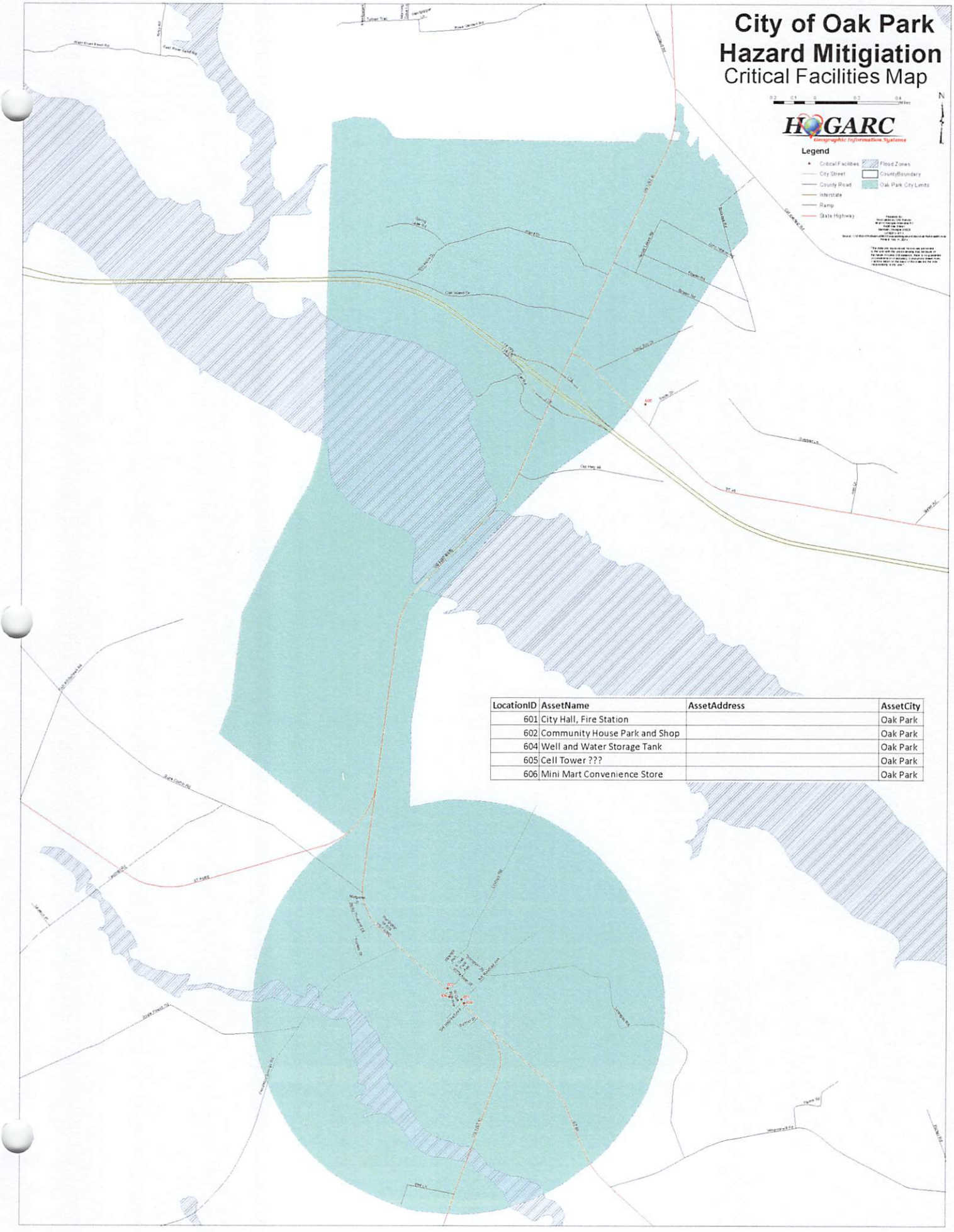
LocationID	AssetName	AssetAddress	AssetCity
1	Early Perinatal Care Center		Swainsboro
2	WWNS Radio Station		Swainsboro
3	Diamond Propane Inc		Swainsboro
4	Emanuel County Sheriff Department		Swainsboro
5	Ranch Fare Community Water System		Swainsboro
6	Dogwood Community Water System		Swainsboro
7	Senior Center		Swainsboro
8	Health Department		Swainsboro
9	DFACS		Swainsboro
10	Early Families		Swainsboro
11	Drug Task Force		Swainsboro
12	Ogeechee Mental Health		Swainsboro
13	Fast Cab Garages		Swainsboro
14	Swainsboro Tech		Swainsboro
15	Emanuel Medical Center EMS		Swainsboro
16	Swainsboro Fire Station #1		Swainsboro
17	Swainsboro Fire Station #2		Swainsboro
18	Georgia Forestry Commission		Swainsboro
19	Swainsboro High School		Swainsboro
20	Swainsboro Middle		Swainsboro
21	Swainsboro Elementary School		Swainsboro
22	Swainsboro Primary School		Swainsboro
23	Emanuel County Courthouse/Sheriff's		Swainsboro
24	Emanuel County Jail		Swainsboro
25	Swainsboro/Emanuel County Airport		Swainsboro
26	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
27	National Guard		Swainsboro
28	Department of Transportation		Swainsboro
29	Emanuel County Fire 6		Swainsboro
30	Head Start		Swainsboro
31	Emanuel County Probation Detention Center		Swainsboro
32	Swainsboro City Hall		Swainsboro
33	Emanuel E-911/County Offices		Swainsboro
34	Brewton Memorial Library		Swainsboro
35	Emanuel County Board of Education		Swainsboro
36	Emanuel Animal Shelter		Swainsboro
37	GSA "Water and Sewer Operations"		Swainsboro
38	GSU/GP Substation		Swainsboro
39	Emanuel Co. Road Dept		Swainsboro
40	Kent Community House		Swainsboro
41	Fire Station		Swainsboro
42	Queensboro First National Bank		Swainsboro
43	Spivey State Bank		Swainsboro
44	Quitman Bank		Swainsboro
45	BB & T Bank		Swainsboro
46	Citizen's Bank		Swainsboro
47	Spivey State Bank Branch		Swainsboro
48	Swainsboro 115-12 Substation		Swainsboro
49	Swainsboro Propane		Swainsboro
50	Dixie Youth Ball Field		Swainsboro
51	Swainsboro Emanuel Ball Field		Swainsboro
52	Swainsboro Golf Course		Swainsboro
53	Harmon Park		Swainsboro
54	Rec Dept Gym		Swainsboro
55	Downtown Park		Swainsboro
56	Stone Tent Pavilion		Swainsboro
57	Gumlog Park		Swainsboro
58	Da Axia Park		Swainsboro
59	Lock Gambrell Park		Swainsboro
60	Welcome Center/Chamber/Development Auth		Swainsboro
61	Morgan Park		Swainsboro
62	Yard Master		Swainsboro
63	Swainsboro Supply		Swainsboro
64	Ogburn Supply		Swainsboro
65	Forest State Nursery per		Swainsboro
66	Fiorucci Super Market		Swainsboro
67	Fiorucci Super Market		Swainsboro
68	Sanitary Market		Swainsboro
69	Kmg		Swainsboro
70	Cell Tower "Verizon"		Swainsboro
71	Police Fair Ground		Swainsboro
72	Radio Tower		Swainsboro
73	Fire Office		Swainsboro
74	First Baptist Church		Swainsboro
75	First Assembly of God		Swainsboro
76	HWY 56 (ex left right before Thompson's)		Swainsboro
77	Crump Dr (off Lakeside Drive)		Swainsboro
78	Prime Rue (off Oak Lawn)		Swainsboro
79	Mc Cloud Bridge Road		Swainsboro
80	Thompson Road (off Mobley)		Swainsboro
81	King Circle Drive		Swainsboro
82	Fairways Lane		Swainsboro
83	Lake Lush		Swainsboro
84	Fortune Loop		Swainsboro
85	HWY 56		Swainsboro
86	Empire Boulevard		Swainsboro
87	Blackshear Dr. (off Elmer)		Swainsboro
88	Meadow Lake Rd		Swainsboro
89	Keller Rd		Swainsboro
90	Meadow Lake Rd		Swainsboro
91	Meadow Lake Rd (beside Addition)		Swainsboro
92	Commerce Rd		Swainsboro
93	Technology Park		Swainsboro
94	Water Crest		Swainsboro
95	Water Well 6 Manning Dr		Swainsboro
96	Water Well 6 Manning Dr		Swainsboro
97	Water Well Harrington Dr		Swainsboro
98	Water Tower 6 Main Dr		Swainsboro
99	Water Tower Harrington Dr		Swainsboro
100	Water Well Kite Hwy		Swainsboro
101	Water Well Santa Circle Drive		Swainsboro
102	Water Well Santa Circle Drive		Swainsboro
103	Water Well Electric Dr		Swainsboro
104	Water Well Fortune Loop		Swainsboro
105	Water Well Empire Grv		Swainsboro
106	Water Tower Empire Sq		Swainsboro
107	Water Well Hill Dr		Swainsboro
108	Water Tower Hill Dr		Swainsboro
109	Treatment Plant Industrial Way		Swainsboro
110	Land Spray Application		Swainsboro
111	Air Pump Station W. Meadowlake Pkwy		Swainsboro

City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park
Hazard Mitigiation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

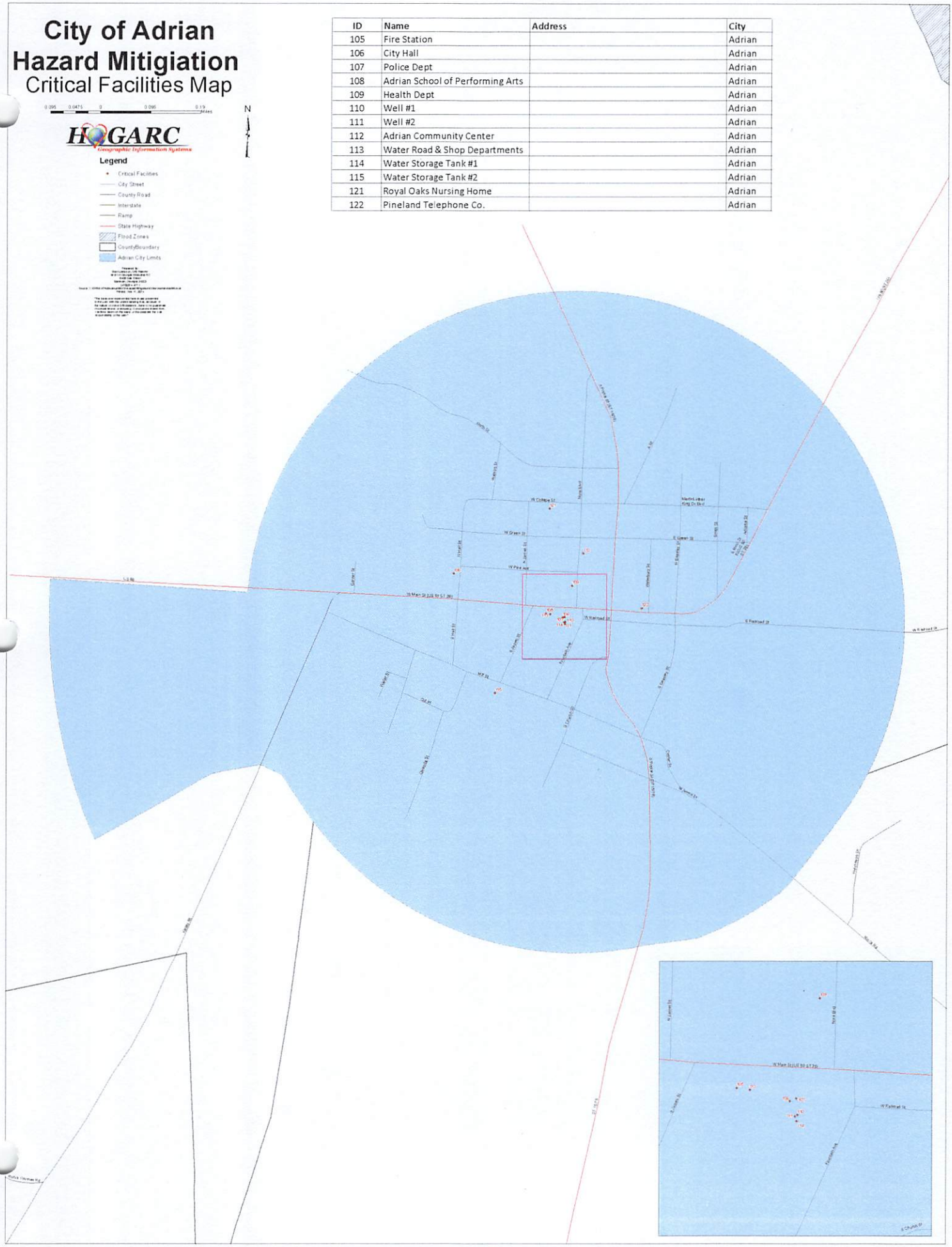
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

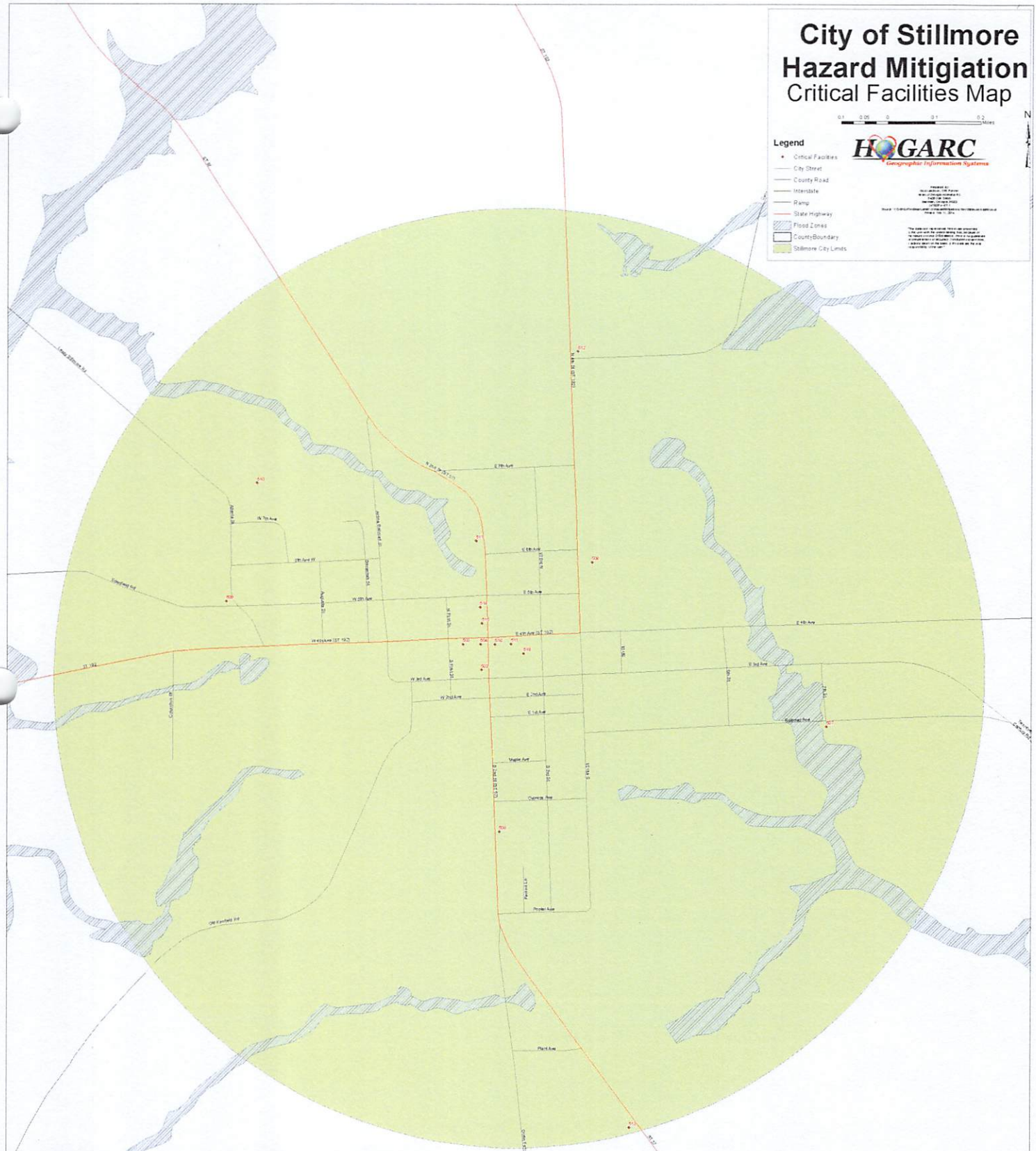
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

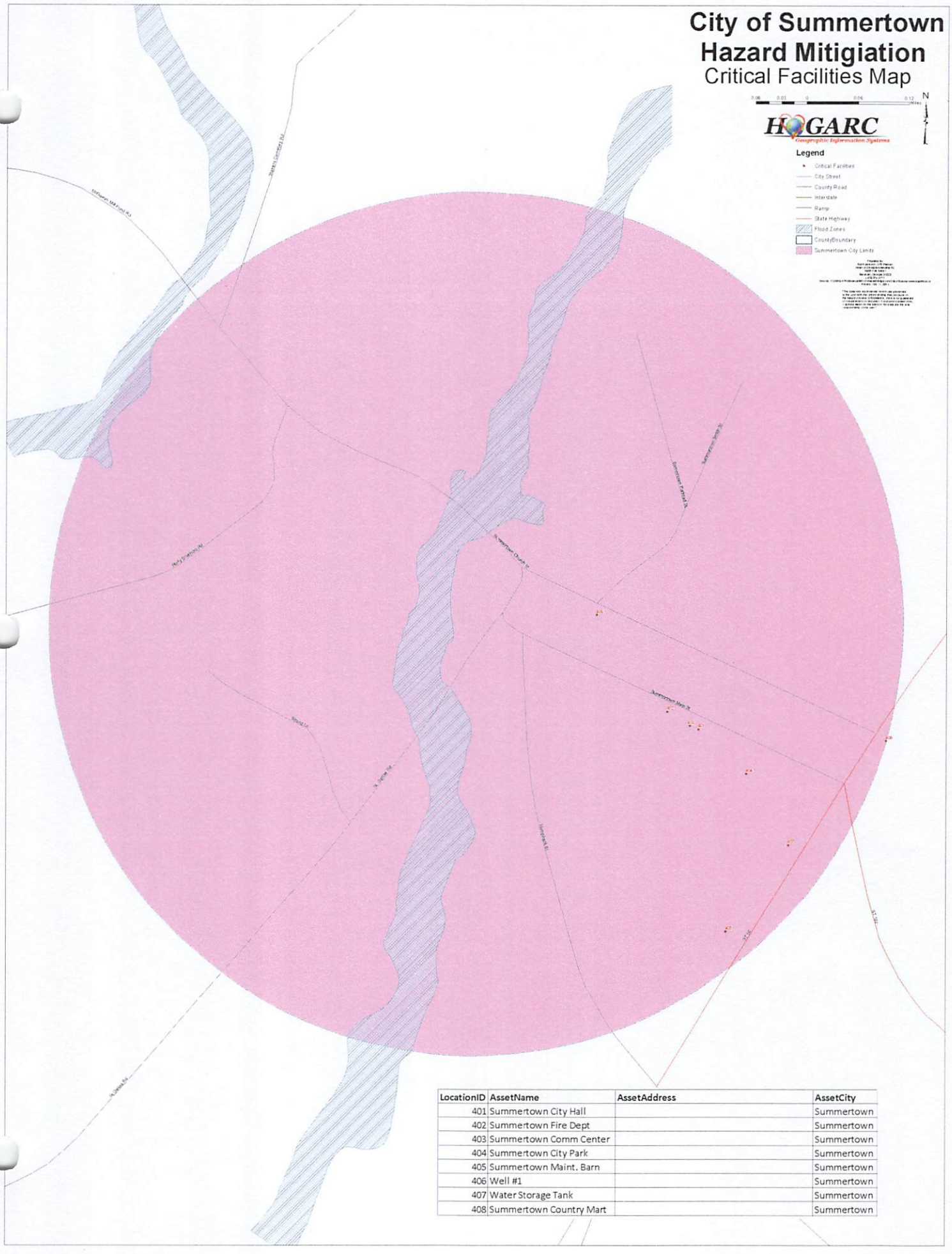
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

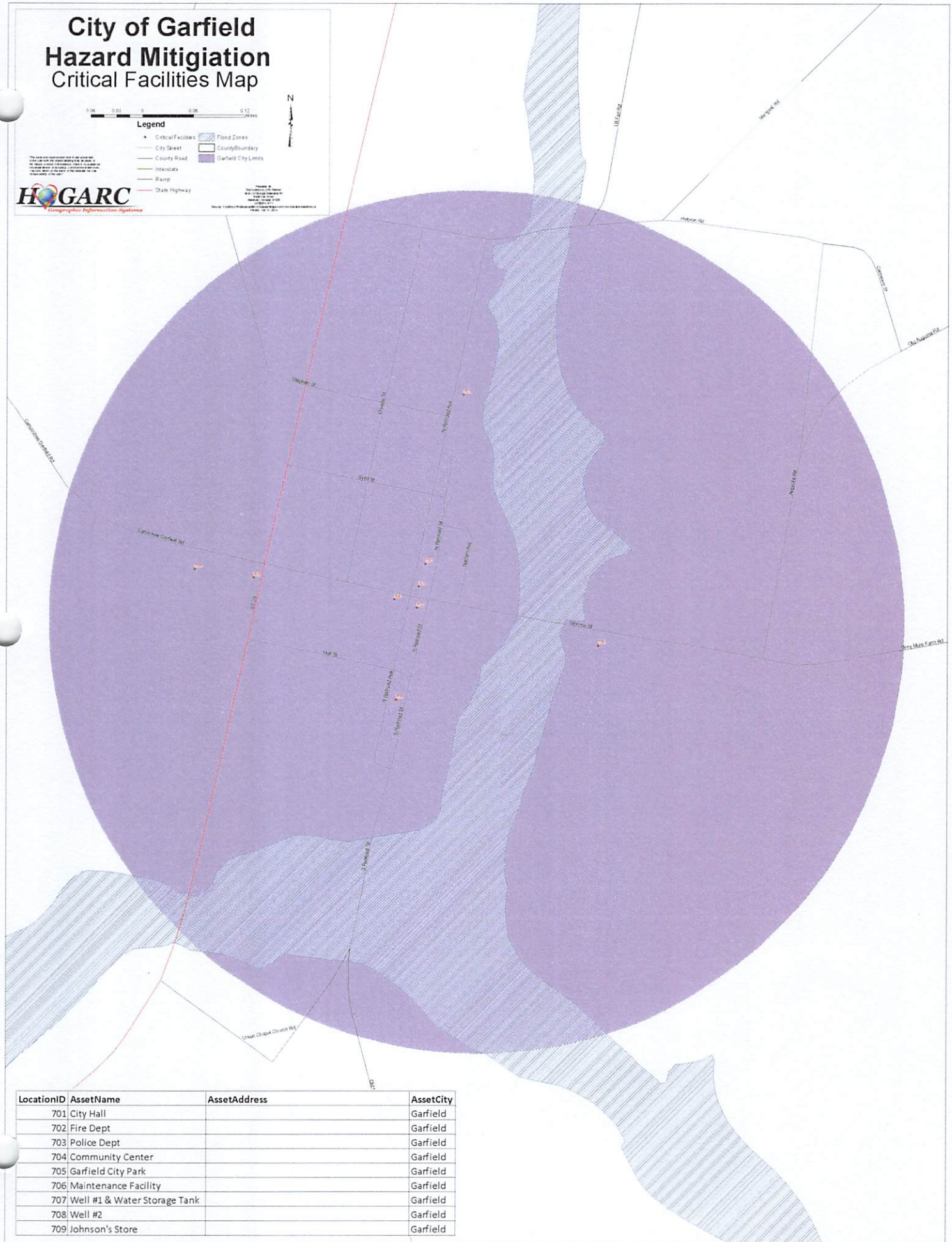
City of Summertown Hazard Mitigation

Critical Facilities Map

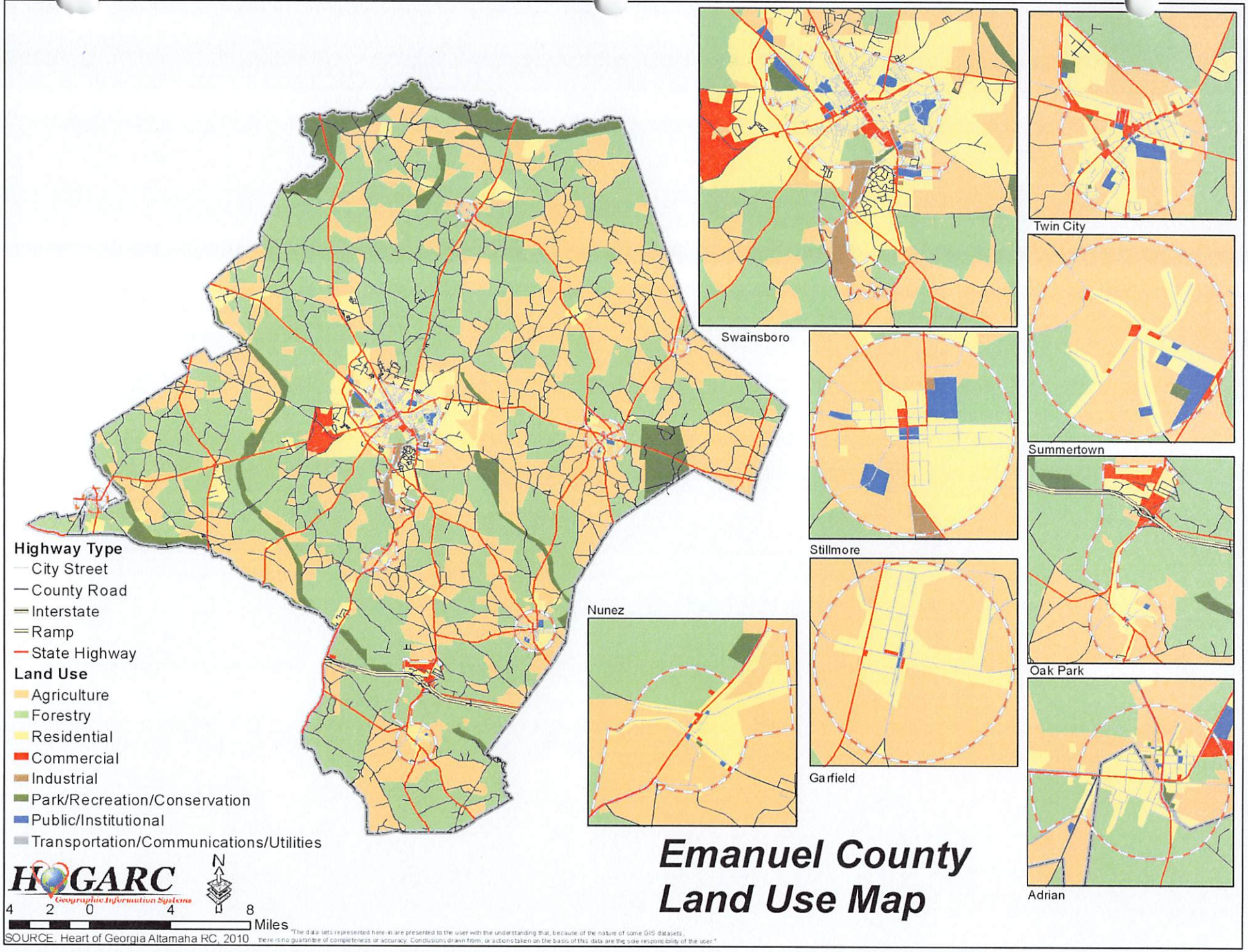


LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

DROUGHT

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

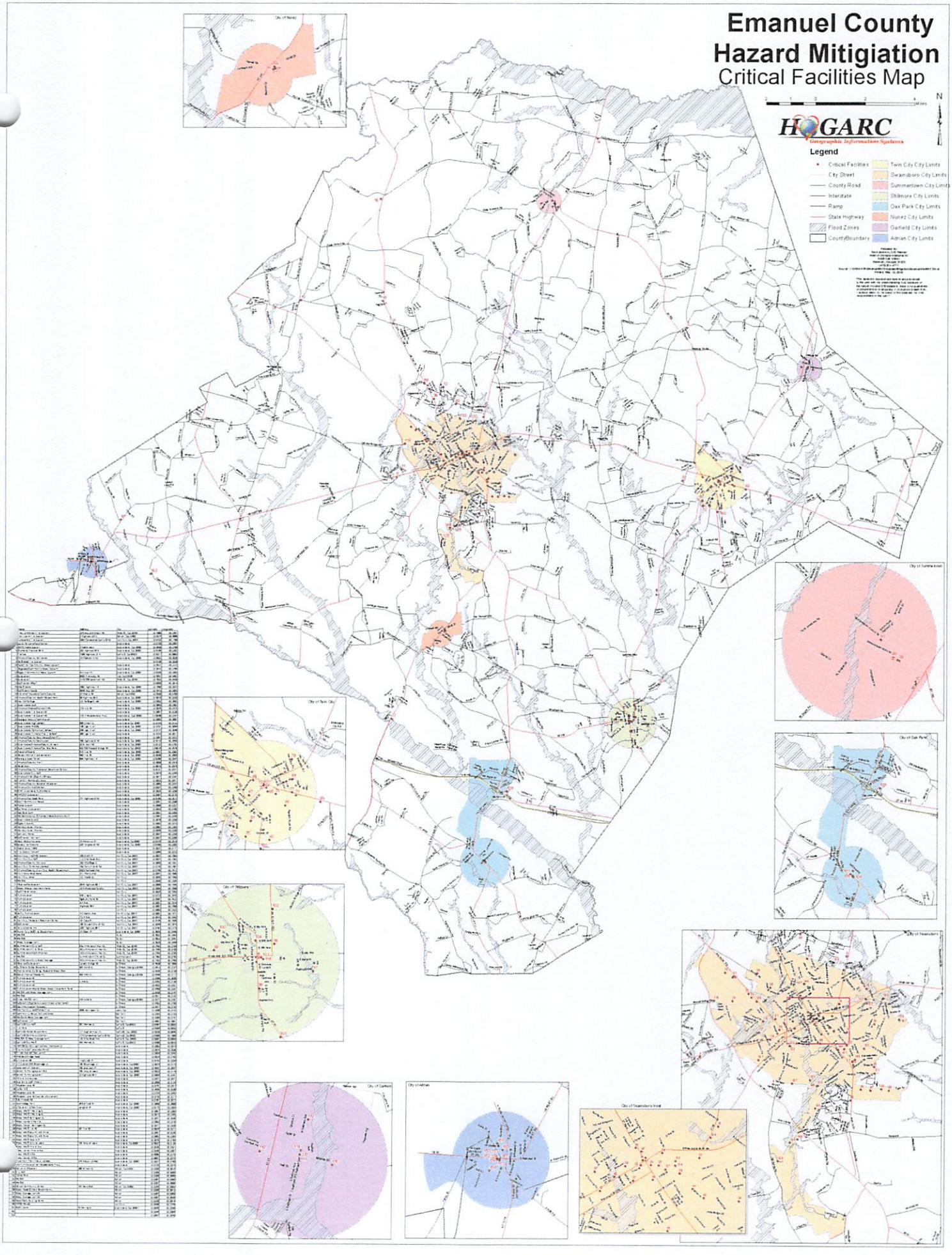
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS

Emanuel County Hazard Mitigation

Critical Facilities Map



City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HOGARC
Geographic Information Systems

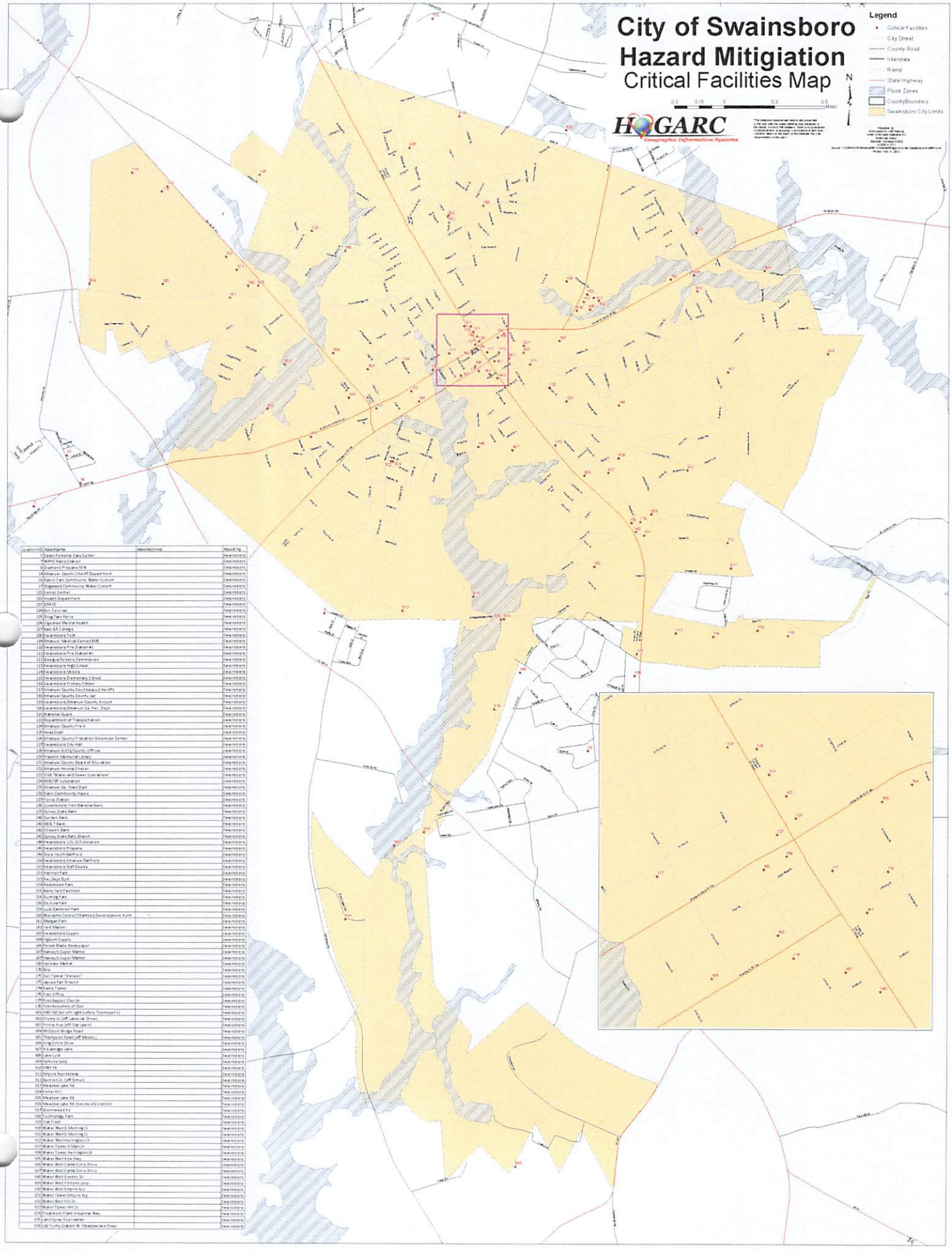
N

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

City of Swainsboro Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Eagle Personal Care Center		Swainsboro
2	WWNS Radio Station		Swainsboro
3	Diamond Propane Of N		Swainsboro
4	Emanuel County Sheriff Department		Swainsboro
5	Ranch Park Community Water System		Swainsboro
6	Ridgewood Community Water System		Swainsboro
7	Senior Center		Swainsboro
8	Health Department		Swainsboro
9	911/EMCD		Swainsboro
10	Best Families		Swainsboro
11	Drug Task Force		Swainsboro
12	Edgefield Mental Health		Swainsboro
13	East GA College		Swainsboro
14	Swainsboro Tech		Swainsboro
15	Emanuel Medical Center/EMS		Swainsboro
16	Swainsboro Fire Station #1		Swainsboro
17	Swainsboro Fire Station #2		Swainsboro
18	Georgia Forestry Commission		Swainsboro
19	Swainsboro High School		Swainsboro
20	Swainsboro Middle		Swainsboro
21	Swainsboro Elementary School		Swainsboro
22	Swainsboro Primary School		Swainsboro
23	Emanuel County Courthouse/Sheriff's		Swainsboro
24	Emanuel County County Jail		Swainsboro
25	Swainsboro/Emanuel County Airport		Swainsboro
26	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
27	National Guard		Swainsboro
28	Department of Transportation		Swainsboro
29	Emanuel County Fire A		Swainsboro
30	Head Start		Swainsboro
31	Emanuel County Probation Detention Center		Swainsboro
32	Swainsboro City Hall		Swainsboro
33	Emanuel E-911/County Offices		Swainsboro
34	Swainsboro Memorial Library		Swainsboro
35	Emanuel County Board of Education		Swainsboro
36	Emanuel Animal Shelter		Swainsboro
37	CSW "Water and Sewer Operations"		Swainsboro
38	MEAG/EGP Substation		Swainsboro
39	Emanuel Co. Road Dept		Swainsboro
40	Valor Community Waste		Swainsboro
41	Fannie Station		Swainsboro
42	Queensboro First National Bank		Swainsboro
43	Coney State Bank		Swainsboro
44	Darden Bank		Swainsboro
45	BB & T Bank		Swainsboro
46	Citizen's Bank		Swainsboro
47	Coney State Bank Branch		Swainsboro
48	Swainsboro 115-12 Substation		Swainsboro
49	Swainsboro Propane		Swainsboro
50	Dixie Youth Ballfield		Swainsboro
51	Swainsboro Emanuel Ballfield		Swainsboro
52	Swainsboro Golf Course		Swainsboro
53	Harmon Park		Swainsboro
54	Fire Dept Gym		Swainsboro
55	Downtown Park		Swainsboro
56	Bank Yard Pavilion		Swainsboro
57	Gumlog Park		Swainsboro
58	Ola Autry Park		Swainsboro
59	Jack Gambrell Park		Swainsboro
60	Welcome Center/Chamber/Development Auth		Swainsboro
61	Morgan Park		Swainsboro
62	Yard Master		Swainsboro
63	Swainsboro Supply		Swainsboro
64	Bigbum Supply		Swainsboro
65	Forest Blade Newspaper		Swainsboro
66	Harvey's Super Market		Swainsboro
67	Harvey's Super Market		Swainsboro
68	Sanitary Market		Swainsboro
69	Wilco		Swainsboro
70	Cell Tower "Verizon"		Swainsboro
71	Dixie Fair Ground		Swainsboro
72	Metro Tower		Swainsboro
73	Fires Office		Swainsboro
74	First Baptist Church		Swainsboro
75	First Assembly of God		Swainsboro
901	HWY 56 (on right before Thompson's)		Swainsboro
902	Crump St (off Lakeside Drive)		Swainsboro
903	Grove Ave (off Oak Lawn)		Swainsboro
904	McCloud Bridge Road		Swainsboro
905	Thompson Road (off Meadow)		Swainsboro
906	King Circle Drive		Swainsboro
907	Adam Eden Lane		Swainsboro
908	Lake Lodi		Swainsboro
909	Fortune Loop		Swainsboro
910	HWY 56		Swainsboro
911	Empire Expressway		Swainsboro
912	Sinclair Dr. (off Elmer)		Swainsboro
913	Meadow Lake Rd		Swainsboro
914	Kahler Hill		Swainsboro
915	Meadow Lake Rd		Swainsboro
916	Meadow Lake Rd (beside ADJ station)		Swainsboro
917	Stonewood Ln		Swainsboro
918	Technology Park		Swainsboro
919	Main Creek		Swainsboro
920	Water Well 6 (Morning Dr)		Swainsboro
921	Water Well 8 (Morning Dr)		Swainsboro
922	Water Well Huntington Dr		Swainsboro
923	Water Tower Elbert Dr		Swainsboro
924	Water Tower Huntington Dr		Swainsboro
925	Water Well Ezra Way		Swainsboro
926	Water Well Dante Circle Drive		Swainsboro
927	Water Well Dante Circle Drive		Swainsboro
928	Water Well Fenton Dr		Swainsboro
929	Water Well Fortune Loop		Swainsboro
930	Water Well Empire Exp		Swainsboro
931	Water Tower Empire Exp		Swainsboro
932	Water Well Hill Dr		Swainsboro
933	Water Tower Hill Dr		Swainsboro
934	Treatment Plant Industrial Way		Swainsboro
935	Land Farm Application		Swainsboro
936	LAS Pump Station W. Meadowlake Pkwy		Swainsboro

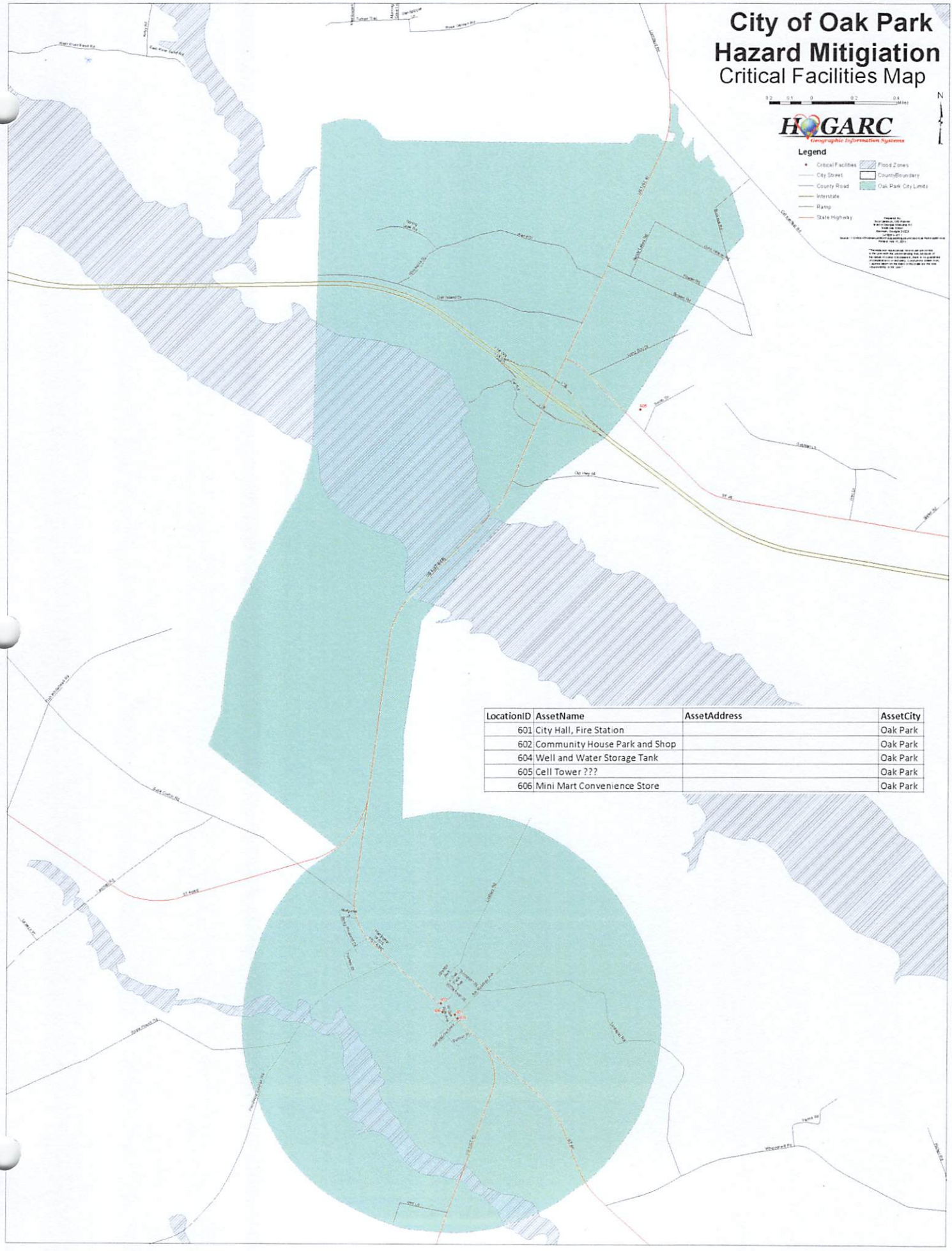
City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

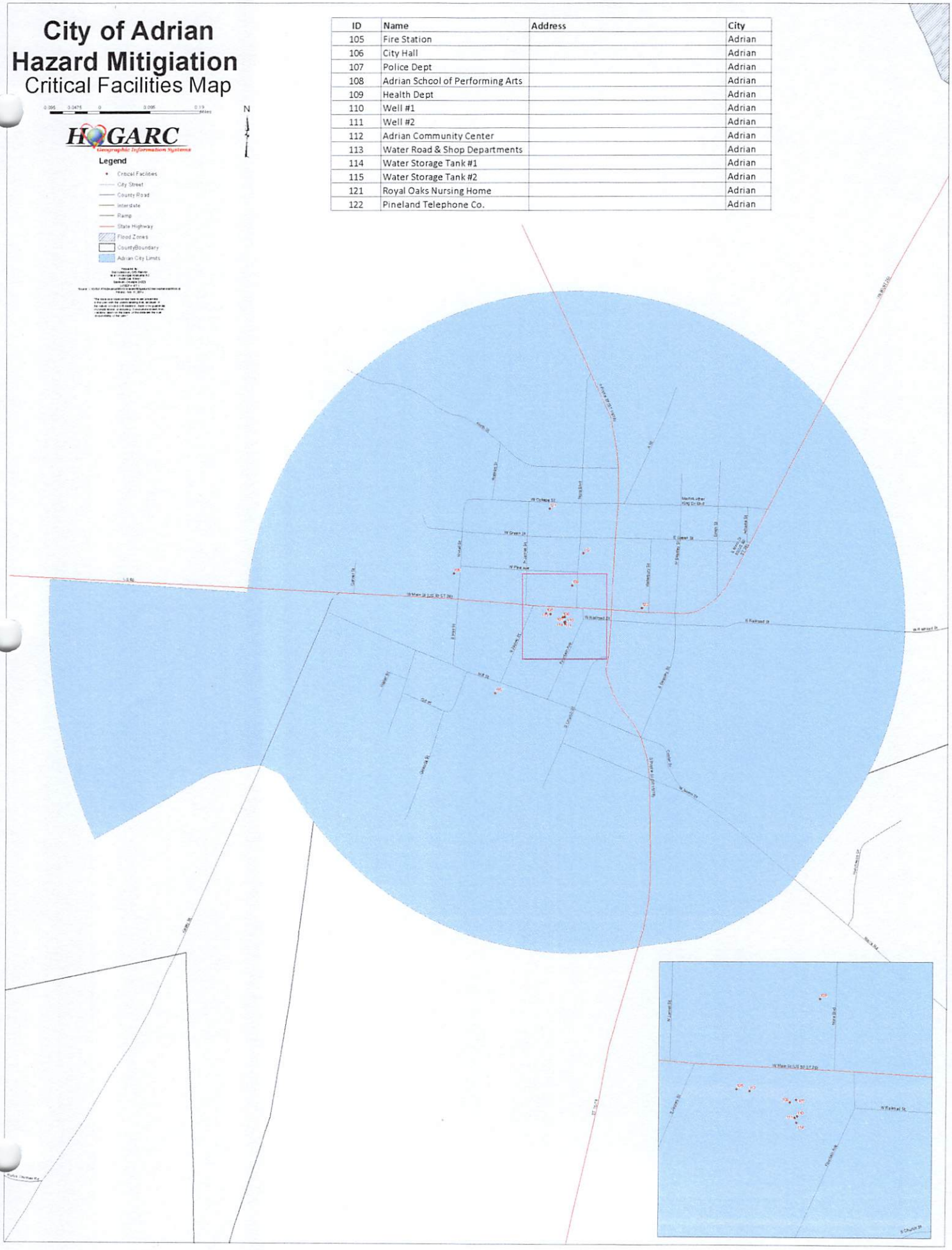
0.095 0.0475 0 0.095 0.19 Miles

N

HGARC Geographic Information Systems

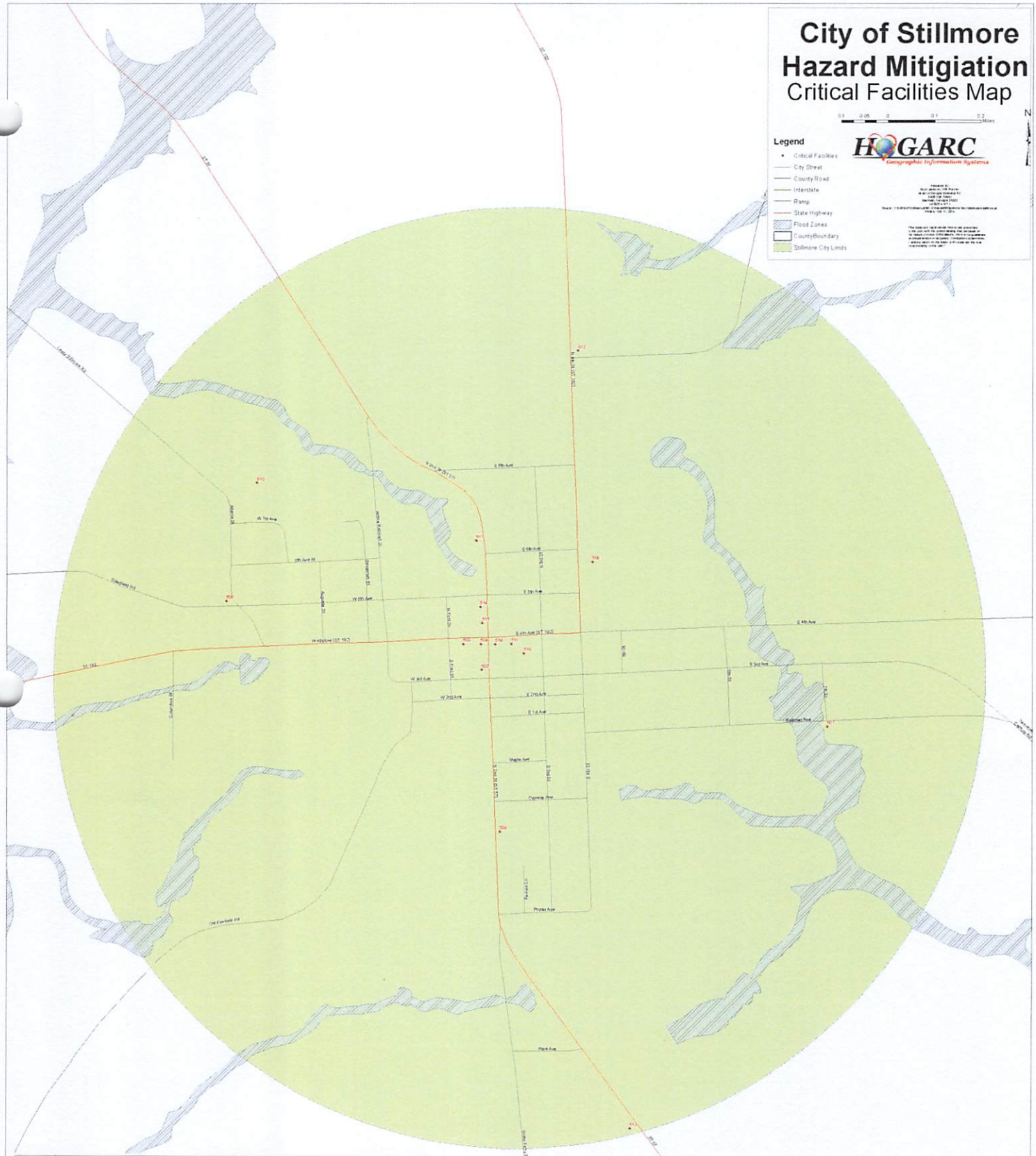
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

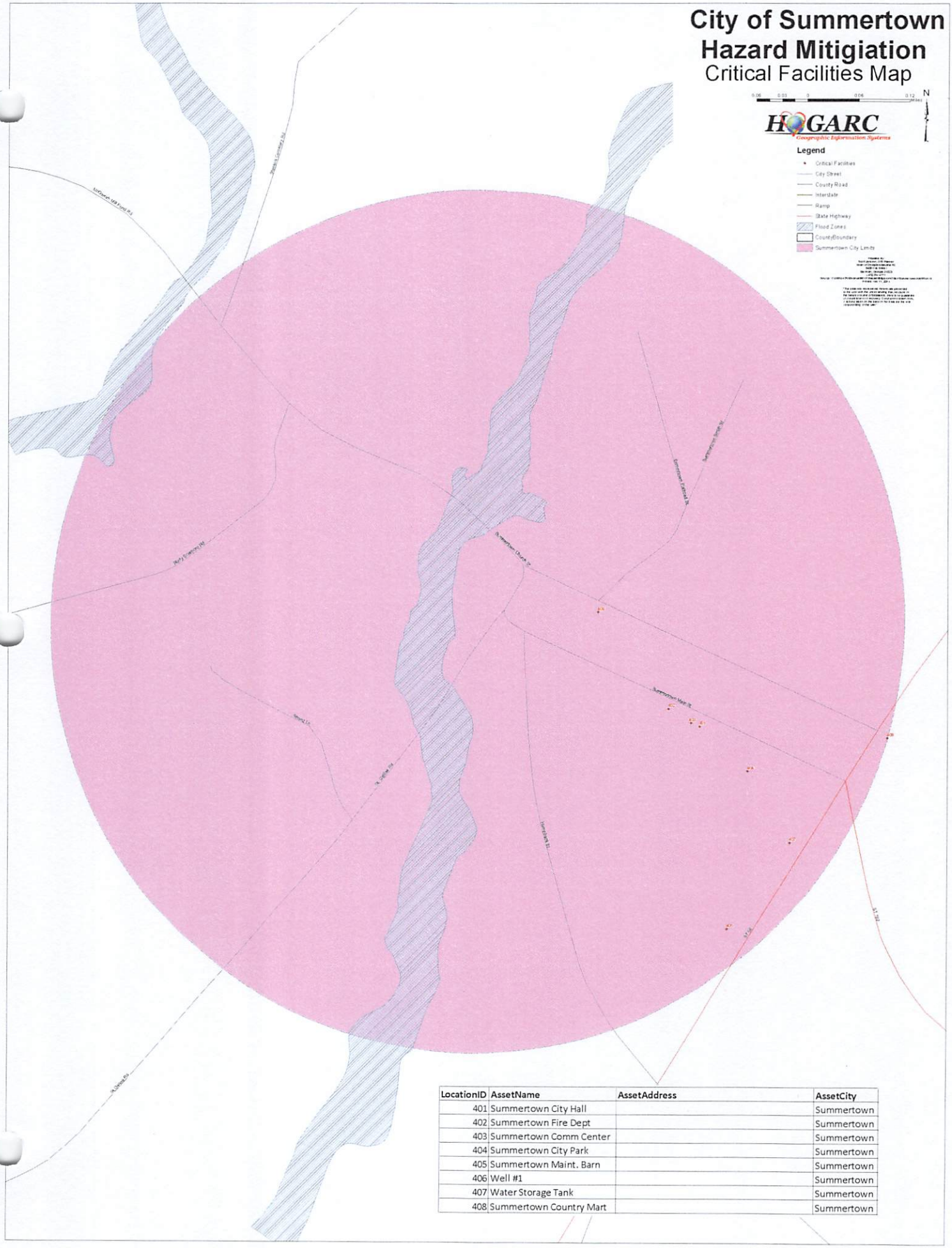
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

City of Summertown Hazard Mitigiation

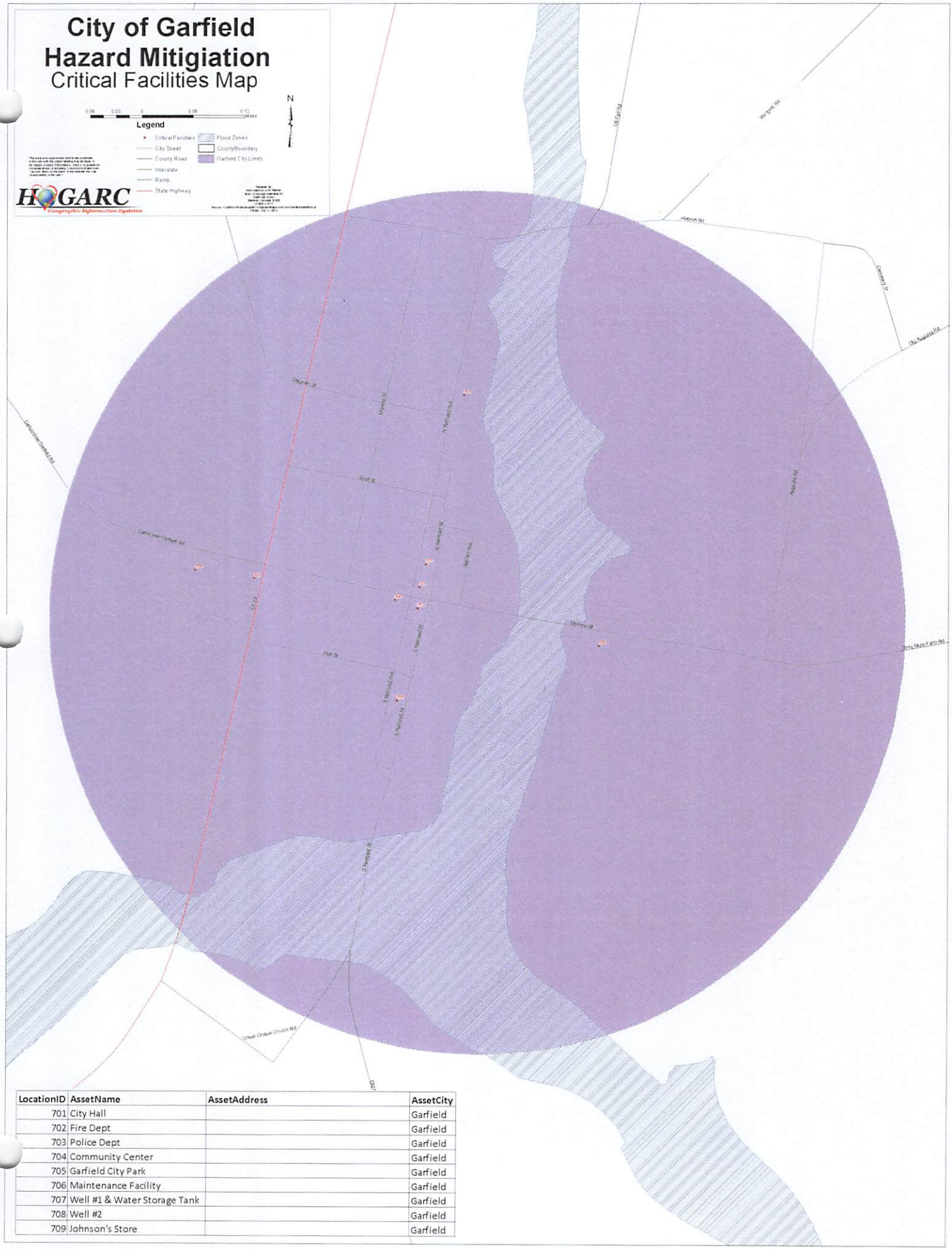
Critical Facilities Map



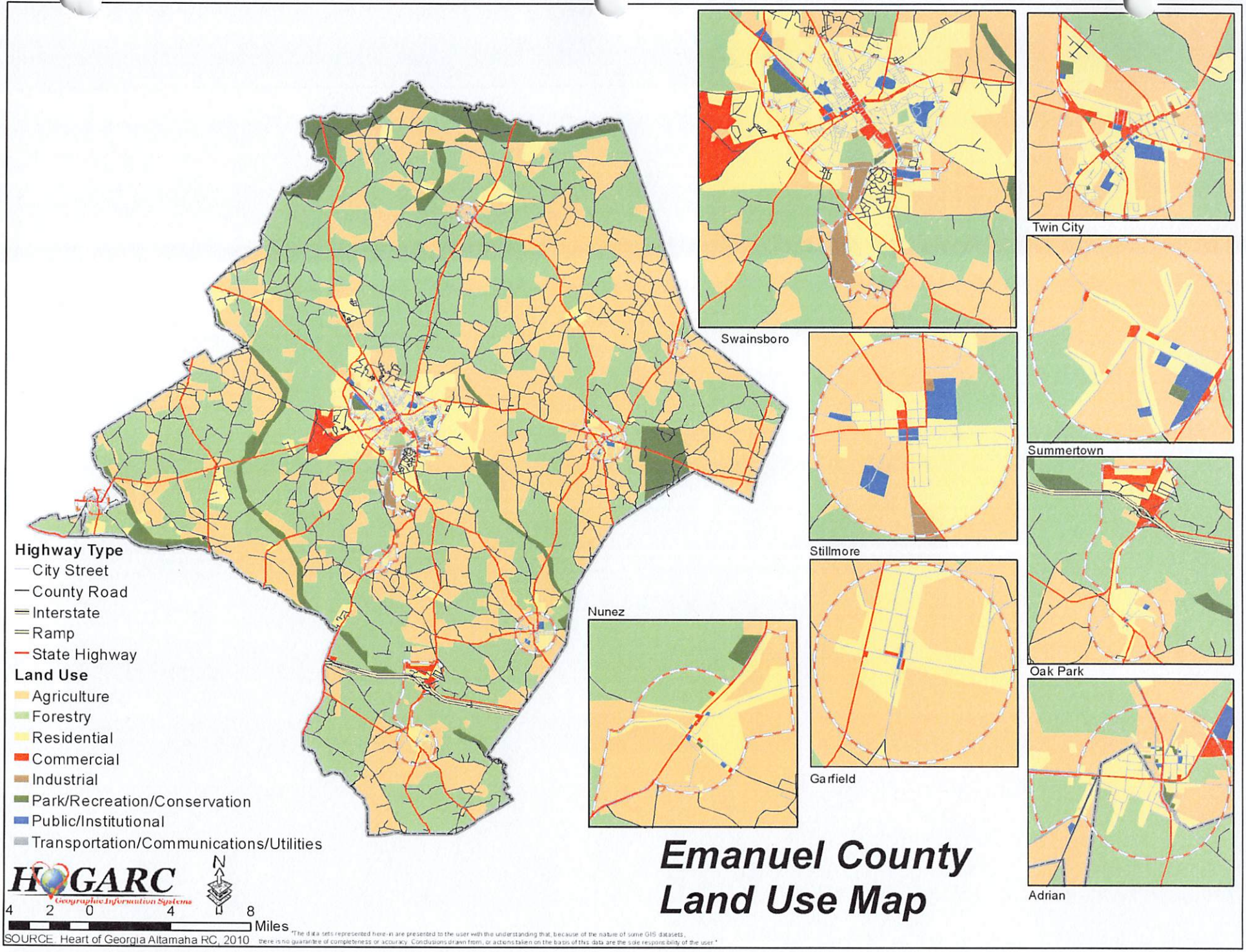
LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

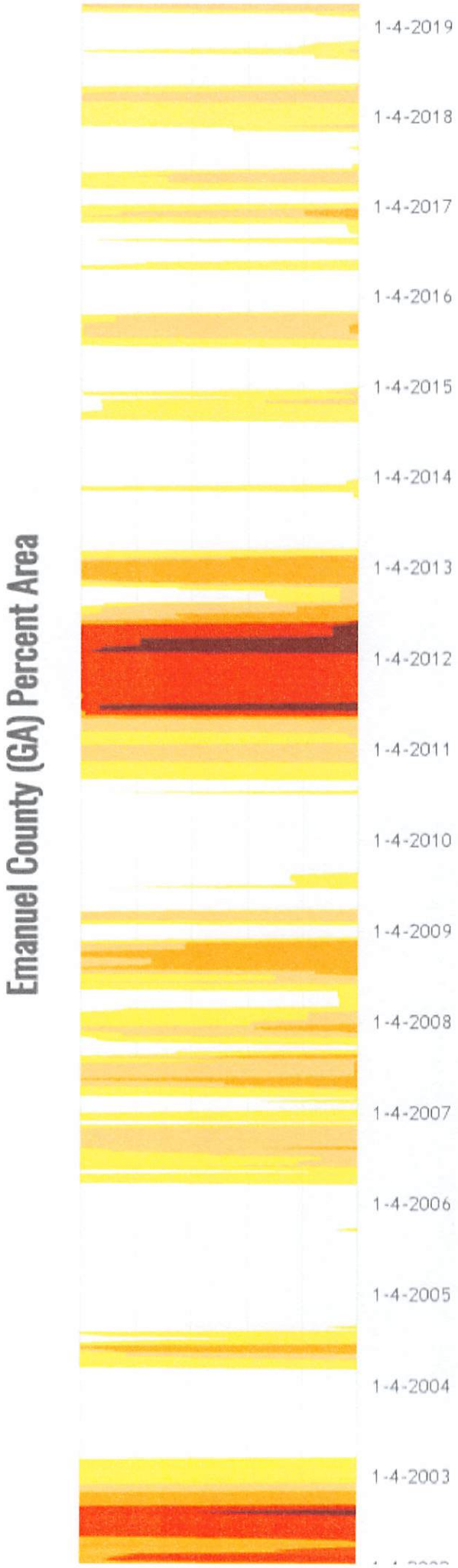
Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

USDM Time Series Charts


Emanuel County (GA) Percent Area
1-4-2019
1-4-2018
1-4-2017
1-4-2016
1-4-2015
1-4-2014
1-4-2013
1-4-2012
1-4-2011
1-4-2010
1-4-2009
1-4-2008
1-4-2007
1-4-2006
1-4-2005
1-4-2004
1-4-2003

Emanuel County (GA) Percent Area
1-1-2020
8-1-2019
3-1-2019
10-1-2018
5-1-2018
12-1-2017
7-1-2017
2-1-2017
9-1-2016
4-1-2016
11-1-2015
6-1-2015
1-1-2015
8-1-2014

FLOODING

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	$1,590,000.00	$0.00

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	$30,000.00	$0.00

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	$0.00	$0.00

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

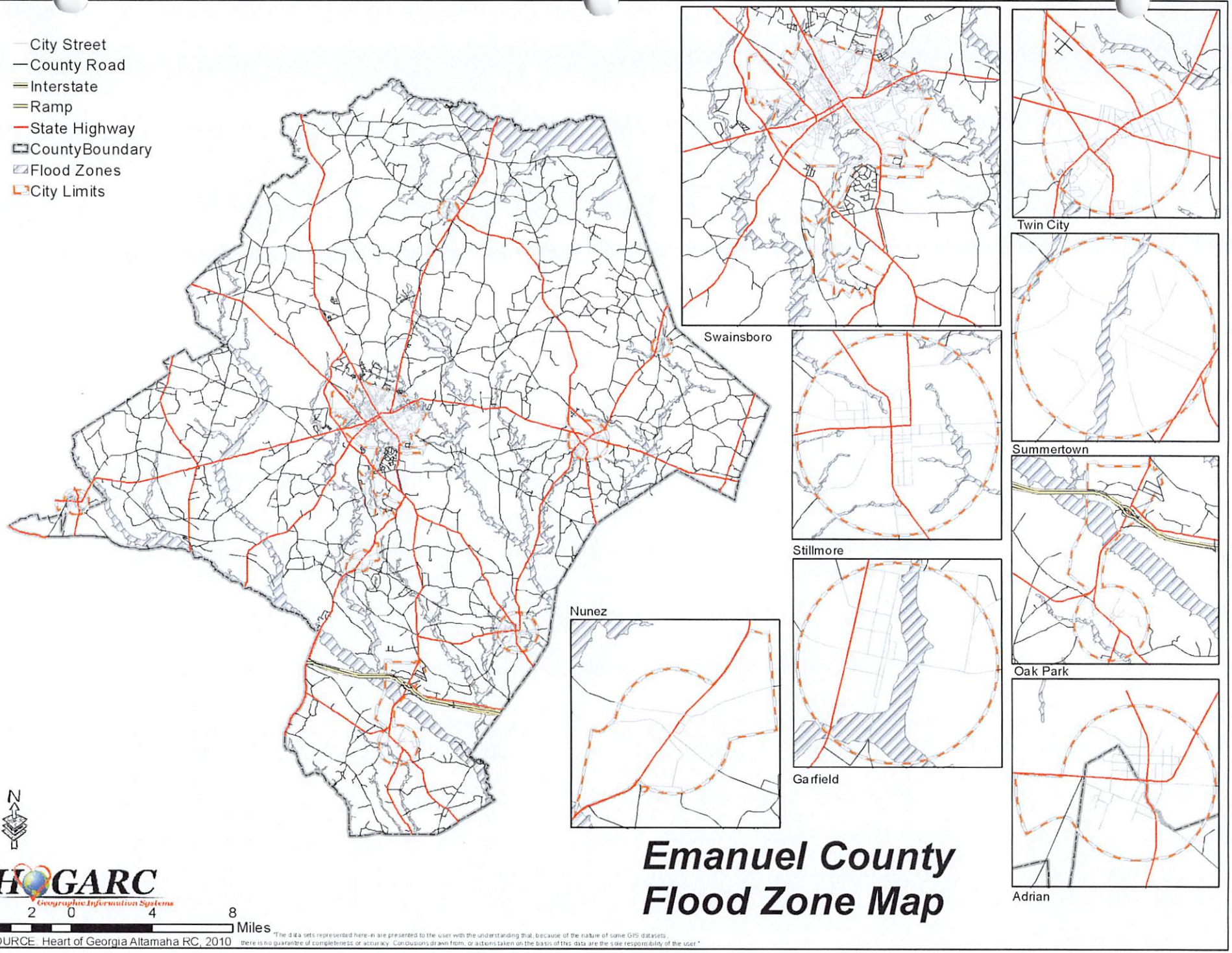
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

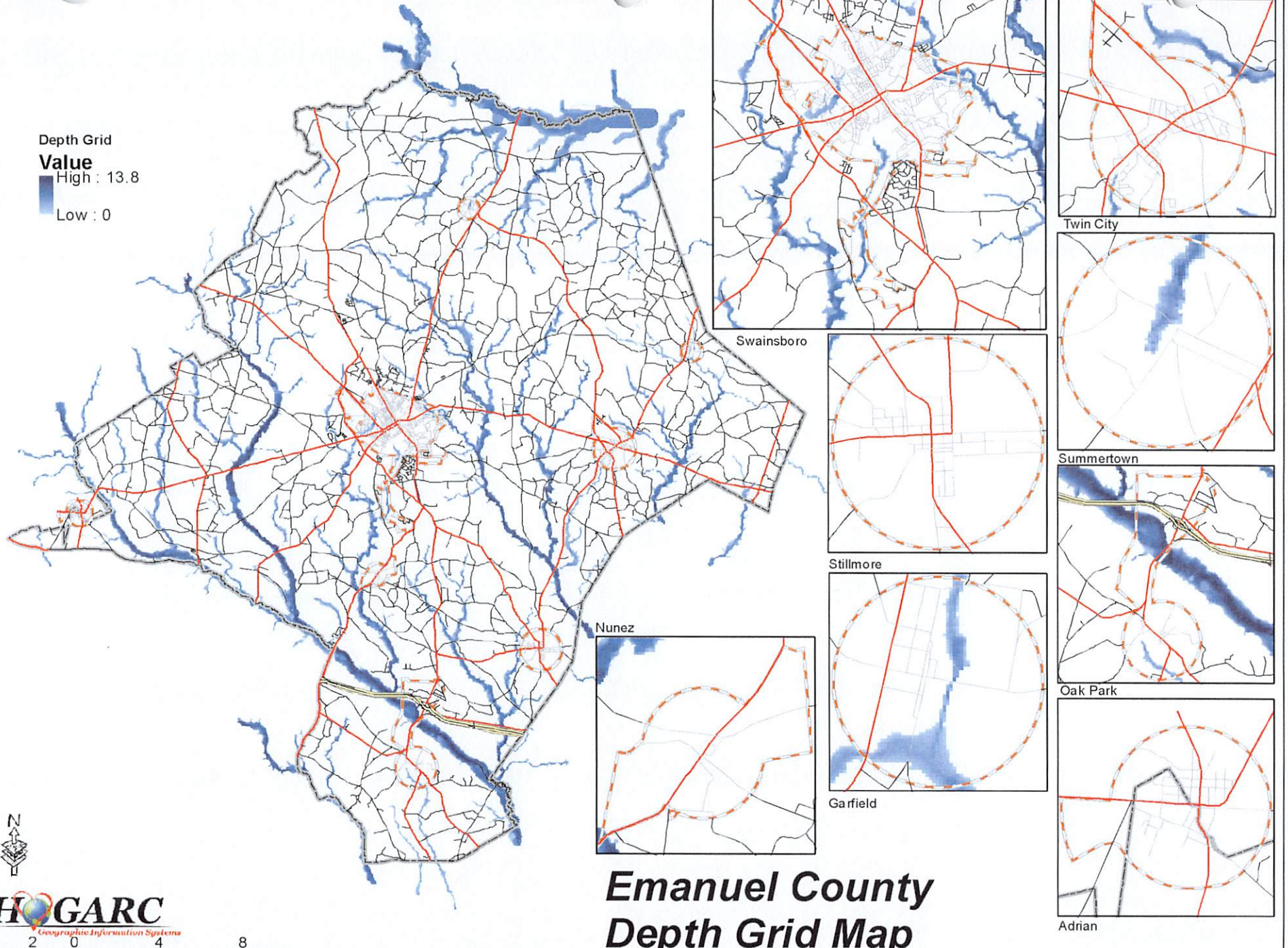
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS



Emanuel County Flood Zone Map



Emanuel County Depth Grid Map

HGARC Geographic Information Systems

SOURCE: Heart of Georgia Altamaha RC, 2010, HazUs 2.1

"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

GEMA

Georgia Mitigation Information System

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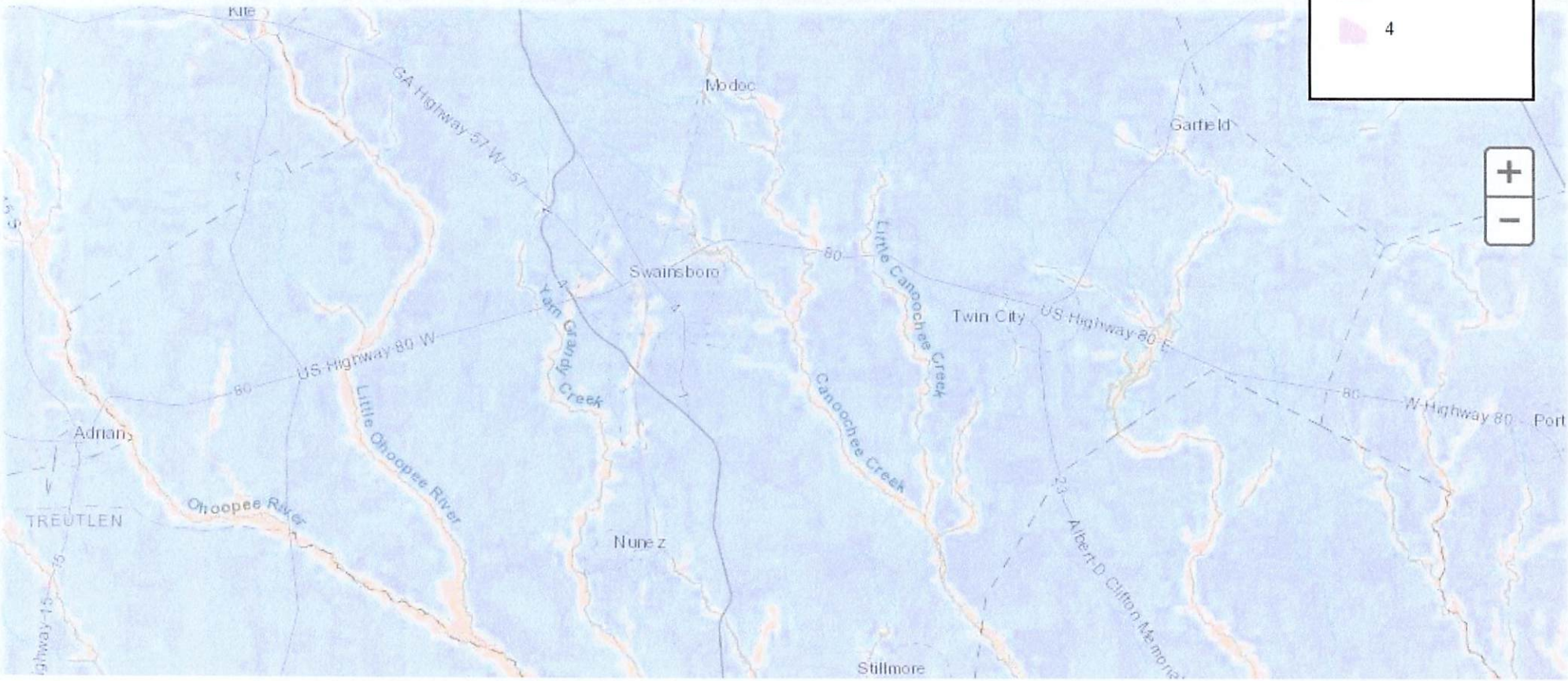

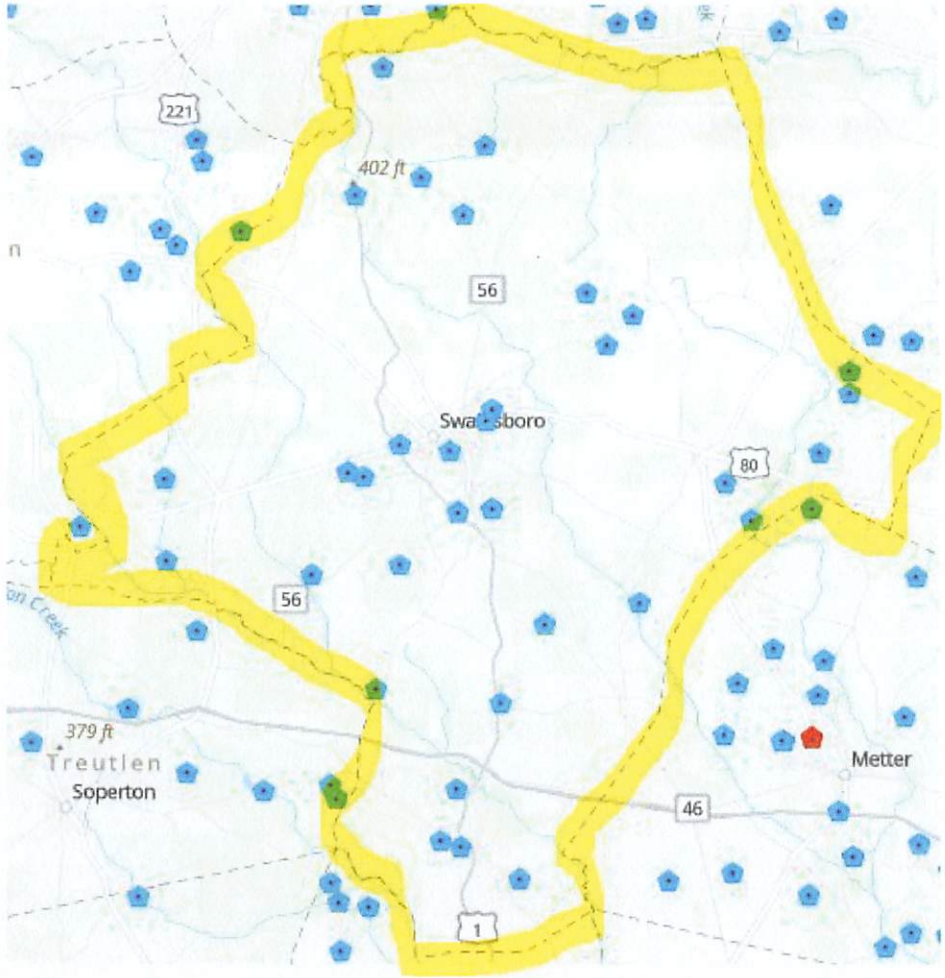
221
402 ft
56
Swainsboro
80
56
379 ft
Treutlen
Soperton
Metter
46
1

Symbology

Show in map legend

GDOT GA DNR DAMS

GA DNR DAMS

- I - Failure would result in a probable loss of human life
- II - Failure would not result in a probable loss of human life

Dam Inventory
Safe Dams Program
Environmental Protection Division
Georgia Department of Natural Resources
Updated 11/22/2019

Dam Name	County	Classification	State ID #
Beegle Big Irrigation Pond Dam	Emanuel	II	053-038-03602
Beegle Pond Dam	Emanuel	II	053-037-03601
Big Blundale Pond Dam	Emanuel	II	053-034-03598
Braswell Pond Dam	Emanuel	II	053-050-03621
Brown & Smith Irrigation Pond Dam	Emanuel	II	053-048-03619
Daniels Lake Dam	Emanuel	II	053-009-00674
Durden Farm Pond Dam	Emanuel	II	053-020-03584
Durden Pond Dam	Emanuel	II	053-019-03583
Gainer Pond Dam	Emanuel	II	053-043-03607
Garvin & Smith Irrigation Pond Dam	Emanuel	II	053-047-03618
Garvin & Smith Irrigation Pond Dam	Emanuel	II	053-047-03618
H.G. Yeomans Pond Dam	Emanuel	II	053-058-05908
Hiawassee Irrigation Lake Dam	Emanuel	II	053-051-04410
Holloways Pond Dam	Emanuel	II	053-002-00637
Holt Lake Dam	Emanuel	II	053-053-05217
Hood Lake Dam	Emanuel	II	053-054-05548
Hutchinson Lake Dam	Emanuel	II	053-003-00638
Jay Pond Dam South	Emanuel	II	053-033-03597
John Radford Pond Dam	Emanuel	II	053-010-00082
Keas Millpond Dam	Emanuel	II	053-008-00667
Lake Luck Dam	Emanuel	II	053-005-00640
McGarrh's Millpond Dam	Emanuel	II	053-039-03603
Mckenzie Farm Pond Dam	Emanuel	II	053-059-04597
Morris Lake Dam	Emanuel	II	053-052-04989
Ohoopee Lake Dam	Emanuel	II	053-046-03610
Overstreet Lake Dam	Emanuel	II	053-011-02454
Parrish Irrigation Pond Dam	Emanuel	II	053-049-03620
Powell Lake Dam	Emanuel	II	053-056-05697
Riner Pond Dam (North)	Emanuel	II	053-015-03579

Rountree Pond Dam (South)	Emanuel	II	053-041-03605
Samuel T. Brown Pond Dam (Lower)	Emanuel	II	053-026-03590
Watson Mill Pond Dam	Emanuel	II	053-001-00443
Williams Lake Dam	Emanuel	II	053-055-05573
Youmans Lake Dam	Emanuel	II	053-013-03577

NID ID #	Latitude DD	Longitude DD	Dam Height	Maximum Storage
GA03257	32.807056	-82.376194	13.20	436.00
GA03230	32.812111	-82.358778	10.40	103.00
GA03238	32.744111	-82.349583	13.60	199.00
GA03226	32.540778	-82.565722	10.20	160.00
GA04265	32.619250	-82.059000	17.10	965.00
GA03240	32.609083	-82.302167	14.40	173.00
GA03228	32.663639	-82.205917	9.60	120.00
GA01259	32.497250	-82.200722	18.00	4651.00
GA03237	32.389083	-82.325722	15.40	130.00
GA04266	32.631111	-82.056944	20.00	196.00
GA04266	32.631111	-82.056944	20.00	196.00
GA06412	32.518889	-82.365833	17.50	203.00
GA04252	32.336583	-82.283000	18.80	222.00
GA01257	32.588056	-82.365556	14.30	439.00
GA07081	32.359444	-82.336972	14.80	116.00
GA07082	32.677694	-82.243806	21.40	211.00
GA01255	32.568528	-82.524750	10.20	556.00
GA03234	32.513583	-82.424444	13.00	261.00
GA00146	32.437972	-82.319139	19.00	112.00
GA01256	32.521111	-82.524194	16.80	2174.00
GA03241	32.601944	-82.305556	12.30	265.00
GA03229	32.761694	-82.305083	9.50	729.00
GA07085	32.719833	-82.321944	29.20	363.00
GA06019	32.361694	-82.341778	17.20	145.00
GA03231	32.446806	-82.381639	13.20	160.00
GA03227	32.646611	-82.222778	12.00	602.00
GA04264	32.583083	-82.077333	19.60	227.00
GA07084	32.355028	-82.324167	18.00	104.00
GA03243	32.549583	-82.325417	21.80	126.00

GA03236	32.484722	-82.266722	12.60	125.00
GA03252	32.566556	-82.142361	15.80	117.00
GA01258	32.545000	-82.124444	14.50	5800.00
GA07083	32.375833	-82.309722	24.50	132.30
GA04273	32.585778	-82.330861	14.60	105.00

Owner Name	Address	City	State	Zip
Paces South Farms & Lands LLC	270 North Jeff Davis drive	Fayetteville	GA	30214
Paces South Farms & Lands LLC	270 North Jeff Davis Drive	Fayetteville	GA	30214
Upwood Investments LLC	Upwood Hall, West Morton Kei	West Yorkshire BD205RB, UK		
Walter H. Baswell ETAL	849 Sunset Drive	Swainsboro	GA	30401
Emanuel Land Company, Inc.	P.O. BOX 8513	Atlanta	GA	31106
Daniels Family Holdings	P.O. BOX 510	SWAINSBORO	GA	30401
Durden Farms LLC	126 Springlake Circle	Brunswick	GA	31525
Roy E. Bowen Estate	P.O. BOX 189	SWAINSBORO	GA	30401
JLO Group LP	1109 MEDICAL CENTER DRIVE,	AUGUSTA	GA	30909
Cadle, Farris William	5228 Augusta Road, #8	Garden City	GA	31408
Emanuel Land Company, Inc.	P O Box 8513	Atlanta	GA	31106
Yeomans, H.G.	1126 Grande Creek Rd	SWAINSBORO	GA	30401
USC Timber Holdings LLC	P.O. BOX 240	Warthen	GA	31094
Pine Haven Fishing Club	P.O. BOX 68	SWAINSBORO	GA	30401
Holt, Sandra	130 ROSIE POWELL ROAD	LYONS	GA	30436
Hood, Carl	192 Big Oak Rd	Midville	GA	30441
General Land Corporation	649 ODOMVILLE CHURCH ROAI	ADRIAN	GA	31002
J A Youngblood Family LLLP	Post Office Box 750	Swainsboro	GA	30401
Radford, John				
Anderson Investment Holdings	3000 Andrews Drive NW #9	Atlanta	GA	30305
Lake Luck Civic Club, Inc.	671 EAST MAIN ST.	SWAINSBORO	GA	30401
Morgan Family Limited Partner	238 Shelter Cove Lane, Suite 2(	Hilton Head Island	GA	29982
Mckenzie, Herman and Janet	2387 Fieldstone Dr	Conyers	GA	30208
Dale A Morris and Lisa M Olive	582 N Washington Street	Lyons	GA	30436
Lake Ohoopee Recreation Area	33 LAKE OHOOPEE	SWAINSBORO	GA	30401
Overstreet Family Farm LP	160 Thompson Rd	Dawsonville	GA	30534
Parrish, Michael and Henry M.	38 Peach Orchard Rd	Statesboro	GA	30458
Powell, George	208 Williamson Street	Lyons	GA	30436
Riner, Raymond	P.O. BOX 281	SWAINSBORO	GA	30401

Rountree, Manning	1321 Upland Dr. #5911	Houston	TX	77043
Brown, Nancy	115 W Broad St	Twin City	GA	30471
GEORGIA DNR STATE PARKS AI				
Promise Land White Tail Ranch	P O Box 16058	Savannah	GA	31406
Pine Tree II LLC	Post Office Box 761	Swainsboro	GA	30401

TBS
No
No
No
No
No
No
No
No
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No
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No
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Yes
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Yes
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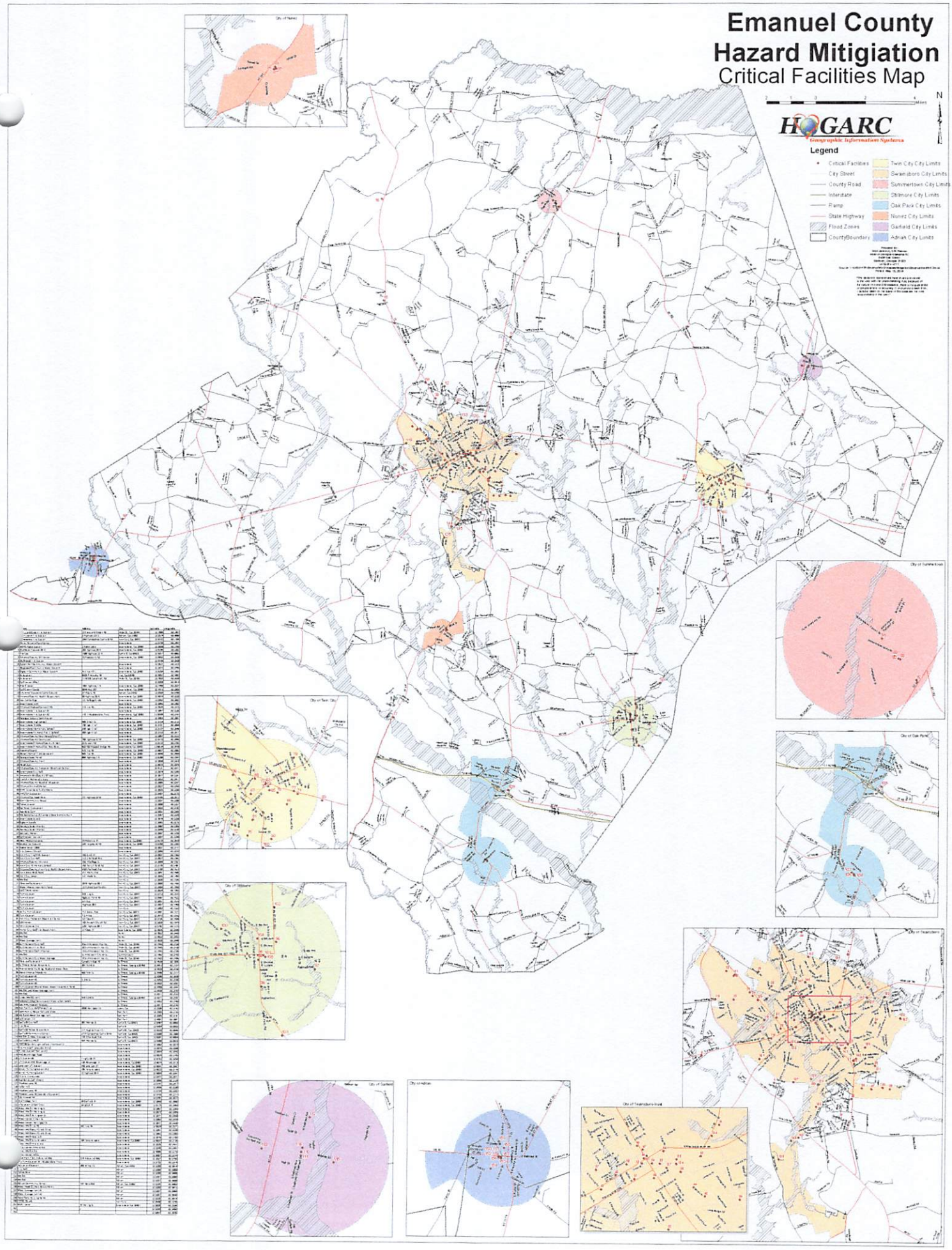
No
No
No

Emanuel County Hazard Mitigation

Critical Facilities Map



City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	C.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

HOGARC
Geographic Information Systems

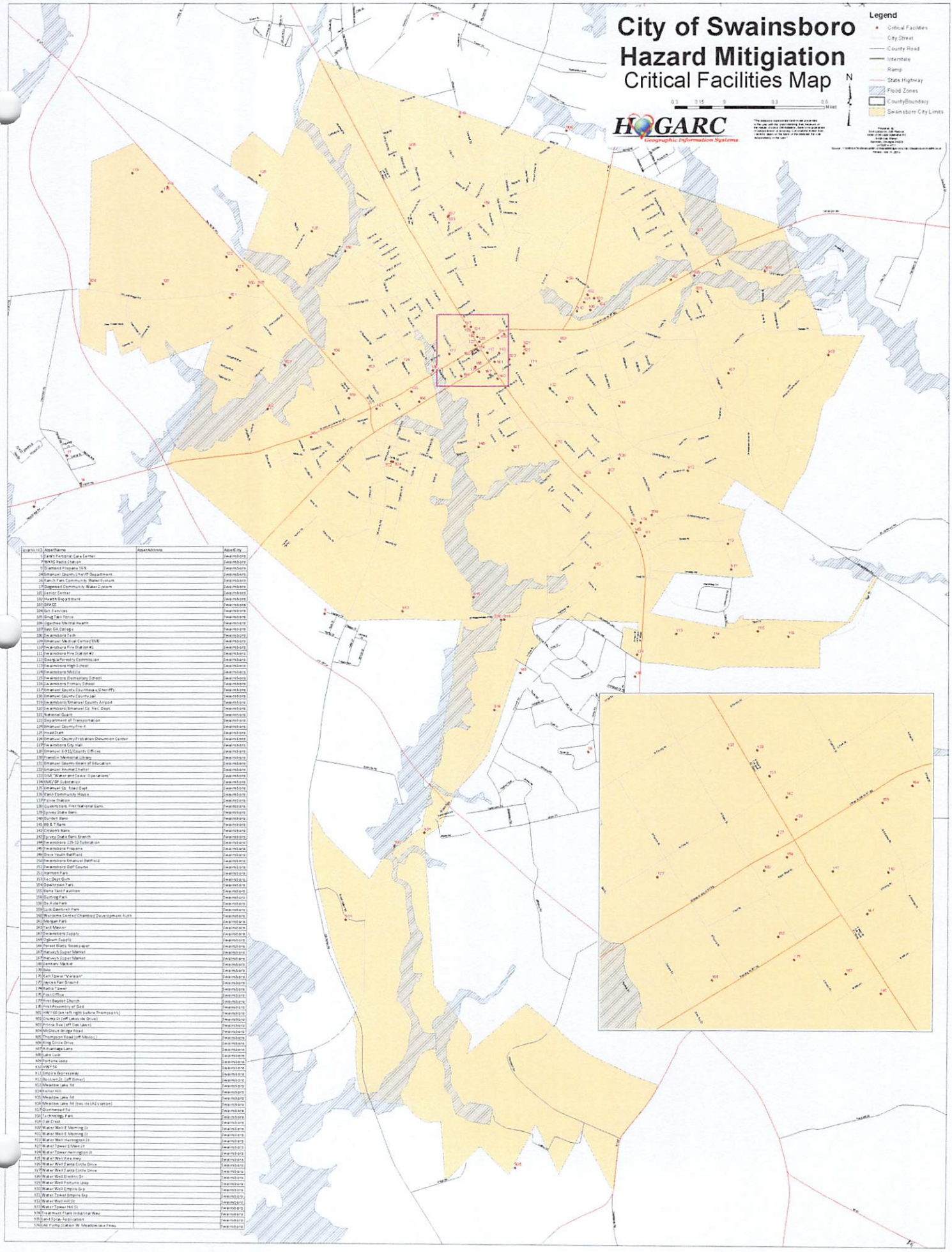
N

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

City of Swainsboro Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Lewis Personal Care Center		Swainsboro
2	WKNG Radio Station		Swainsboro
3	Diamond Propane Inc		Swainsboro
4	Emanuel County Sheriff Department		Swainsboro
5	Ranch Fare Community Water System		Swainsboro
6	Edgewood Community Water System		Swainsboro
7	Senior Center		Swainsboro
8	Health Department		Swainsboro
9	EMA CD		Swainsboro
10	Dr T Families		Swainsboro
11	Drug Task Force		Swainsboro
12	Ogeechee Mental Health		Swainsboro
13	East GA College		Swainsboro
14	Swainsboro Tech		Swainsboro
15	Memorial Medical Center(EMS)		Swainsboro
16	Swainsboro Fire Station #1		Swainsboro
17	Swainsboro Fire Station #2		Swainsboro
18	Georgia Forestry Commission		Swainsboro
19	Swainsboro High School		Swainsboro
20	Swainsboro Middle		Swainsboro
21	Swainsboro Elementary School		Swainsboro
22	Swainsboro Primary School		Swainsboro
23	Emanuel County Courthouse (Sheriff)		Swainsboro
24	Emanuel County County Jail		Swainsboro
25	Swainsboro/Emanuel County Airport		Swainsboro
26	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
27	National Guard		Swainsboro
28	Department of Transportation		Swainsboro
29	Emanuel County Pre-K		Swainsboro
30	Head Start		Swainsboro
31	Emanuel County Probation Detention Center		Swainsboro
32	Swainsboro City Hall		Swainsboro
33	Emanuel E-911/County Offices		Swainsboro
34	Hamilton Memorial Library		Swainsboro
35	Emanuel County Board of Education		Swainsboro
36	Emanuel Animal Shelter		Swainsboro
37	GA Warren Power "Operations"		Swainsboro
38	MC/DP Substation		Swainsboro
39	Emanuel Co. Road Dept		Swainsboro
40	Kent Community Hooks		Swainsboro
41	Police Station		Swainsboro
42	Queensboro First National Bank		Swainsboro
43	Jersey State Bank		Swainsboro
44	Dunbar Bank		Swainsboro
45	BB & T Bank		Swainsboro
46	Citizens Bank		Swainsboro
47	Jersey State Bank Branch		Swainsboro
48	Swainsboro 115-12 Substation		Swainsboro
49	Swainsboro Propane		Swainsboro
50	Dixie Youth Ballfield		Swainsboro
51	Swainsboro Emanuel Ballfield		Swainsboro
52	Swainsboro Golf Course		Swainsboro
53	Hampton Park		Swainsboro
54	Rec Dept Gym		Swainsboro
55	Downtown Park		Swainsboro
56	Bank Yard Pavilion		Swainsboro
57	Duncan Park		Swainsboro
58	Ole Auto Park		Swainsboro
59	Lucile Gammell Park		Swainsboro
60	Welcome Center/Chamber/Development Auth		Swainsboro
61	Morgan Park		Swainsboro
62	Ford Manor		Swainsboro
63	Swainsboro Supply		Swainsboro
64	Ogburn Supply		Swainsboro
65	Forest State Newspaper		Swainsboro
66	Farmer's Super Market		Swainsboro
67	Farmer's Super Market		Swainsboro
68	Farmers Market		Swainsboro
69	Kmart		Swainsboro
70	Cell Tower "Verizon"		Swainsboro
71	Service Fuel Station		Swainsboro
72	Radio Tower		Swainsboro
73	Post Office		Swainsboro
74	First Baptist Church		Swainsboro
75	First Assembly of God		Swainsboro
76	WYY 60 (on right before Thompson's)		Swainsboro
77	County Dr (off Lakeside Drive)		Swainsboro
78	Prince Ave (off Oak Lawn)		Swainsboro
79	Mt Olive Bridge Road		Swainsboro
80	Thompson Road (off Mobley)		Swainsboro
81	King Circle Drive		Swainsboro
82	Advantage Lane		Swainsboro
83	Lake Loch		Swainsboro
84	Fortune Loop		Swainsboro
85	WYY 54		Swainsboro
86	[illegible]		Swainsboro
87	Dublin Dr. (off Rimac)		Swainsboro
88	Meadow Lake Rd		Swainsboro
89	Miller Hill		Swainsboro
90	Meadow Lake Rd		Swainsboro
91	Meadow Lake Rd (less no Assistance)		Swainsboro
92	Drummond Rd		Swainsboro
93	Technology Park		Swainsboro
94	Oak Crest		Swainsboro
95	Water Well E Manning Dr		Swainsboro
96	Water Well S Manning Dr		Swainsboro
97	Water Well Hannegan Dr		Swainsboro
98	Water Tower E Main St		Swainsboro
99	Water Tower Hannegan Dr		Swainsboro
100	Water Well Kite Hwy		Swainsboro
101	Water Well Santa Circle Drive		Swainsboro
102	Water Well Santa Circle Drive		Swainsboro
103	Water Well Electric Dr		Swainsboro
104	Water Well Fortune Loop		Swainsboro
105	Water Well Empire Grp		Swainsboro
106	Water Tower Empire Grp		Swainsboro
107	Water Well Hill St		Swainsboro
108	Water Tower Hill St		Swainsboro
109	Treatment Plant Industrial Way		Swainsboro
110	Sand Spike Application		Swainsboro
111	Lift Pump Station W. Meadowlake Pkwy		Swainsboro

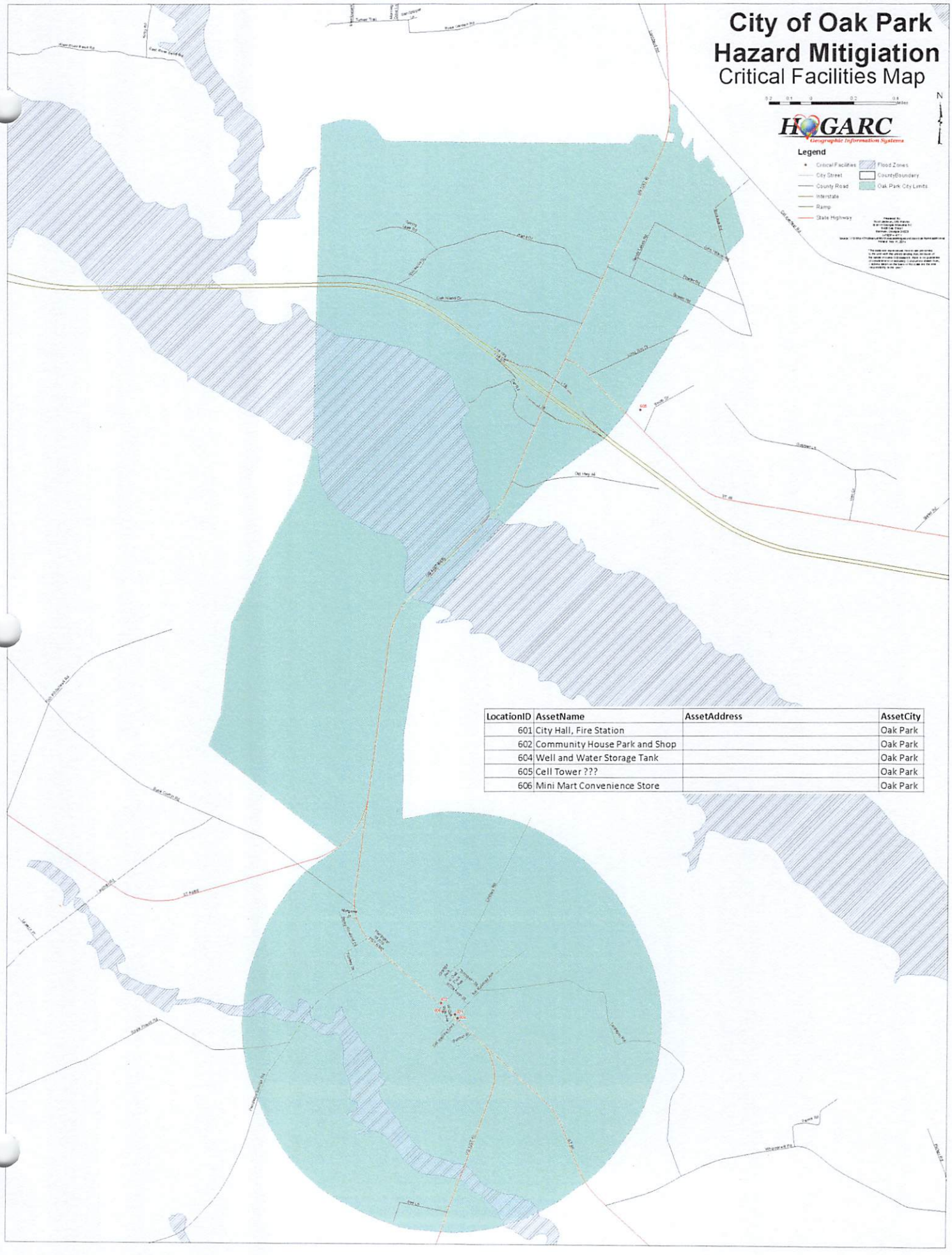
City of Nunez Hazard Mitigation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigiation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

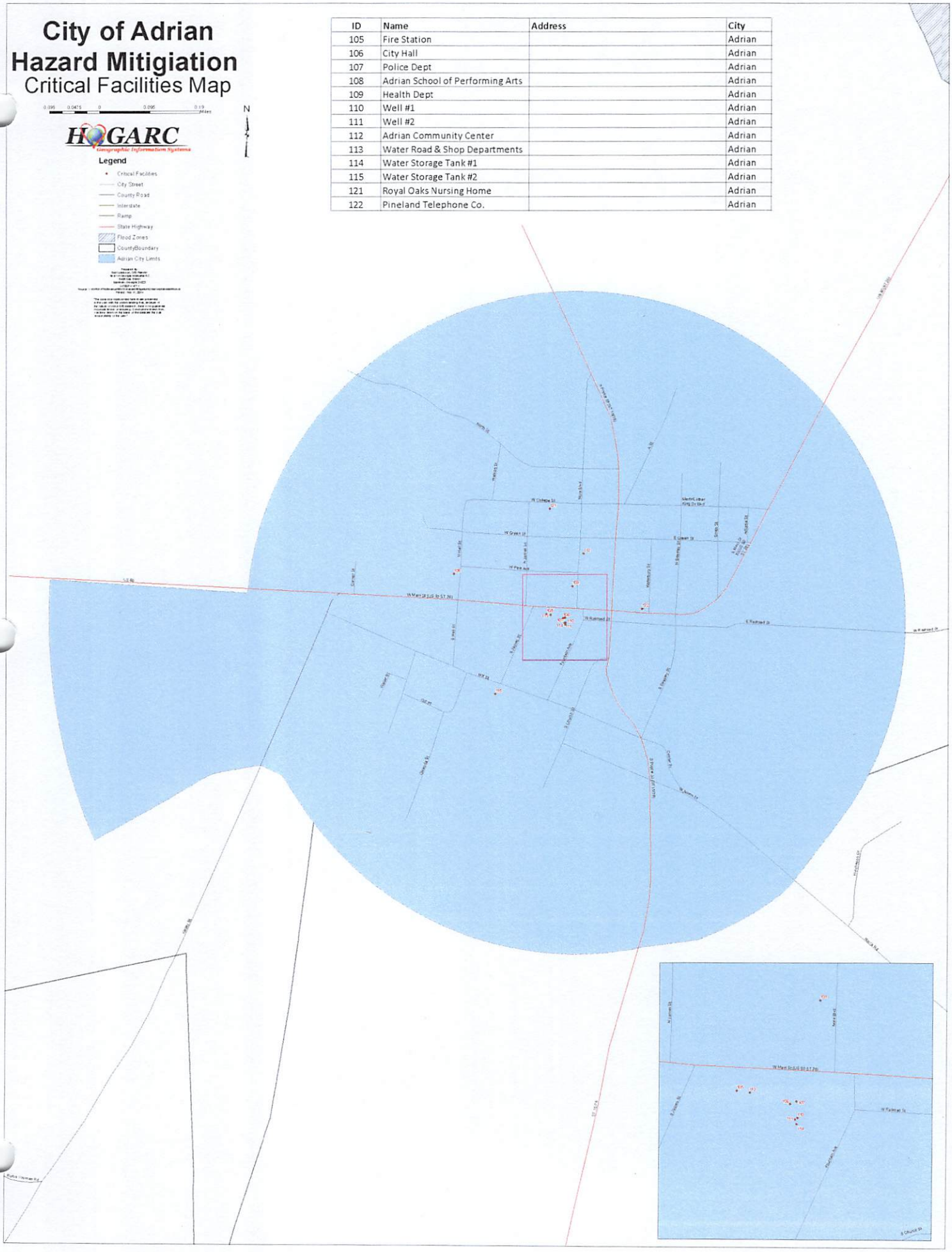
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

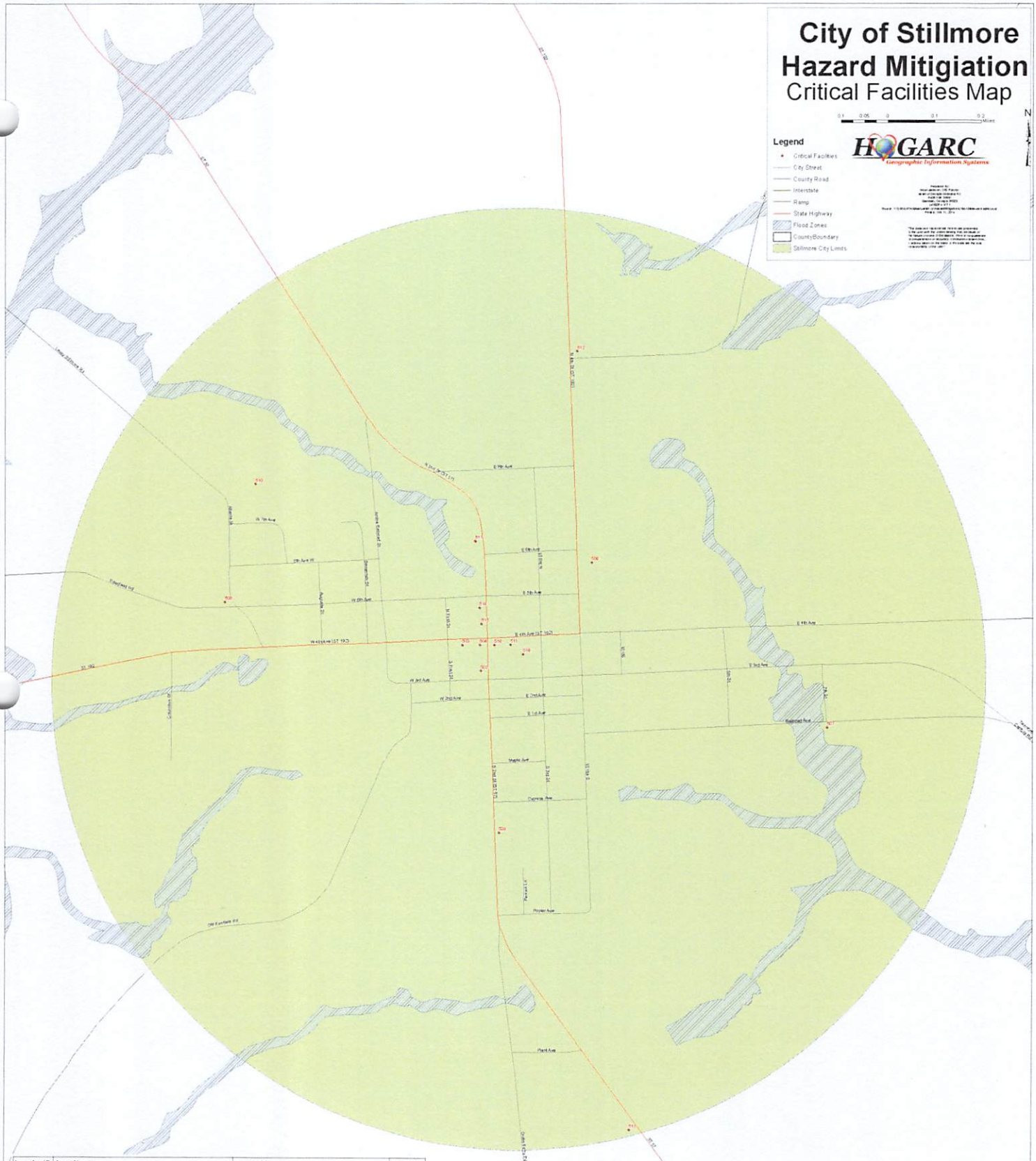
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



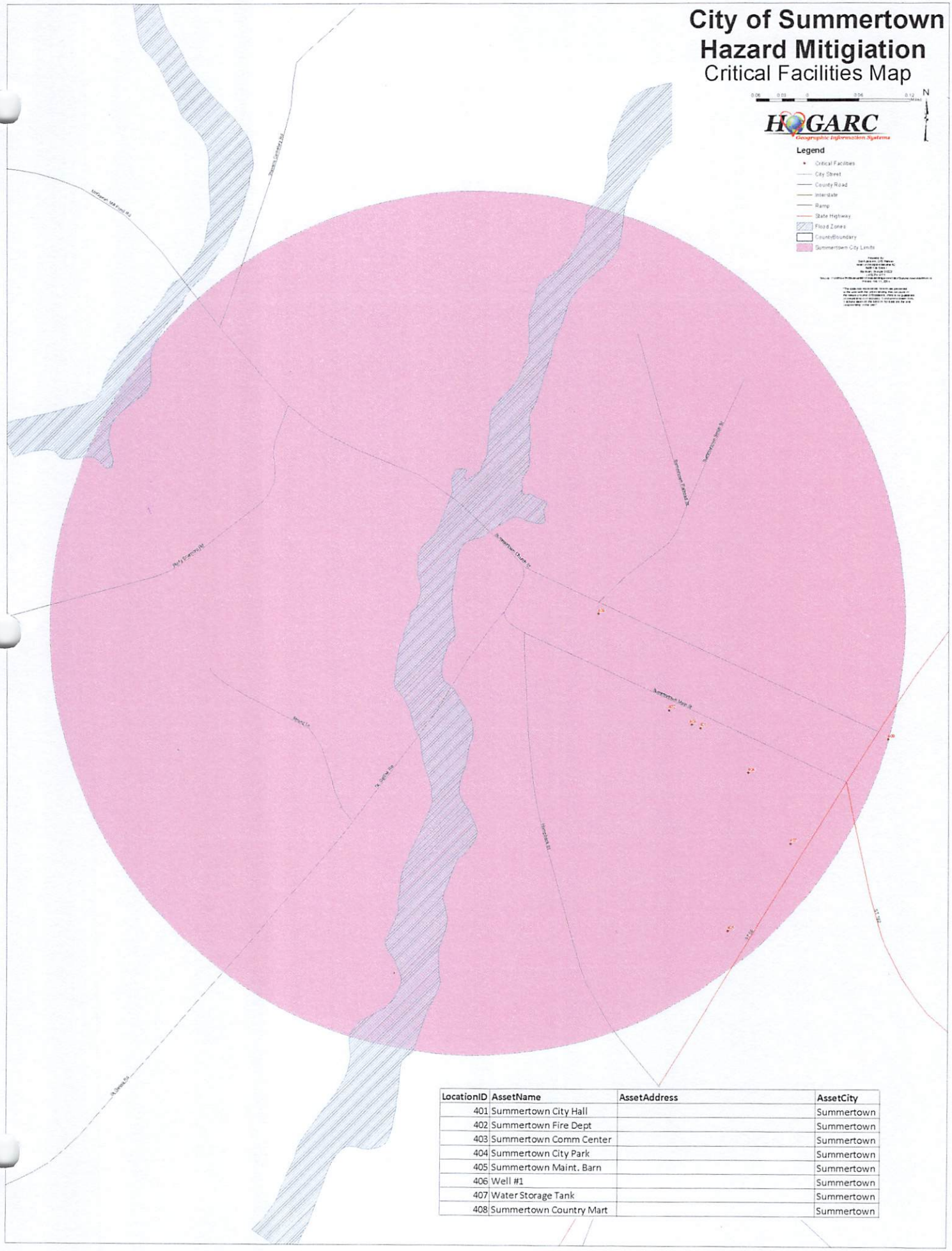
City of Stillmore Hazard Mitigiation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

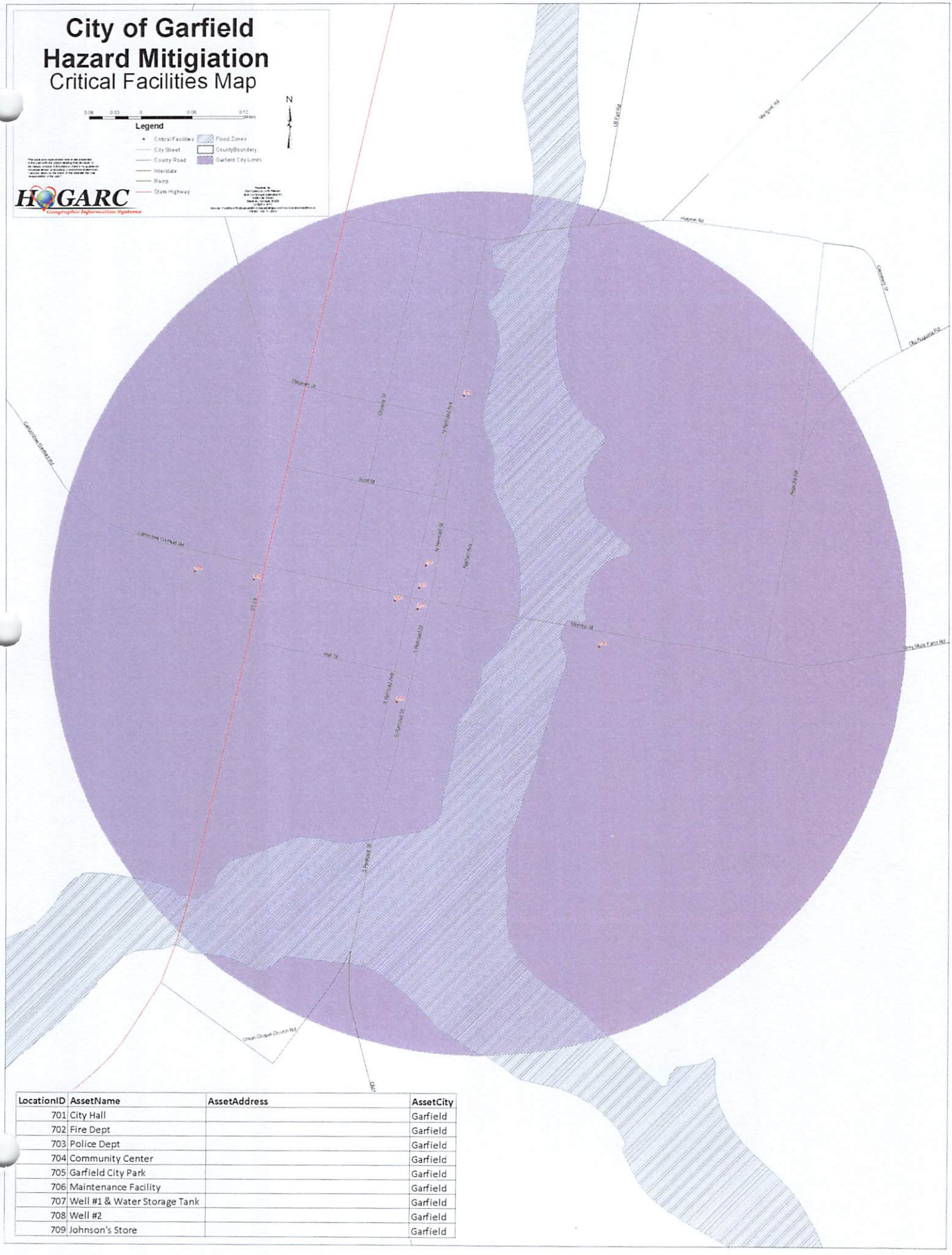
City of Summertown
Hazard Mitigation
Critical Facilities Map



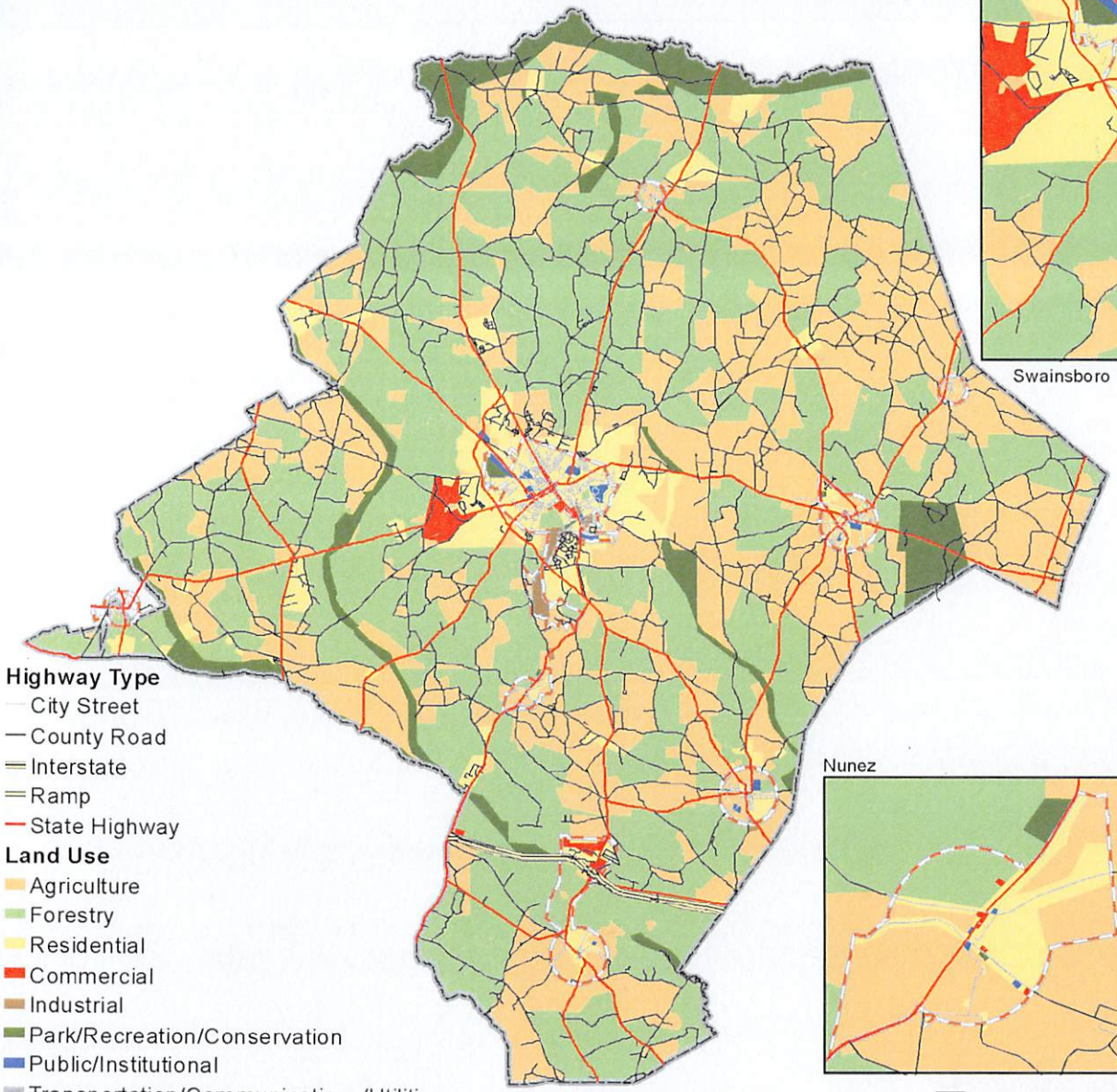
LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

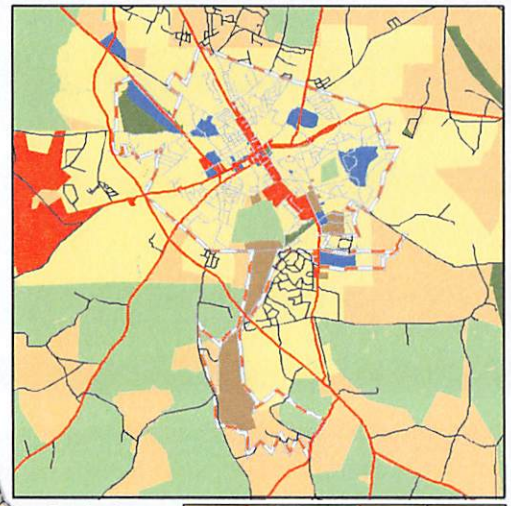
City of Garfield Hazard Mitigiation

Critical Facilities Map

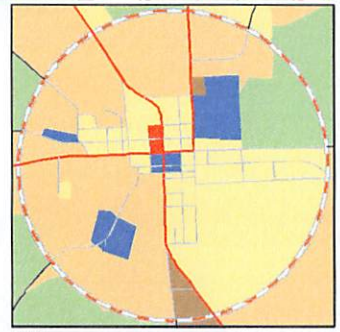


LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



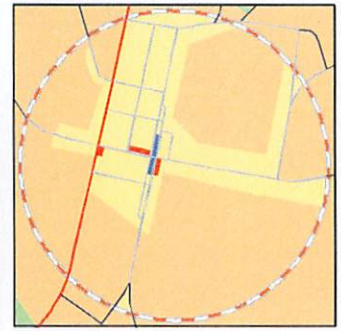


Swainsboro



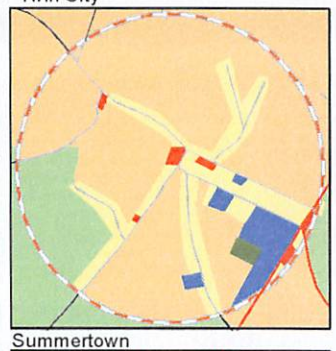
Stillmore

Nunez

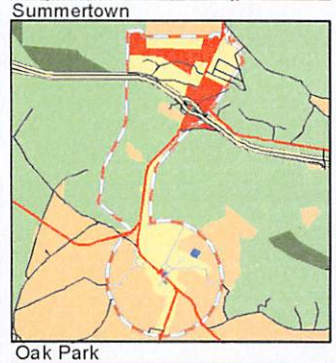


Garfield

Twin City



Summertown



Oak Park

Adrian

Highway Type

- City Street
- County Road
- Interstate
- Ramp
- State Highway

Land Use

- Agriculture
- Forestry
- Residential
- Commercial
- Industrial
- Park/Recreation/Conservation
- Public/Institutional
- Transportation/Communications/Utilities

HOGARC
Geographic Information Systems

N

4 2 0 4 8

Miles

SOURCE: Heart of Georgia Altamaha RC, 2010

"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

Emanuel County Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a — Inventory of Assets

Hazard: Flood

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	289	3.559%	337,336,923.00	12,005,821.09	3.559%	22499	900	4%
Commercial	2039	81	3.969%	85,402,098.00	3,389,609.27	3.969%	7324	293	4%
Industrial	171	4	2.620%	15,533,048.00	406,965.86	2.620%	1492	45	3%
Agricultural	1367	29	2.129%	70,400,013.00	1,498,816.28	2.129%	133	3	2%
Religious/Non-profit	776	17	2.206%	18,391,533.00	405,717.22	2.206%	146	3	2%
Government	745	22	2.985%	64,244,138.00	1,917,687.52	2.985%	1993	60	3%
Education	238	4	1.604%	17,399,115.00	279,081.80	1.604%	7443	149	2%
Utilities	3	0	0.000%	85,973.00	-	0.000%	84	-	0%
Total:	13467	446	1.519%	608,792,841.00	19,903,699.04	3.637%	41114	1,453	2%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?	x	
2. Do you know whether your critical facilities will be operational after a hazard event?	x	
3. Is there enough data to determine which assets are subject to the greatest potential damages?	x	
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?	x	
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?	x	
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	0	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	0	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	0	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	0	200000	2015	50			0	Emergency Services, Government, EMA	Essential
Emanuel County	Dellwood Fire Station	0	55000	2015	300			0	Emergency Services, Government, EMA	Essential
Swainsboro city	Ranch Park Community Water System	0	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	0	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	0	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	0	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	0	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	0	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	0	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	0	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	0	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	0	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	0	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	0	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	0	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	0	1275000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Primary/ Pre- K School	0	1275000	2015	3000			0	Education, EMA	Essential

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Emanuel County Courthouse/Sheriff's	0	3727580	2015	4000			0	Law Enforcement, Government, EMA	Essential
Swainsboro city	Emanuel County County Jail	0	3609989	2015	6000			0	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	0	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	0	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	0	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	0	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	0	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	0	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	0	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	0	267000	2015	4500			0	Law Enforcement, Government, EMA	Essential
Swainsboro city	Swainsboro City Hall	0	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	0	57000	2015	250			0	Emergency Services, Government, EMA	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	0	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	0	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	0	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	0	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	0	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	0	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	3	235000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Police Station	0	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	0	250000	2015	20			0	NGO, EMA	Essential

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Rec Dept Gym	0	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/Development Auth	0	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	0	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	0	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	0	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	0	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	0	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	0	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	0	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	0	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	0	100000	2015	900			0	Emergency Services, Government, EMA	Essential, Important, Economic Assets
Summertown town	Well #1	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	HWY 80 (on left right before Thompson's)	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Crump St (off Lakeside Drive)	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Prince Ave (off Oak Lawn)	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	McCloud Bridge Road	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lift Station #9	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lift Station #10 Advantage Ln	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lake Luck Lift Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sewer Pumping Station #12	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Sewer Pumping Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Empire Expressway	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Bucklen St. (off Elmer)	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Keller Hill	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd	3	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Meadow Lake Rd (beside LAS station)	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Glennwood Rd	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Technology Park	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Lifestation 22 Oak Crest	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well E Morning St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well E Morning St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Herrington St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower E Main St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Herrington St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Kite Rd	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well South Circle Drive	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well South Circle Drive	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Electric Dr	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Fortune Loop	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well Empire Exp	3	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Empire Exp	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Well Hill St	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Water Tower Hill St	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	Treatment Plant Industrial Way	0	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	0	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Swainsboro city	WJAT Tower	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	0	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	0	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	0	17500	2015	1500			0	Emergency Services, Government, EMA	Essential, Lifeline, Important
Garfield town	Garfield Police Department	0	15000	2015	50			0	Emergency Services, Government, EMA	Essential, Important
Garfield town	Garfield Community Center	0	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Garfield town	Garfield City Well	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Oak Park town	Oak Park City Hall/Police/Fire	0	150000	2015	1000			0	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	0	100000	2015	2000			0	Government, EMA	Essential, Economic Assets
Oak Park town	Well and Water Storage Tank	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Oak Park town	Cell Tower ???	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	0	40000	2015	500			0	Emergency Services, Government, EMA	Essential
Emanuel County	Substation	0	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Summertown City Hall	0	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	0	17500	2015	50			0	Emergency Services, Government, EMA	Essential, Important
Emanuel County	Summertown Comm Center	0	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Nunez town	Well #1	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Nunez town	Well #2	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Nunez town	Water Storage Tank	0	400000	2015	50			0	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets
Stillmore town	Electrical Substation	0	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	0	130000	2015	1600			0	Law Enforcement, Emergency Services, Government, EMA	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	0	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	0	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #2	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #3	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Pump Station #4 and Water Water Treatment Pond	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Well #1 and Water Storage Tank	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Well #2	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Crider Well & Tank	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Stillmore town	Colecraft Bldg	0	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	0	50000	2015	50			0	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	0	45000	2015	500			0	Emergency Services, Government, EMA	Essential

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Twin City Fire/EMS Station	0	212080	2015	1925			0	Emergency Services, Government, EMA	Essential
Twin City city	Twin City City Hall	0	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	0	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	0	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	0	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	0	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	0	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	0	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	0	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	0	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Utility Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Pump Station	0	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Twin City city	Twin City Probation Detention Center	0	267000	2015	4500			0	Law Enforcement, Government, EMA	Essential
Twin City city	SBA Tower	0	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	0	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Flood Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	EMCO Metals	0	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	0	45000	2015	500			0	Emergency Services, Government, EMA	Essential
Adrian city	Church of Nazarene Camp Ground	0	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	0	75000	2015	500			0	Emergency Services, Government, EMA	Essential, Important
Adrian city	City Hall	0	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	0	115000	2015	2500			0	Emergency Services, Government, EMA	Essential, Important
Adrian city	Well #1	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Well #2	0	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Adrian Community Center	0	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	0	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Water Storage Tank #2	0	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Important
Adrian city	Royal Oaks Nursing Home	0	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population
Emanuel County	Substation	0	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

FEMA NFIP Community Status Book

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130195#	ABBEVILLE, CITY OF	DODGE COUNTY/WILCOX COUNTY	02/17/78	09/20/96	08/19/10(M)	05/26/98	No					
130053E	ACWORTH, CITY OF	COBB COUNTY	04/05/74	02/15/78	10/05/18	02/15/78	No					
130235B	ADAIRSVILLE, CITY OF	BARTOW COUNTY	06/14/74	07/30/82	10/05/18(M)	07/30/82	No					
130060#	ADEL, CITY OF	COOK COUNTY	07/18/75	09/01/77	09/11/09	09/01/77	No					
130360#	AILEY, CITY OF	MONTGOMERY COUNTY	04/04/75	08/19/10	08/19/10(M)	08/01/04	No					
130507#	ALAMO, CITY OF	WHEELER COUNTY		08/19/10	08/19/10(M)	08/19/10	No					
130068#	ALAPAHA, TOWN OF	BERRIEN COUNTY		09/25/09	09/25/09(M)	03/05/10	No					
130075#	ALBANY, CITY OF	DOUGHERTY COUNTY	05/17/74	08/15/77	09/25/09	08/15/77	No	10/01/94	05/01/16	7	15%	05%
130604#	ALDORA, TOWN OF	LAMAR COUNTY		09/25/09	09/25/09	05/10/12	No					
130350C	ALLENHURST, TOWN OF	LIBERTY COUNTY	02/03/78	06/17/86	12/07/18(M)	06/17/86	No					
130605#	ALLENTOWN, TOWN OF	BLECKLEY COUNTY/WILKINSON COUNTY/TWIGGS COUNTY/LAURENS COUNTY		12/17/10	12/17/10(M)	12/19/18	No					
130202#	ALMA, CITY OF	BACON COUNTY	02/27/76	03/18/87	12/17/10	03/18/87	No					
130084C	ALPHARETTA, CITY OF	FULTON COUNTY	06/14/74	02/15/78	06/19/20	02/15/78	No					
135273#	ALSTON, CITY OF	MONTGOMERY COUNTY		08/19/10	08/19/10(M)	08/20/10	No					
130083B	ALTO, TOWN OF	HABERSHAM COUNTY/BANKS COUNTY		04/02/91	01/05/18	10/30/06	No					
	Use Habersham County FIRM, Panel 130458 0115B, dated 04/02/1991											
130258#	AMBROSE, CITY OF	COFFEE COUNTY		09/11/09	09/11/09(M)	03/25/19	No					
130203#	AMERICUS, CITY OF	SUMTER COUNTY	03/28/75	12/16/88	09/11/09	12/16/88	No					
4#	ANDERSONVILLE, CITY OF	SUMTER COUNTY	04/29/77	02/09/01	09/11/09(M)	04/01/13	No					
1#	APPLING COUNTY*	APPLING COUNTY	03/12/76	05/03/90	12/17/10	12/03/98	No					
130152B	ARAGON,CITY OF	POLK COUNTY	06/07/74	09/02/88	06/07/19	09/02/88	No					
130597#	ARCADE, CITY OF	JACKSON COUNTY	04/23/76	11/16/90	12/17/10(M)	10/18/13	No					
130049#	ARGYLE, TOWN OF	CLINCH COUNTY	08/30/74	07/03/86	09/11/09(M)	07/03/86	No					
130026#	ARLINGTON, CITY OF	EARLY COUNTY/CALHOUN COUNTY	02/21/75	06/03/86	09/02/09(M)	06/03/86	No					
130557#	ASHBURN, CITY OF	TURNER COUNTY		08/03/09	08/03/09(M)	08/03/09	No					
130040B	ATHENS-CLARKE COUNTY	CLARKE COUNTY	04/12/74	12/15/78	09/30/16	09/15/78	No					
	DOES NOT INCLUDE THE CITIES OF WINTERVILLE AND BOGART. Known as the Unified Government of Athens-Clarke County.											
130558#	ATKINSON COUNTY*	ATKINSON COUNTY		08/03/09	08/03/09(M)	08/03/09	No					
135157C	ATLANTA, CITY OF	DEKALB COUNTY/FULTON COUNTY	10/14/71	10/14/71	08/15/19	10/14/71	No	10/01/15	10/01/15	7	15%	05%
130541#	ATTAPULGUS, CITY OF	DECATUR COUNTY		09/25/09	(NSFHA)	08/26/11	No					
130498#	AUBURN, CITY OF	GWINNETT COUNTY/BARROW COUNTY		05/18/92	12/18/09(M)	12/15/92	No					
130158C	AUGUSTA, CITY OF	RICHMOND COUNTY	10/24/75	03/04/80	11/15/19	03/04/80	No	10/01/18	10/01/18	7	15%	05%
	The City of Augusta and Richmond County Consolidated into a new community The City of Augusta-Richmond County.											
130054#	AUSTELL, CITY OF	DOUGLAS COUNTY/COBB COUNTY	04/05/74	12/01/77	03/04/13	12/01/77	No	10/01/12	05/01/18	7	15%	05%
130528C	AVONDALE ESTATES, CITY OF	DEKALB COUNTY		05/07/01	08/15/19	01/21/10	No					
135270#	BACON COUNTY*	BACON COUNTY		12/17/10	12/17/10	12/17/10	No					
130136#	BACONTON,CITY OF	MITCHELL COUNTY	04/05/74	09/25/09	09/25/09	07/02/87	No					
130204#	BAINBRIDGE, CITY OF	DECATUR COUNTY	02/13/76	04/03/87	09/25/09	04/03/87	No					
130270#	BAKER COUNTY *	BAKER COUNTY	03/28/75	06/19/97	08/18/09(M)	06/19/97	No					
130005#	BALDWIN COUNTY*	BALDWIN COUNTY	05/27/77	01/03/90	12/17/10	01/03/90	No					
130423B	BALL GROUND, CITY OF	CHEROKEE COUNTY	04/04/75	07/15/88	(NSFHA)	03/03/10	No					
130560#	BANKS COUNTY*	BANKS COUNTY		12/17/10	12/17/10	12/17/10	No					

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CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130207#	BARNESVILLE, CITY OF	LAMAR COUNTY	06/28/74	02/04/88	09/25/09	02/04/88	No					
130497#	BARROW COUNTY*	BARROW COUNTY		10/16/91	12/18/09	10/16/91	No					
130463B	BARTOW COUNTY *	BARTOW COUNTY	05/26/78	09/29/89	10/05/18	09/29/89	No					
130115#	BARTOW, CITY OF	JEFFERSON COUNTY	08/22/75	01/01/92	12/17/10(M)	01/01/92	No					
130002#	BAXLEY, CITY OF	APPLING COUNTY	09/06/74	08/05/86	12/17/10	08/05/86	No					
130309#	BELLVILLE, CITY OF	EVANS COUNTY	07/18/75	07/22/10	07/22/10(M)	05/05/16	No					
130496#	BEN HILL COUNTY*	BEN HILL COUNTY		09/06/96	09/25/09	03/12/00	No					
130450#	BERKELEY LAKE, CITY OF	GWINNETT COUNTY	07/23/76	12/18/84	03/04/13	12/18/84	No					
135271#	BERRIEN COUNTY*	BERRIEN COUNTY		09/25/09	09/25/09	09/25/09	No					
130272#	BETHLEHEM, TOWN OF	BARROW COUNTY	07/11/75	12/18/09	12/18/09(M)	03/24/16	No					
130410B	BETWEEN, TOWN OF	WALTON COUNTY		02/16/90	12/08/16(M)	07/01/10	No					
130500#	BIBB COUNTY*	BIBB COUNTY	05/24/74	09/28/79	04/02/07	09/28/79	No					
	DO NOT USE CID 130500 for any new, renewed, or increased NFIP flood insurance policies. Bibb County is now within the consolidated Macon-Bibb County. Use the Macon-Bibb County CID, 130680, for all NFIP flood insurance policies. FIRM maps are availa											
130491#	BLACKSHEAR, CITY OF	PIERCE COUNTY	02/01/80	08/19/85	09/25/09	08/19/85	No					
130179#	BLAIRSVILLE, CITY OF	UNION COUNTY	06/11/76	06/01/05	09/28/07	06/01/05	No					
130515#	BLAKELY, CITY OF	EARLY COUNTY		09/02/09	09/02/09(M)	09/02/09	No					
130280#	BLECKLEY COUNTY*	BLECKLEY COUNTY		09/06/96	12/17/10(M)	07/22/97	No					
130452D	BLOOMINGDALE, CITY OF	CHATHAM COUNTY	10/15/76	07/02/81	08/16/18	07/02/81	No	05/01/15	05/01/16	8	10%	05%
130445#	BLUE RIDGE, CITY OF	FANNIN COUNTY	06/11/76	07/19/00	09/17/10	10/10/13	No					
130206#	BLUFFTON, CITY OF	CLAY COUNTY		09/03/10	09/03/10(M)	06/20/13	No					
130490#	BOGART, CITY OF	CLARKE COUNTY/OCONEE COUNTY		04/02/07	(NSFHA)	12/16/21	No					
130402#	BOSTON, CITY OF	THOMAS COUNTY	04/18/75	06/17/86	09/25/09	06/17/86	No					
130244#	BOWDON, CITY OF	CARROLL COUNTY	11/15/74	06/17/86	09/19/07(M)	06/17/86	No					
130012#	BRANTLEY COUNTY *	BRANTLEY COUNTY	04/14/78	09/30/88	09/25/09	09/30/88	No					
130343#	BRASELTON, TOWN OF	BARROW COUNTY/HALL COUNTY/GWINNETT COUNTY	04/18/75	09/29/06	03/04/13	09/29/06	No					
130335#	BREMEN, CITY OF	CARROLL COUNTY/HARALSON COUNTY	04/18/75	08/01/86	09/26/08(M)	08/01/86	No					
130670#	BRINSON, CITY OF	DECATUR COUNTY	07/18/75	09/25/09	09/25/09(M)	09/25/09	No					
	THE CID NUMBER ON THE BRINSON FHBM DATED 7/18/1975 MAP IS IN ERROR.											
135175F	BROOKHAVEN, CITY OF	DEKALB COUNTY	06/02/70	05/15/80	08/15/19	10/18/13	No					
	BROOKHAVEN IS LOCATED ON DEKALB COUNTY FIRM PANELS: 0011J, 0012J, 0013J, 0014J, AND 0016J DATED 05/16/2013. The inital FIRM date for Brookhaven is 05/15/1980.											
130020#	BROOKLET, TOWN OF	BULLOCH COUNTY	04/05/74	07/03/86	08/05/10(M)	07/03/86	No					
130281#	BROOKS COUNTY*	BROOKS COUNTY	02/03/78	03/15/82	09/02/09	05/03/82	No					
130430#	BROOKS, TOWN OF	FAYETTE COUNTY		03/18/96	(NSFHA)	06/27/00	No					
130093C	BRUNSWICK,CITY OF	GLYNN COUNTY	05/24/74	06/19/85	01/05/18	06/19/85	No	10/01/93	10/01/20	6	20%	10%
130016C	BRYAN COUNTY *	BRYAN COUNTY	07/30/76	11/16/83	08/02/18	11/16/83	No	05/01/14	10/01/16	6	20%	10%
130336#	BUCHANAN, CITY OF	HARALSON COUNTY	04/18/75	12/15/90	09/26/08	12/15/90	No					
130364#	BUCKHEAD, TOWN OF	MORGAN COUNTY	07/11/75	02/15/02	02/15/02	02/15/02	No					
130323B	BUFORD, CITY OF	HALL COUNTY/GWINNETT COUNTY	04/04/75	06/15/81	04/04/18	05/22/95	No					
130019#	BULLOCH COUNTY*	BULLOCH COUNTY	03/28/75	05/02/91	08/05/10	05/02/91	No					
130022B	BURKE COUNTY*	BURKE COUNTY	03/10/78	09/15/89	08/15/19	09/15/89	No					
130535#	BUTLER, CITY OF	TAYLOR COUNTY		09/20/96	09/02/09	02/26/10	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130518B	BUTTS COUNTY*	BUTTS COUNTY		03/18/96	06/07/17	03/18/96	No					
130374#	BYRON, CITY OF	PEACH COUNTY	04/11/75	07/03/86	09/26/08(M)	07/03/86	No					
130097#	CAIRO, CITY OF	GRADY COUNTY	06/28/74	09/01/86	08/18/09(M)	09/01/86	No					
130571#	CALHOUN COUNTY*	CALHOUN COUNTY		09/02/09	09/02/09(M)	09/02/09	No					
130095#	CALHOUN, CITY OF	GORDON COUNTY	03/29/74	09/26/08	09/26/08	04/01/77	No					
130651#	CAMAK, TOWN OF	WARREN COUNTY		07/22/10	07/22/10(M)	07/22/10	No					
130262B	CAMDEN COUNTY*	CAMDEN COUNTY	04/02/76	06/01/84	12/21/17	06/01/84	No	05/01/13	05/01/17	6	20%	10%
130137#	CAMILLA, CITY OF	MITCHELL COUNTY	05/17/74	09/25/09	09/25/09	05/01/78	No					
130574#	CANDLER COUNTY*	CANDLER COUNTY		12/17/10	12/17/10	05/19/11	No					
130585#	CANON, CITY OF	FRANKLIN COUNTY		09/26/08	09/26/08(M)	12/04/15	No					
130039B	CANTON, CITY OF	CHEROKEE COUNTY	04/05/74	07/15/88	06/07/19	07/15/88	No					
130082#	CARNESVILLE, CITY OF	FRANKLIN COUNTY	05/24/74	09/04/85	09/26/08(M)	09/04/85	No					
130464C	CARROLL COUNTY*	CARROLL COUNTY	08/11/78	12/15/90	08/15/19	12/15/90	No					
130208#	CARROLLTON, CITY OF	CARROLL COUNTY	05/24/74	04/03/78	09/19/07	04/03/78	No					
130209B	CARTERSVILLE, CITY OF	BARTOW COUNTY	06/28/74	06/25/82	10/05/18	06/25/82	No	05/01/05	05/01/16	7	15%	05%
130028#	CATOOSA COUNTY*	CATOOSA COUNTY	06/03/77	09/28/79	09/11/09	09/28/79	No	05/01/13	05/01/19	9	05%	05%
130080#	CAVE SPRING, CITY OF	FLOYD COUNTY	06/14/74	05/01/85	09/25/09	05/01/85	No					
130568#	CECIL, CITY OF	COOK COUNTY		12/06/01	09/11/09(M)	12/06/01	No					
130153#	CEDARTOWN, CITY OF	POLK COUNTY	04/05/74	05/15/78	09/26/08	05/15/78	No					
130255#	CENTERVILLE, CITY OF	HOUSTON COUNTY	06/14/74	09/30/88	09/28/07	09/30/88	No					
130257B	CENTRALHATCHEE, TOWN OF	HEARD COUNTY	07/08/77	05/01/88	04/19/17	05/01/88	No					
130066C	CHAMBLEE, CITY OF	DEKALB COUNTY	06/07/74	09/15/77	08/15/19	09/15/77	No					
[illegible]92#	CHARLTON COUNTY*	CHARLTON COUNTY	05/14/76	09/21/98	07/07/14	09/21/98	No					
[illegible]0D	CHATHAM COUNTY*	CHATHAM COUNTY	03/05/76	08/01/80	08/16/18	08/01/80	No	10/01/91	05/01/15	5	25%	10%
[illegible]141#	CHATSWORTH,CITY OF	MURRAY COUNTY	06/21/74	07/02/87	09/29/10	07/02/87	No					
135174#	CHATTAHOOCHEE HILLS, CITY OF The City's SFHA is identified on the Fulton County, Georgia, FIRM panels (13121C0295 E, 0315, 0405, 0409, 0410, 0415, 0416, 0417, 0418, 0419, 0428, 0429, 0430, 0433, 0436, 0437, 0438, 0439, 0441, 0443 E)dated May 7, 2001.	FULTON COUNTY		05/07/01	09/18/13	07/30/08	No					
130036#	CHATTOOGA COUNTY*	CHATTOOGA COUNTY	03/26/76	02/17/93	09/26/08	02/17/93	No					
130424B	CHEROKEE COUNTY*	CHEROKEE COUNTY	08/20/76	07/15/88	06/07/19	07/15/88	No	05/01/05	05/01/05	8	10%	05%
130181#	CHICKAMAUGA, CITY OF	WALKER COUNTY	03/22/74	09/05/79	09/05/07	09/05/79	No					
130103B	CLARKESVILLE, CITY OF	HABERSHAM COUNTY	06/21/74	02/17/88	01/05/18	02/17/88	No					
130067C	CLARKSTON, CITY OF	DEKALB COUNTY	02/21/75	06/15/81	08/15/19	06/15/81	No					
130210#	CLAXTON, CITY OF	EVANS COUNTY	06/28/74	07/22/10	07/22/10(M)	08/19/86	No					
130554#	CLAY COUNTY*	CLAY COUNTY		09/03/10	09/03/10(M)	09/03/10	No					
130041A	CLAYTON COUNTY*	CLAYTON COUNTY	10/31/75	06/15/78	06/07/17	06/15/78	No					
130157#	CLAYTON, CITY OF	RABUN COUNTY	05/24/74	09/05/84	09/17/10	01/13/88	No					
130332B	CLERMONT, TOWN OF	HALL COUNTY	04/11/75	03/21/00	04/04/18	10/30/06	No					
130418B	CLEVELAND, CITY OF	WHITE COUNTY	04/11/75	02/01/91	01/05/18	02/01/91	No					
130542#	CLIMAX, CITY OF	DECATUR COUNTY		09/25/09	09/25/09(M)	03/13/19	No					
130048#	CLINCH COUNTY*	CLINCH COUNTY	04/22/77	08/01/86	09/11/09(M)	08/01/86	No					
130052E	COBB COUNTY*	COBB COUNTY	10/03/75	01/03/79	10/05/18	01/03/79	No	10/01/91	10/01/97	8	10%	05%
130279#	COCHRAN, CITY OF	BLECKLEY COUNTY	04/04/75	12/17/10	12/17/10(M)	07/31/15	No					
130465#	COFFEE COUNTY*	COFFEE COUNTY	04/21/78	08/02/90	09/11/09	08/02/90	No					
130618#	COHUTTA, TOWN OF	WHITFIELD COUNTY		09/19/07	09/19/07	05/06/16	No					
130355#	COLBERT, CITY OF	MADISON COUNTY	04/18/75	06/03/86	09/17/10(M)	06/03/86	No					
130086#	COLLEGE PARK, CITY OF	CLAYTON COUNTY/FULTON COUNTY	05/31/74	09/15/78	09/18/13	09/15/78	No	10/01/92	10/01/02	6	20%	10%
130642#	COLLINS, CITY OF	TATTNALL COUNTY		12/17/10	(NSFHA)	02/13/20	No					
130058#	COLQUITT COUNTY*	COLQUITT COUNTY	05/19/78	06/17/91	09/25/09	06/27/00	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130135#	COLQUITT, CITY OF	MILLER COUNTY	07/23/76	04/01/93	08/18/09(L)	04/01/93	No					
130059B	COLUMBIA COUNTY*	COLUMBIA COUNTY	05/21/76	05/01/80	06/07/19	05/01/80	No	05/01/99	10/01/21	6	20%	10%
135158B	COLUMBUS CONSOLIDATED GOVERNMENT Formerly named "City of Columbus."	MUSCOGEE COUNTY		10/30/70	04/19/17	10/30/70	No	10/01/91	10/01/93	8	10%	05%
130211#	COMER, CITY OF	MADISON COUNTY	04/12/74	09/17/10	09/17/10(M)	06/01/78	No					
130212#	COMMERCE, CITY OF	JACKSON COUNTY	04/23/76	11/16/90	12/17/10(M)	09/15/01	No					
130213A	CONYERS, CITY OF	ROCKDALE COUNTY	06/28/74	12/01/78	12/08/16	12/01/78	No					
130501#	COOK COUNTY*	COOK COUNTY		04/03/96	09/11/09	04/03/96	No					
130169#	COOLIDGE, CITY OF	THOMAS COUNTY	04/02/76	09/01/05	09/25/09	09/01/05	No					
130214#	CORDELE, CITY OF	CRISP COUNTY	09/24/76	03/18/87	09/25/09	03/18/87	No					
130329B	CORNELIA, CITY OF	HABERSHAM COUNTY	04/11/75	08/01/86	01/05/18	08/01/86	No					
130144#	COVINGTON, CITY OF	NEWTON COUNTY	06/28/74	03/02/83	03/17/14	03/02/83	No	10/01/93	10/01/19	8	10%	05%
130298#	COWETA COUNTY *	COWETA COUNTY	04/30/76	08/02/82	02/06/13	08/02/82	No	05/01/12	10/01/19	10		0%
130302#	CRAWFORD COUNTY*	CRAWFORD COUNTY		09/06/96	09/26/08(M)	08/12/97	No					
130146#	CRAWFORD, CITY OF	OGLETHORPE COUNTY	01/23/76	12/17/10	12/17/10(M)	12/17/10	No					
130575#	CRAWFORDVILLE, CITY OF	TALIAFERRO COUNTY		06/18/10	06/18/10(M)	06/18/10	No					
130504#	CRISP COUNTY*	CRISP COUNTY		08/02/96	09/25/09	08/02/96	No	05/01/05	10/01/21	8	10%	05%
130236D	CUMMING, CITY OF	FORSYTH COUNTY	06/14/74	06/18/90	06/07/19	08/01/86	No					
130293#	CUSSETA-CHATTAHOOCHEE COUNTY, UNIFIED GOVERNMENT THE CITY OF CUSSETA (CID 130243) AND CHATTAHOOCHEE COUNTY HAVE CONSOLIDATED THEIR GOVERNMENTS TO FORM THE UNIFIED GOVERNMENT OF CUSSETA-CHATTAHOOCHEE COUNTY. USE CID 130293 AND FIRM PANELS DATED 01/06/1988.	CHATTAHOOCHEE COUNTY	02/20/76	01/06/88	09/17/10	01/06/88	No					
130636#	CUTHBERT, CITY OF	RANDOLPH COUNTY		09/17/10	09/17/10(M)	06/28/19	No					
130324#	DACULA, CITY OF	GWINNETT COUNTY	04/18/75	08/19/86	09/29/06(M)	08/19/86	No					
130246#	DADE COUNTY *	DADE COUNTY	06/10/77	05/17/89	09/26/08	05/17/89	No					
130129B	DAHLONEGA, CITY OF	LUMPKIN COUNTY	06/28/74	09/18/91	04/04/18	09/18/91	No					
130372B	DALLAS, CITY OF	PAULDING COUNTY		11/08/99	06/07/19	11/08/99	No					
130194#	DALTON, CITY OF	WHITFIELD COUNTY	08/16/74	12/04/79	09/19/07	12/04/79	No					
130479#	DANIELSVILLE, CITY OF	MADISON COUNTY	09/15/78	09/17/10	09/17/10(M)	08/01/13	No					
130512#	DANVILLE, TOWN OF	WILKINSON COUNTY/TWIGGS COUNTY		12/17/10	(NSFHA)	12/17/10	No					
130131B	DARIEN, CITY OF	MCINTOSH COUNTY	05/10/74	07/02/81	08/02/18	07/02/81	No					
130653#	DAVISBORO, CITY OF	WASHINGTON COUNTY		07/22/10	07/22/10(M)	08/02/13	No					
130304B	DAWSON COUNTY*	DAWSON COUNTY	06/18/76	12/15/90	04/04/18	12/15/90	No					
130509#	DAWSON, CITY OF	TERRELL COUNTY		09/02/09	09/02/09(M)	09/02/09	No					
130064B	DAWSONVILLE,CITY OF	DAWSON COUNTY	01/17/75	05/21/82	04/04/18	05/21/82	No					
130451#	DECATUR COUNTY*	DECATUR COUNTY	06/30/78	08/01/86	09/25/09	08/01/86	No					
135159C	DECATUR, CITY OF	DEKALB COUNTY	06/16/70	06/16/70	08/15/19	06/11/71	No	10/01/93	05/01/15	7	15%	05%
130654#	DEEPSTEP, TOWN OF	WASHINGTON COUNTY		07/22/10	07/22/10(M)	09/07/16	No					
130065C	DEKALB COUNTY *	DEKALB COUNTY	06/02/70	05/15/80	08/15/19	05/15/80	No	10/01/92	10/01/08	7	15%	05%
130330B	DEMOREST, CITY OF	HABERSHAM COUNTY	04/04/75	06/02/09	01/05/18	11/15/10	No					
130215#	DENTON, CITY OF	JEFF DAVIS COUNTY	12/13/74	08/19/10	08/19/10(M)	12/12/14	No					
130607#	DEXTER, TOWN OF	LAURENS COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130446#	DILLARD, CITY OF	RABUN COUNTY	06/04/76	10/01/92	09/17/10(M)	10/01/92	No					
130523#	DODGE COUNTY*	DODGE COUNTY		09/20/96	08/19/10(M)	07/09/98	No					
130675#	DOERUN, CITY OF	COLQUITT COUNTY		09/25/09	(NSFHA)	09/25/09	No					
130164#	DONALSONVILLE, CITY OF	SEMINOLE COUNTY	07/23/76	06/17/86	09/25/09(M)	06/17/86	No					
130532#	DOOLY COUNTY*	DOOLY COUNTY		06/04/96	09/11/09	06/04/96	No					
130069C	DORAVILLE, CITY OF	DEKALB COUNTY	06/07/74	09/01/77	08/15/19	09/01/77	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130074#	DOUGHERTY COUNTY *	DOUGHERTY COUNTY	02/27/76	04/17/78	09/25/09	04/17/78	No	10/01/93	05/01/10	6	20%	10%
130306C	DOUGLAS COUNTY *	DOUGLAS COUNTY	03/05/76	01/02/80	12/30/20	01/02/80	No	10/01/95	10/01/16	7	15%	05%
130216#	DOUGLAS, CITY OF	COFFEE COUNTY	12/06/74	07/16/79	09/11/09	07/16/79	No	05/01/11	05/01/11	9	05%	05%
130305C	DOUGLASVILLE, CITY OF	DOUGLAS COUNTY	04/25/75	06/25/82	12/30/20	06/25/82	No					
130050#	DU PONT, CITY OF	CLINCH COUNTY	02/27/76	06/03/86	09/11/09(M)	06/03/86	No					
130217#	DUBLIN, CITY OF	LAURENS COUNTY	07/11/75	05/17/90	12/17/10	05/17/90	No					
130098#	DULUTH, CITY OF	GWINNETT COUNTY	05/24/74	06/01/81	03/04/13	06/01/81	No	10/01/97	10/01/08	8	10%	05%
130679C	DUNWOODY, CITY OF	DEKALB COUNTY	06/02/70	05/15/80	08/15/19	10/14/09	No					
	This newly incorporated community has adopted the Dekalb County FIRM panels 13089C005H, 0010H, 0012H, 0016H, and 0017H dated 05/07/2001.											
130499#	EARLY COUNTY*	EARLY COUNTY		08/02/95	09/02/09(M)	08/02/95	No					
130121#	EAST DUBLIN, TOWN OF	LAURENS COUNTY	10/21/77	08/19/86	12/17/10	08/19/86	No					
130089#	EAST ELLIJAY, CITY OF	GILMER COUNTY	06/28/74	08/15/90	04/17/12	11/03/99	No					
130087#	EAST POINT, CITY OF	FULTON COUNTY	06/28/74	03/15/77	09/18/13	03/15/77	No	10/01/13	10/01/13	7	15%	05%
130414#	EASTMAN, TOWN OF	DODGE COUNTY		08/19/10	08/19/10(M)	08/19/10	No					
130218#	EATONTON, CITY OF	PUTNAM COUNTY	02/21/75	06/19/89	09/26/08	06/19/89	No					
135272#	ECHOLS COUNTY*	ECHOLS COUNTY		08/03/09	08/03/09	08/03/09	No					
[illegible]85#	EDISON, CITY OF	CALHOUN COUNTY		09/02/09	09/02/09(M)	09/02/09	No					
[illegible]6C	EFFINGHAM COUNTY *	EFFINGHAM COUNTY	06/02/78	03/18/87	12/21/17	03/18/87	No	05/01/13	05/01/13	7	15%	05%
[illegible]264#	ELBERT COUNTY*	ELBERT COUNTY		07/06/10	07/06/10(M)	07/06/10	No					
130077#	ELBERTON, CITY OF	ELBERT COUNTY	06/21/74	04/15/86	07/06/10(M)	04/15/86	No					
130513#	ELLAVILLE, CITY OF	SCHLEY COUNTY		05/20/10	(NSFHA)	05/20/10	No					
130090#	ELLIJAY, CITY OF	GILMER COUNTY	06/28/74	08/15/90	04/17/12	08/15/90	No					
130307#	EMANUEL COUNTY*	EMANUEL COUNTY		12/17/10	12/17/10	12/17/10	No					
130276B	EMERSON, CITY OF	BARTOW COUNTY	04/04/75	10/08/82	10/05/18	10/08/82	No					
130596#	EPHESUS, CITY OF	HEARD COUNTY		08/19/10	08/19/10	01/20/22	No					
130365#	ETON, TOWN OF	MURRAY COUNTY	07/15/77	09/01/90	09/29/10	09/01/90	No					
130570B	EUHARLEE, CITY OF	BARTOW COUNTY		09/28/07	10/05/18	08/02/99	No					
	ADOPTED BARTOW COUNTY FIRM DATED 9-29-89.											
130494#	EVANS COUNTY*	EVANS COUNTY	03/18/85	07/22/10	07/22/10(M)	07/22/10	No					
130314#	FAIRBURN, CITY OF	FULTON COUNTY	08/19/77	09/28/79	09/18/13	09/28/79	No					
130249#	FANNIN COUNTY*	FANNIN COUNTY		08/19/91	09/17/10	08/19/91	No					
130478#	FARGO, CITY OF	CLINCH COUNTY		09/11/09	09/11/09	05/07/13	No					
130432#	FAYETTE COUNTY *	FAYETTE COUNTY	02/20/76	07/05/83	09/26/08	07/05/83	No	05/01/04	10/01/09	6	20%	10%
130431#	FAYETTEVILLE, CITY OF	FAYETTE COUNTY	04/25/75	08/04/88	09/26/08	08/04/88	No	05/01/06	10/01/11	7	15%	05%
130007#	FITZGERALD, CITY OF	BEN HILL COUNTY	01/17/75	12/15/89	09/25/09	12/15/89	No					
130124C	FLEMINGTON, CITY OF	LIBERTY COUNTY	10/18/74	05/17/82	12/07/18	05/17/82	No					
130283B	FLOVILLA, CITY OF	BUTTS COUNTY	04/11/75	09/29/86	06/07/17(M)	09/29/86	No					
130333B	FLOWERY BRANCH, CITY OF	HALL COUNTY	06/03/77	04/15/86	04/04/18	04/15/86	No					
130079B	FLOYD COUNTY*	FLOYD COUNTY	04/30/76	05/19/87	06/07/19	05/19/87	No					
130290#	FOLKSTON, CITY OF	CHARLTON COUNTY	08/08/75	06/03/86	07/07/14(M)	06/03/86	No					
130042A	FOREST PARK, CITY OF	CLAYTON COUNTY	05/31/74	05/16/77	06/07/17	05/16/77	No	05/01/12	05/01/12	9	05%	05%
130312D	FORSYTH COUNTY *	FORSYTH COUNTY	04/23/76	07/04/89	06/07/19	07/04/89	No					
130359B	FORSYTH, CITY OF	MONROE COUNTY	04/11/75	09/26/08	06/07/17(M)	09/26/08	No					
130550#	FORT GAINES, CITY OF	CLAY COUNTY		09/03/10	09/03/10(M)	09/03/10	No					
130248#	FORT OGLETHORPE, CITY OF	CATOOSA COUNTY	03/08/74	02/01/84	09/11/09	02/01/84	No					
130148#	FORT VALLEY, CITY OF	PEACH COUNTY	06/28/74	06/25/76	09/26/08(M)	06/25/76	No					
130659#	FRANKLIN COUNTY*	FRANKLIN COUNTY		09/26/08	09/26/08(M)	09/26/08	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130313#	FRANKLIN SPRINGS, CITY OF	FRANKLIN COUNTY	04/04/75	05/28/82	09/26/08(M)	05/28/82	No					
130106B	FRANKLIN, CITY OF	HEARD COUNTY	05/10/74	07/17/86	04/19/17	07/17/86	No					
135160#	FULTON COUNTY *	FULTON COUNTY		11/20/70	09/18/13	10/29/71	No	10/01/00	05/01/18	10		0%
130263B	GAINESVILLE, CITY OF	HALL COUNTY	08/22/75	07/05/83	04/04/18	07/05/83	No					
135161D	GARDEN CITY, CITY OF	CHATHAM COUNTY	03/16/73	03/16/73	08/16/18	03/16/73	No	10/01/13	05/01/19	6	20%	10%
130623#	GAY, TOWN OF	MERIWETHER COUNTY		07/03/12	07/03/12(M)	02/19/16	No					
130091A	GIBSON, CITY OF	GLASCOCK COUNTY	03/28/75	07/17/86	06/18/10(M)	07/17/86	No					
130317#	GILMER COUNTY*	GILMER COUNTY	03/15/84	08/15/90	04/17/12	08/15/90	No					
130023#	GIRARD, TOWN OF	BURKE COUNTY	09/06/74	12/17/10	12/17/10(M)	05/07/20	No					
130219#	GLENNVILLE, CITY OF	TATTNALL COUNTY	06/28/74	09/29/86	12/17/10(M)	09/29/86	No					
130419#	GLENWOOD, CITY OF	WHEELER COUNTY	04/04/75	08/01/04	08/19/10(M)	08/01/04	No					
130092C	GLYNN COUNTY *	GLYNN COUNTY	07/30/76	04/15/85	01/05/18	04/15/85	No	10/01/92	05/01/19	6	20%	10%
130411#	GOOD HOPE, CITY OF	WALTON COUNTY	04/04/75	06/17/86	05/18/09(M)	06/17/86	No					
130094#	GORDON COUNTY*	GORDON COUNTY	10/16/76	09/26/08	09/26/08	07/02/91	No					
130259#	GORDON, CITY OF	WILKINSON COUNTY	05/17/74	07/04/88	12/17/10	07/04/88	No					
130096#	GRADY COUNTY*	GRADY COUNTY	06/17/77	04/01/96	08/18/09(L)	04/01/96	No					
130443#	GRANTVILLE, CITY OF	COWETA COUNTY		05/16/06	02/06/13(M)	06/26/06	No					
130237B	GRAY, CITY OF	JONES COUNTY	06/28/74	05/21/82	06/07/17(M)	05/21/82	No					
130325#	GRAYSON, CITY OF	GWINNETT COUNTY	07/11/75	06/01/05	09/29/06(M)	06/01/05	No					
130573#	GREENE COUNTY*	GREENE COUNTY		12/17/10	12/17/10	12/17/10	No					
130220#	GREENSBORO, CITY OF	GREENE COUNTY	12/20/74	08/27/82	12/17/10(M)	08/27/82	No					
130165B	GRIFFIN, CITY OF	SPALDING COUNTY	09/20/74	01/01/87	06/07/17(M)	01/01/87	No	10/01/08	04/01/21	6	20%	10%
130265B	GROVETOWN, CITY OF	COLUMBIA COUNTY	08/01/75	01/28/77	06/07/19	01/28/77	No					
130610#	GUMBRANCH, CITY OF	LIBERTY COUNTY		09/26/08	05/05/14(M)	10/21/08	No					
130456C	GUYTON, CITY OF	EFFINGHAM COUNTY	07/01/77	06/01/05	03/16/15(M)	06/01/05	No					
130322#	GWINNETT COUNTY *	GWINNETT COUNTY	06/17/77	06/15/81	03/04/13	06/15/81	No	10/01/94	05/01/15	7	15%	05%
130458B	HABERSHAM COUNTY *	HABERSHAM COUNTY	02/24/78	04/02/91	01/05/18	04/02/91	No					
130311#	HAGAN, CITY OF	EVANS COUNTY	04/18/75	07/22/10	07/22/10(M)	07/22/10	No					
130352#	HAHIRA, CITY OF	LOWNDES COUNTY	04/11/75	05/15/86	09/26/08(M)	05/15/86	No					
130466B	HALL COUNTY *	HALL COUNTY	06/23/78	11/02/83	04/04/18	01/31/84	No					
130594#	HAMILTON, CITY OF	HARRIS COUNTY		07/03/12	07/03/12(M)	07/03/12	No					
130107B	HAMPTON, CITY OF	HENRY COUNTY	02/20/76	05/16/06	10/06/16	05/16/06	No					
130563#	HANCOCK COUNTY*	HANCOCK COUNTY		09/29/10	09/29/10(M)	09/29/10	No					
130502#	HAPEVILLE, CITY OF	FULTON COUNTY		08/24/93	09/18/13	07/02/96	No					
130495#	HARALSON COUNTY*	HARALSON COUNTY		06/15/88	09/26/08	06/15/88	No					
130266B	HARLEM, CITY OF	COLUMBIA COUNTY	07/18/75	01/28/77	06/07/19	01/28/77	No					
130338B	HARRIS COUNTY*	HARRIS COUNTY	04/16/76	12/05/90	04/19/17	12/05/90	No					
130467B	HART COUNTY*	HART COUNTY	01/27/78	09/01/87	12/20/19	09/01/87	No					
130480B	HARTWELL, CITY OF	HART COUNTY		09/26/08	12/20/19(M)	09/26/08	No					
130155#	HAWKINSVILLE, CITY OF	PULASKI COUNTY	05/03/74	08/15/90	08/19/10	08/15/90	No					
130114#	HAZLEHURST, CITY OF	JEFF DAVIS COUNTY	12/27/74	08/01/79	08/19/10	08/01/79	No					
130105B	HEARD COUNTY*	HEARD COUNTY	04/09/76	08/01/86	04/19/17	08/01/86	No					
130192B	HELEN, CITY OF	WHITE COUNTY	09/06/74	04/03/84	01/05/18	04/03/84	No					
130468B	HENRY COUNTY *	HENRY COUNTY	08/04/78	11/02/83	10/06/16	11/02/83	No	05/01/12	05/01/12	8	10%	05%
130442C	HEPHZIBAH, CITY OF	RICHMOND COUNTY	04/12/74	06/25/76	11/15/19	06/25/76	No					
130447#	HIAWASSEE, CITY OF	TOWNS COUNTY	06/11/76	04/01/93	06/16/11(M)	04/01/93	No					
130628#	HIGGSTON, CITY OF	MONTGOMERY COUNTY		08/19/10	08/19/10(M)	10/10/14	No					
130385#	HILTONIA, TOWN OF	SCREVEN COUNTY	04/11/75	07/01/91	07/22/10(M)	07/01/91	No					
130125C	HINESVILLE,CITY OF	LIBERTY COUNTY	02/25/77	09/16/82	12/07/18	09/16/82	No	05/01/13	10/01/18	6	20%	10%
130221#	HIRAM, CITY OF	PAULDING COUNTY	10/18/74	11/08/99	09/29/06	09/18/07	No					
130013#	HOBOKEN, CITY OF	BRANTLEY COUNTY	08/30/74	04/15/86	09/25/09(M)	04/15/86	No					
130176#	HOGANSVILLE,CITY OF	TROUP COUNTY	05/10/74	08/04/87	07/03/12	08/04/87	No					
130425B	HOLLY SPRINGS, CITY OF	CHEROKEE COUNTY	04/11/75	09/29/86	06/07/19	09/29/86	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130291#	HOMELAND, CITY OF	CHARLTON COUNTY	04/11/75	09/21/98	07/07/14(M)	08/13/98	No					
130271A	HOMER, TOWN OF	BANKS COUNTY	04/18/75	12/17/10	12/17/10	12/17/10	No					
130051#	HOMERVILLE, CITY OF	CLINCH COUNTY	06/07/74	07/09/82	09/11/09(M)	07/09/82	No					
130344#	HOSCHTON, TOWN OF	JACKSON COUNTY	04/23/76	11/16/90	12/17/10(M)	10/16/12	No					
130247#	HOUSTON COUNTY *	HOUSTON COUNTY	03/05/76	06/04/90	09/28/07	06/04/90	No					
130520#	IDEAL, CITY OF	MACON COUNTY		04/03/96	08/18/09	04/03/96	No					
130637#	IRON CITY, TOWN OF	SEMINOLE COUNTY		09/25/09	(NSFHA)	10/09/09	No					
130572#	IRWIN COUNTY*	IRWIN COUNTY		08/03/09	08/03/09(M)	08/03/09	No					
130440#	IRWINTON, CITY OF	WILKINSON COUNTY	04/25/75	09/04/86	12/17/10(M)	09/04/86	No					
130420#	IVEY, TOWN OF	WILKINSON COUNTY	12/16/77	06/03/86	12/17/10(M)	06/03/86	No					
130345#	JACKSON COUNTY*	JACKSON COUNTY	04/23/76	11/16/90	12/17/10	11/16/90	No					
130222B	JACKSON, CITY OF	BUTTS COUNTY	05/17/74	09/29/86	06/07/17(M)	09/29/86	No					
130644#	JACKSONVILLE, TOWN OF	TELFAIR COUNTY		08/19/10	08/19/10(M)	04/20/11	No					
130516#	JAKIN, CITY OF	EARLY COUNTY		09/02/09	09/02/09(M)	09/03/09	No					
130519B	JASPER COUNTY*	JASPER COUNTY		05/06/96	06/07/17	05/06/96	No					
130375A	JASPER, CITY OF	PICKENS COUNTY	04/11/75	09/29/10	09/29/10(M)	09/29/10	No					
130113#	JEFF DAVIS COUNTY*	JEFF DAVIS COUNTY		09/06/96	08/19/10(M)	02/14/05	No					
130538#	JEFFERSON COUNTY*	JEFFERSON COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130112#	JEFFERSON, CITY OF	JACKSON COUNTY	06/28/74	06/04/87	12/17/10	06/04/87	No					
130508#	JEFFERSONVILLE, CITY OF	TWIGGS COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130201C	JEKYLL ISLAND, STATE PARK AUTHORITY	GLYNN COUNTY	12/27/74	06/01/84	01/05/18	06/01/84	No	10/01/93	05/01/17	5	25%	10%
130118#	JENKINS COUNTY *	JENKINS COUNTY	02/03/78	09/29/89	08/05/10	09/29/89	No					
[illegible]5B	JENKINSBURG, CITY OF	BUTTS COUNTY		08/18/09	06/07/17(M)	08/18/09	No					
[illegible]8#	JESUP, CITY OF	WAYNE COUNTY	05/31/74	02/04/88	12/17/10	02/04/88	No					
130678#	JOHNS CREEK, CITY OF	FULTON COUNTY		06/18/10	09/18/13	08/18/09	No	10/01/13	10/01/19	7	15%	05%
	CITY OF JOHNS CREEK HAS ADOPTED FULTON COUNTY'S FIS AND ACCOMPANYING FIRM PANELS DATED 05/07/2001.											
130567#	JOHNSON COUNTY*	JOHNSON COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130434B	JONES COUNTY*	JONES COUNTY	05/27/77	09/01/90	06/07/17	09/01/90	No					
130055E	KENNESAW, CITY OF	COBB COUNTY	06/14/74	08/01/80	10/05/18	08/01/80	No					
130104#	KEYSVILLE, TOWN OF	JEFFERSON COUNTY/BURKE COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130238B	KINGSLAND, CITY OF	CAMDEN COUNTY	02/20/76	06/01/84	12/21/17	06/01/84	No					
130277B	KINGSTON, CITY OF	BARTOW COUNTY	04/18/75	09/29/89	10/05/18(M)	11/13/02	No					
130602#	KITE, TOWN OF	JOHNSON COUNTY		12/17/10	12/17/10(M)	09/06/13	No					
130182#	LAFAYETTE, CITY OF	WALKER COUNTY	05/17/74	02/15/78	09/05/07	02/15/78	No					
130177B	LAGRANGE, CITY OF	TROUP COUNTY	04/02/76	12/01/78	04/19/17	12/01/78	No					
130044A	LAKE CITY, CITY OF	CLAYTON COUNTY	05/31/74	09/04/86	06/07/17	09/04/86	No	05/01/12	05/01/12	9	05%	05%
135265#	LAKE PARK, CITY OF	LOWNDES COUNTY		09/26/08	(NSFHA)	11/02/10	No					
130120#	LAKELAND, CITY OF	LANIER COUNTY	03/29/74	12/16/88	12/17/10	12/16/88	No					
130556#	LAMAR COUNTY*	LAMAR COUNTY		09/25/09	09/25/09	09/25/09	No					
130555#	LANIER COUNTY*	LANIER COUNTY		12/17/10	12/17/10	12/17/10	No					
130462#	LAURENS COUNTY *	LAURENS COUNTY	02/17/78	04/01/10	12/17/10	04/01/10	No					
130586A	LAVONIA, CITY OF	FRANKLIN COUNTY		09/26/08	(NSFHA)	03/31/21	No					
130099#	LAWRENCEVILLE, CITY OF	GWINNETT COUNTY	06/28/74	05/15/80	09/29/06	05/15/80	No					
130035#	LEARY, CITY OF	CALHOUN COUNTY		09/02/09	09/02/09(M)	08/23/12	No					
130122#	LEE COUNTY *	LEE COUNTY	05/27/77	05/15/91	09/02/09	05/15/91	No					
130348#	LEESBURG, CITY OF	LEE COUNTY	04/18/75	06/17/86	09/02/09(M)	06/17/86	No					
130569#	LENOX, TOWN OF	COOK COUNTY		12/06/01	09/11/09	12/06/01	No					
130395#	LESLIE, CITY OF	SUMTER COUNTY	04/11/75	09/29/86	09/11/09(M)	09/29/86	No					
130123C	LIBERTY COUNTY *	LIBERTY COUNTY	10/08/76	12/01/83	12/07/18	12/01/83	No					
130100#	LILBURN, CITY OF	GWINNETT COUNTY	06/07/74	03/04/80	09/29/06	03/04/80	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130583#	LILLY, CITY OF	DOOLY COUNTY		09/11/09	(NSFHA)	03/03/10	No					
130665B	LINCOLN COUNTY*	LINCOLN COUNTY		07/06/10	04/17/20(M)	07/06/10	No					
130666B	LINCOLNTON, CITY OF	LINCOLN COUNTY		07/06/10	04/17/20(M)	07/06/10	No					
130472C	LITHONIA, CITY OF	DEKALB COUNTY		05/07/01	12/08/16	01/30/08	No					
130032B	LOCUST GROVE, CITY OF	HENRY COUNTY		05/16/06	10/06/16	06/26/06	No					
130326B	LOGANVILLE, CITY OF	WALTON COUNTY/GWINNETT COUNTY	04/04/75	07/16/82	12/08/16	07/16/82	No					
130127C	LONG COUNTY *	LONG COUNTY	03/17/78	09/27/85	11/17/17(M)	09/27/85	No					
130441#	LOUISVILLE, CITY OF	JEFFERSON COUNTY	08/15/75	01/01/92	12/17/10(M)	01/01/92	No					
130469#	LOWNDES COUNTY *	LOWNDES COUNTY	05/05/78	06/01/82	09/26/08	04/23/91	No					
130128#	LUDOWICI, CITY OF	LONG COUNTY	01/23/76	09/26/08	05/05/14(M)	05/21/07	No					
130562B	LULA, CITY OF	HALL COUNTY/BANKS COUNTY		03/21/00	04/04/18	10/30/06	No					
130167#	LUMBER CITY, CITY OF	TELFAIR COUNTY	06/28/74	08/19/10	08/19/10(M)	09/29/86	No					
130354B	LUMPKIN COUNTY*	LUMPKIN COUNTY	04/02/76	04/02/91	04/04/18	06/14/02	No					
130294#	LYERLY, TOWN OF	CHATTOOGA COUNTY	04/04/75	09/04/85	09/26/08(M)	09/04/85	No					
130223#	LYONS, CITY OF	TOOMBS COUNTY	12/06/74	05/15/86	08/19/10(M)	05/15/86	No					
130506#	MACON COUNTY*	MACON COUNTY		04/03/96	08/18/09	04/03/96	No					
130011#	MACON, CITY OF	JONES COUNTY/BIBB COUNTY	05/24/74	09/28/79	04/02/07	09/28/79	No					
	DO NOT USE CID 130011 for any new, renewed, or increased NFIP flood insurance policies. Macon is now within the consolidated Macon-Bibb County. Use the Macon-Bibb County CID, 130680, for all NFIP flood insurance policies. FIRM maps are available un											
130680B	MACON-BIBB COUNTY	MACON COUNTY/BIBB COUNTY	05/24/74	09/28/79	06/07/17	08/26/16	No					
	Macon-Bibb County is a consolidation of the former City of Macon (CID 130011) and former Bibb County (CID 130500). Use the Macon-Bibb County CID, 130680, for all new, reissued, or increased NFIP flood insurance policies. DO NOT USE CID 130011 OR 13											
130470#	MADISON COUNTY*	MADISON COUNTY	03/17/78	08/01/87	09/17/10	08/01/87	No					
130224#	MADISON, CITY OF	MORGAN COUNTY	02/21/75	02/15/02	02/15/02	02/15/02	No					
130225#	MANCHESTER, CITY OF	TALBOT COUNTY/MERIWETHER COUNTY	12/06/74	08/05/86	07/03/12	08/05/86	No					
130226E	MARIETTA, CITY OF	COBB COUNTY	06/21/74	02/15/78	10/05/18	02/15/78	No	10/01/13	10/01/97	8	10%	05%
135266#	MARION COUNTY*	MARION COUNTY		05/20/10	05/20/10(M)	12/09/19	No					
130536#	MARSHALLVILLE, TOWN OF	MACON COUNTY		08/18/09	(NSFHA)	03/19/99	No					
130613#	MAXEYS, CITY OF	OGLETHORPE COUNTY		12/17/10	12/17/10(M)	01/29/16	No					
130598#	MAYSVILLE, TOWN OF	JACKSON COUNTY/BANKS COUNTY		12/17/10	12/17/10	12/17/10	No					
130250#	MCCAYSVILLE, CITY OF	FANNIN COUNTY	03/22/74	03/01/86	09/17/10	03/01/86	No					
130342B	MCDONOUGH, CITY OF	HENRY COUNTY	04/11/75	06/01/04	10/06/16	06/01/04	No					
130357#	MCDUFFIE COUNTY *	MCDUFFIE COUNTY	03/26/76	10/01/04	09/29/10	11/08/04	No					
130130B	MCINTOSH COUNTY *	MCINTOSH COUNTY	04/09/76	05/15/84	08/02/18	05/15/84	No	05/01/18	05/01/18	7	15%	05%
130645#	MCRAE, CITY OF	TELFAIR COUNTY		08/19/10	08/19/10(M)	04/28/11	No					
130295#	MENLO, TOWN OF	CHATTOOGA COUNTY	04/18/75	09/26/08	09/26/08(M)	10/23/09	No					
130473#	MERIWETHER COUNTY*	MERIWETHER COUNTY	07/14/78	07/16/90	07/03/12	07/16/90	No					
130564#	METTER, CITY OF	CANDLER COUNTY		12/17/10	12/17/10(M)	12/17/10	No					
130024#	MIDVILLE, CITY OF	BURKE COUNTY	07/11/75	07/03/86	12/17/10(M)	07/03/86	No					
130351C	MIDWAY, CITY OF	LIBERTY COUNTY	04/04/75	09/30/81	12/07/18	09/30/81	No					
130006#	MILLEDGEVILLE, CITY OF	BALDWIN COUNTY	05/31/74	08/01/79	12/17/10	08/01/79	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130119#	MILLEN, CITY OF	JENKINS COUNTY	04/12/74	05/01/87	08/05/10	05/01/87	No					
130134#	MILLER COUNTY*	MILLER COUNTY	06/10/77	08/18/09	08/18/09	08/18/09	No					
130347#	MILNER, TOWN OF	LAMAR COUNTY		09/25/09	(NSFHA)	09/25/09	No					
130673C	MILTON, CITY OF	FULTON COUNTY		11/02/71	06/19/20	08/10/07	No					
130438#	MITCHELL COUNTY *	MITCHELL COUNTY	07/16/76	09/25/09	09/25/09	07/01/91	No					
130376#	MOLENA, CITY OF	PIKE COUNTY	04/11/75	09/01/04	09/11/09(M)	09/01/04	No					
130138B	MONROE COUNTY*	MONROE COUNTY	04/01/77	09/01/90	06/07/17	09/01/90	No					
130227B	MONROE, CITY OF	WALTON COUNTY	06/28/74	02/16/90	12/08/16	02/16/90	No					
130132#	MONTEZUMA, CITY OF	MACON COUNTY	08/16/74	08/01/86	08/18/09	08/01/86	No					
130139#	MONTGOMERY COUNTY*	MONTGOMERY COUNTY	03/19/76	08/19/10	08/19/10(M)	08/19/10	No					
130510B	MONTICELLO, CITY OF	JASPER COUNTY		06/18/10	06/07/17(M)	06/18/10	No					
130300#	MORELAND, TOWN OF	COWETA COUNTY	04/18/75	09/27/85	02/06/13	09/27/85	No					
130559#	MORGAN COUNTY*	MORGAN COUNTY		02/15/02	02/15/02	02/15/02	No					
130142#	MORGAN, CITY OF	CALHOUN COUNTY		09/02/09	09/02/09(M)	12/03/12	No					
130449#	MORGANTON, CITY OF	FANNIN COUNTY	06/18/76	04/02/86	09/17/10(M)	04/02/86	No					
130045A	MORROW, CITY OF	CLAYTON COUNTY	05/24/74	02/16/83	06/07/17	02/16/83	No	05/01/12	05/01/12	9	05%	05%
130199#	MOULTRIE, CITY OF	COLQUITT COUNTY	11/22/74	05/15/79	09/25/09	05/15/79	No					
130140#	MOUNT VERNON, CITY OF	MONTGOMERY COUNTY	05/31/74	08/19/10	08/19/10(M)	08/19/86	No					
130286#	MOUNT ZION, CITY OF	CARROLL COUNTY	07/01/77	09/01/87	09/19/07	09/01/87	No					
130252#	MOUNTAIN CITY, TOWN OF	RABUN COUNTY	01/17/75	07/09/82	09/17/10(M)	07/09/82	No					
130315#	MOUNTAIN PARK, CITY OF	FULTON COUNTY	01/13/78	02/16/83	09/18/13	04/07/83	No					
130331B	MT AIRY, TOWN OF	HABERSHAM COUNTY		06/02/09	01/05/18	06/02/09	No					
	Community is currently unmapped. Mt. Airy has adopted the Habersham County FIRM effective January 16, 2009.											
130366#	MURRAY COUNTY*	MURRAY COUNTY	05/14/76	08/15/90	09/29/10	08/15/90	No					
130014#	NAHUNTA, CITY OF	BRANTLEY COUNTY	05/17/75	09/04/85	09/25/09(M)	09/04/85	No					
130008#	NASHVILLE, CITY OF	BERRIEN COUNTY	02/14/75	08/01/86	09/25/09(M)	08/01/86	No					
130296#	NELSON, CITY OF	CHEROKEE COUNTY/PICKENS COUNTY	04/11/75	09/29/86	09/29/10(M)	09/29/86	No					
130062#	NEWNAN, CITY OF	COWETA COUNTY	05/31/74	11/15/78	02/06/13	11/15/78	No					
130143#	NEWTON COUNTY *	NEWTON COUNTY	04/23/76	07/05/83	03/17/14	07/05/83	No					
130004#	NEWTON, CITY OF	BAKER COUNTY	04/12/74	09/01/86	08/18/09(M)	09/01/86	No					
130483#	NICHOLLS, CITY OF	COFFEE COUNTY	09/29/78	09/11/09	09/11/09(M)	07/01/19	No					
130101#	NORCROSS, CITY OF	GWINNETT COUNTY	05/24/74	05/01/80	03/04/13	05/01/80	No					
130346#	NORMAN PARK, CITY	COLQUITT COUNTY		09/25/09	09/25/09(M)	04/01/20	No					
130368#	NORTH HIGH SHOALS, TOWN OF	OCONEE COUNTY	08/19/77	09/01/86	09/02/09	09/01/86	No					
130652#	NORWOOD, TOWN OF	WARREN COUNTY		07/22/10	07/22/10(M)	07/22/10	No					
130334B	OAKWOOD, CITY OF	HALL COUNTY	04/04/75	07/23/82	04/04/18	07/23/82	No					
130565#	OCILLA, CITY OF	IRWIN COUNTY		08/03/09	08/03/09(M)	08/03/09	No					
130453#	OCONEE COUNTY *	OCONEE COUNTY	01/13/78	07/17/89	09/02/09	07/17/89	No					
130415#	OCONEE, CITY OF	WASHINGTON COUNTY	06/03/77	06/03/86	07/22/10(M)	06/03/86	No					
130189#	ODUM, CITY OF	WAYNE COUNTY	01/03/75	12/17/10	12/17/10(M)	04/05/11	No					
130614#	OFFERMAN, CITY OF	PIERCE COUNTY		09/25/09	09/25/09(M)	09/25/09	No					
130370#	OGLETHORPE COUNTY*	OGLETHORPE COUNTY	05/28/76	11/01/06	12/17/10	11/01/06	No					
130133#	OGLETHORPE, CITY OF	MACON COUNTY	06/25/74	09/29/86	08/18/09	09/29/86	No					
130552#	OMEGA, CITY OF	COLQUITT COUNTY/TIFT COUNTY		08/17/98	09/29/10(M)	11/22/10	No					
130367#	OXFORD, TOWN OF	NEWTON COUNTY	04/11/75	09/05/07	03/17/14	09/05/07	No					
130239#	PALMETTO, CITY OF	COWETA COUNTY/FULTON COUNTY	06/14/74	11/01/79	09/18/13	11/01/79	No					
130457#	PATTERSON, TOWN OF	PIERCE COUNTY	06/10/77	04/17/89	09/25/09(M)	10/11/90	No					
130147B	PAULDING COUNTY *	PAULDING COUNTY	03/19/76	04/02/79	06/07/19	04/02/79	No	10/01/91	10/01/96	10		0%
130373#	PEACH COUNTY *	PEACH COUNTY	02/10/78	07/03/90	09/26/08	07/03/90	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130078#	PEACHTREE CITY, CITY OF	FAYETTE COUNTY	05/31/74	12/01/77	09/26/08	12/01/77	No	10/01/93	10/01/03	7	15%	05%
135176C	PEACHTREE CORNERS, CITY OF	GWINNETT COUNTY		06/15/81	03/04/13	08/24/17	No	10/01/20	10/01/20	8	10%	05%
	PLEASE USE THE FOLLOWING GWINNETT COUNTY FIRM PANELS: 13135C0083F,0096F,095F,0080F DATED 09/29/2006; AND 13135C0053H,0082G,0052H,0081G ,0066H,0068G,0051H,067G,0065H DATED 03/04/2013 FOR FLOOD											
130576#	PEARSON, CITY OF	ATKINSON COUNTY		08/03/09	08/03/09(M)	02/22/16	No					
130437#	PELHAM, CITY OF	MITCHELL COUNTY	02/27/76	09/25/09	09/25/09(M)	04/02/86	No					
130017#	PEMBROKE, CITY OF	BRYAN COUNTY	05/10/74	08/01/86	05/05/14(M)	08/01/86	No	05/01/17	05/01/17	9	05%	05%
130110#	PERRY, CITY OF	HOUSTON COUNTY	05/31/74	01/19/78	09/28/07	01/19/78	No					
130149#	PICKENS COUNTY *	PICKENS COUNTY	12/31/76	07/01/87	09/29/10	07/01/87	No					
130151#	PIERCE COUNTY *	PIERCE COUNTY	08/13/76	04/17/89	09/25/09	04/17/89	No					
130511#	PIKE COUNTY*	PIKE COUNTY		03/18/96	09/11/09(M)	03/18/96	No					
130070#	PINE LAKE, CITY OF	DEKALB COUNTY	04/12/74	06/15/81	05/16/13	06/15/81	No					
130340#	PINE MOUNTAIN, TOWN OF	HARRIS COUNTY		07/03/12	(NSFHA)	07/03/12	No					
130071A	PINEHURST, CITY OF	DOOLY COUNTY	04/18/75	06/25/76	09/11/09(M)	06/25/76	No					
130533#	PITTS, CITY OF	WILCOX COUNTY		09/20/96	(NSFHA)	09/16/19	No					
130531#	PLAINS, CITY OF	SUMTER COUNTY		02/09/01	(NSFHA)	12/21/10	No					
130319#	PLAINVILLE, CITY OF	GORDON COUNTY	04/18/75	09/26/08	09/26/08(M)	06/18/87	No					
130256B	POLK COUNTY *	POLK COUNTY	02/20/76	12/16/88	06/07/19	12/16/88	No					
130261D	POOLER, CITY OF	CHATHAM COUNTY	07/25/75	09/30/81	08/16/18	09/30/81	No	10/01/93	10/01/15	6	20%	10%
135162D	PORT WENTWORTH, CITY OF	CHATHAM COUNTY	03/16/73	03/16/73	08/16/18	03/16/73	No					
130145#	PORTERDALE, CITY OF	NEWTON COUNTY	04/12/74	01/19/83	03/17/14	01/19/83	No					
130197#	POULAN, CITY OF	WORTH COUNTY	05/17/74	04/30/86	09/25/09(M)	04/30/86	No					
130056#	POWDER SPRINGS, CITY OF	COBB COUNTY	04/12/74	08/01/80	03/04/13	08/01/80	No	10/01/15	10/01/15	6	20%	10%
130378#	PULASKI COUNTY*	PULASKI COUNTY	06/17/77	08/15/90	08/19/10	08/15/90	No					
130284#	PULASKI, TOWN OF	CANDLER COUNTY	04/04/75	12/17/10	12/17/10(M)	02/19/16	No					
130540#	PUTNAM COUNTY*	PUTNAM COUNTY		09/26/08	09/26/08	09/26/08	No					
130015#	QUITMAN, CITY OF	BROOKS COUNTY	03/29/74	04/01/82	09/02/09	04/01/82	No					
130156#	RABUN COUNTY *	RABUN COUNTY	04/28/78	06/19/85	09/17/10	06/19/85	No					
130553#	RANDOLPH COUNTY*	RANDOLPH COUNTY		09/17/10	09/17/10(M)	09/17/10	No					
	COMMUNITY HAS ADOPTED 60.3(D) ORDINANCE, EVENTHOUGH NO MAP HAS BEEN PRODUCED FOR THE											
130009#	RAY CITY, CITY OF	BERRIEN COUNTY	02/14/75	04/01/77	09/25/09	04/01/77	No					
130650#	REBECCA, CITY OF	TURNER COUNTY		08/03/09	(NSFHA)	04/04/19	No					
130399#	REIDSVILLE, CITY OF	TATTNALL COUNTY	04/04/75	03/01/87	12/17/10(M)	03/01/87	No					
130589#	RESACA, TOWN OF	GORDON COUNTY		09/26/08	09/26/08	06/02/11	No					
130527#	REYNOLDS, TOWN OF	TAYLOR COUNTY		09/20/96	09/02/09(M)	06/19/03	No					
130126C	RICEBORO, CITY OF	LIBERTY COUNTY	05/10/74	11/04/81	12/07/18	11/04/81	No					
130640#	RICHLAND, CITY OF	STEWART COUNTY		09/03/10	09/03/10(M)	10/16/19	No					
130018C	RICHMOND HILL, CITY OF	BRYAN COUNTY	06/07/74	04/17/84	08/02/18	04/17/84	No	05/01/16	05/01/16	7	15%	05%
130426C	RINCON,CITY OF	EFFINGHAM COUNTY	04/11/75	02/19/87	12/21/17	02/19/87	No					
130029#	RINGGOLD, CITY OF	CATOOSA COUNTY	03/22/74	06/15/78	09/11/09	06/15/78	No					
130047A	RIVERDALE, CITY OF	CLAYTON COUNTY	06/14/74	02/15/78	06/07/17	02/15/78	No					
130303#	ROBERTA, CITY OF	CRAWFORD COUNTY	04/18/75	09/29/86	09/26/08(M)	09/29/86	No					
130384A	ROCKDALE COUNTY *	ROCKDALE COUNTY	04/16/76	02/15/79	12/08/16	02/15/79	No					
130154B	ROCKMART, CITY OF	POLK COUNTY	06/07/74	03/04/88	06/07/19	03/04/88	No					
130162#	ROCKY FORD, TOWN OF	SCREVEN COUNTY	09/06/74	05/01/94	07/22/10(M)	05/01/94	No					
130081B	ROME, CITY OF	FLOYD COUNTY	05/17/74	09/15/78	06/07/19	09/15/78	No					
130287#	ROOPVILLE, CITY OF	CARROLL COUNTY		09/19/07	(NSFHA)	09/19/07	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130183#	ROSSVILLE, CITY OF	WALKER COUNTY	03/22/74	09/28/79	09/05/07	09/28/79	No					
130088C	ROSWELL, CITY OF	FULTON COUNTY	06/07/74	12/15/77	06/19/20	12/15/77	No	10/01/91	10/01/96	7	15%	05%
130485#	ROYSTON, CITY OF	MADISON COUNTY/FRANKLIN COUNTY/HART COUNTY		09/26/08	09/26/08(M)	11/19/08	No					
130363#	RUTLEDGE, CITY OF	MORGAN COUNTY	08/08/75	02/15/02	02/15/02	05/19/06	No					
130439#	SALE CITY, CITY OF	MITCHELL COUNTY	04/04/75	09/25/09	09/25/09	09/25/09	No					
130228#	SANDERSVILLE, CITY OF	WASHINGTON COUNTY	08/09/74	09/01/86	07/22/10(M)	09/01/86	No					
130669#	SANDY SPRINGS, CITY OF	FULTON COUNTY		05/07/01	09/18/13	05/10/07	No					
	THE CITY OF SANDY SPRINGS HAS ADOPTED THE FULTON COUNTY FIS AND FIRM DATED 05/07/2001. THE FIRM PANELS FOR SANDY SPRINGS ARE 13121C 0044E, 0063E, 0064E, 0132E, 0134E, 0139E, 0140E, 0141E, 0142E, 0143E, 0144E, 0151E, 0152E, 0153E, 0154E, 0160E, 0161E											
130648#	SASSER, TOWN OF	TERRELL COUNTY		09/02/09	09/02/09(M)	11/25/14	No					
135163D	SAVANNAH, CITY OF	CHATHAM COUNTY	09/18/70	05/21/71	08/16/18	05/21/71	No	10/01/92	05/01/16	5	25%	10%
135267#	SCHLEY COUNTY*	SCHLEY COUNTY		05/20/10	05/20/10(M)	09/15/15	No					
130168#	SCOTLAND, CITY OF	WHEELER COUNTY/TELFAIR COUNTY	08/30/74	08/19/10	08/19/10(M)	12/13/11	No					
130160#	SCREVEN COUNTY*	SCREVEN COUNTY		07/22/10	07/22/10(M)	07/22/10	No					
130617#	SCREVEN, CITY OF	WAYNE COUNTY		12/17/10	12/17/10(M)	03/28/14	No					
[illegible]87#	SEMINOLE COUNTY*	SEMINOLE COUNTY	05/14/76	09/01/86	09/25/09	09/01/86	No					
[illegible]1#	SENOIA, CITY OF	COWETA COUNTY	04/04/75	07/01/87	02/06/13	07/01/87	No					
[illegible]81#	SHARPSBURG, TOWN OF	COWETA COUNTY		05/16/06	(NSFHA)	06/26/06	No					
130382A	SHELLMAN, CITY OF	RANDOLPH COUNTY	06/11/76	09/17/10	09/17/10(M)	06/28/19	No					
130634#	SKY VALLEY, CITY OF	RABUN COUNTY		09/17/10	09/17/10	04/05/11	No					
130349#	SMITHVILLE,CITY OF	LEE COUNTY/SUMTER COUNTY	05/27/77	06/04/87	09/02/09(M)	06/04/87	No					
130057E	SMYRNA, CITY OF	COBB COUNTY	06/07/74	12/15/77	10/05/18	12/15/77	No					
130102#	SNELLVILLE, CITY OF	GWINNETT COUNTY	06/14/74	07/16/80	09/29/06	07/16/80	No					
130505B	SOCIAL CIRCLE, CITY OF	WALTON COUNTY		02/16/90	12/08/16(M)	03/31/10	No					
130657#	SOPERTON, CITY OF	TREUTLEN COUNTY		08/19/10	08/19/10(M)	04/20/11	No					
135177F	SOUTH FULTON, CITY OF	FULTON COUNTY		09/18/13	09/18/13	12/09/20	No					
	Use county maps											
130388B	SPALDING COUNTY *	SPALDING COUNTY	03/25/77	07/02/91	06/07/17	12/11/92	No					
130061#	SPARKS, TOWN OF	COOK COUNTY	02/14/75	11/16/77	09/11/09	11/16/77	No					
130427C	SPRINGFIELD, CITY OF	EFFINGHAM COUNTY	04/04/75	03/18/87	03/16/15	03/18/87	No					
130027B	ST. MARYS, CITY OF	CAMDEN COUNTY	05/17/74	06/01/84	12/21/17	06/01/84	No	05/01/16	10/01/19	6	20%	10%
130433#	STAPLETON, CITY OF	JEFFERSON COUNTY	04/04/75	08/19/86	12/17/10(M)	08/19/86	No					
130021#	STATESBORO, CITY OF	BULLOCH COUNTY	06/07/74	05/15/80	08/05/10	05/15/80	No					
130275#	STATHAM, CITY OF	BARROW COUNTY	04/04/75	06/17/86	12/18/09(M)	06/17/86	No					
130391#	STEPHENS COUNTY *	STEPHENS COUNTY	02/20/76	08/15/84	09/26/08(M)	08/15/84	No					
130393#	STEWART COUNTY *	STEWART COUNTY	05/14/76	07/01/87	09/03/10(M)	07/01/87	No					
130108B	STOCKBRIDGE, CITY OF	HENRY COUNTY	06/07/74	06/15/83	10/06/16	06/15/83	No					
130260C	STONE MOUNTAIN, CITY OF	DEKALB COUNTY	04/12/74	08/01/86	12/08/16	08/01/86	No					
130268C	STONECREST, CITY OF	DEKALB COUNTY	06/02/70	05/15/80	12/08/16	12/05/19	No					
130474#	SUGAR HILL, CITY OF	GWINNETT COUNTY		09/29/06	03/04/13	09/29/06	No					
130037#	SUMMERVILLE, CITY OF	CHATTOOGA COUNTY	04/12/74	09/04/85	09/26/08(M)	09/04/85	No					
130486#	SUMNER, TOWN OF	WORTH COUNTY	09/22/78	09/25/09	09/25/09(M)	09/25/09	No					
130521#	SUMTER COUNTY*	SUMTER COUNTY		05/06/96	09/11/09	05/06/96	No					
130389B	SUNNY SIDE, CITY OF	SPALDING COUNTY	04/11/75	05/03/10	06/07/17(M)	06/02/11	No					
130328#	SUWANEE, CITY OF	GWINNETT COUNTY	04/04/75	06/01/81	03/04/13	06/01/81	No					
130229#	SWAINSBORO, CITY OF	EMANUEL COUNTY	09/20/74	02/04/88	12/17/10	02/04/88	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130580#	SYCAMORE, CITY OF	TURNER COUNTY		08/03/09	08/03/09(M)	08/03/09	No					
130163#	SYLVANIA, CITY OF	SCREVEN COUNTY	06/07/74	09/27/85	07/22/10(M)	09/27/85	No					
130198#	SYLVESTER, CITY OF	WORTH COUNTY	05/10/74	05/17/89	09/25/09	05/17/89	No					
130396#	TALBOT COUNTY *	TALBOT COUNTY	03/26/76	09/04/86	07/03/12(M)	09/04/86	No					
135261A	TALIAFERRO COUNTY*	TALIAFERRO COUNTY		06/18/10	06/18/10(M)	06/18/10	No					
130150#	TALKING ROCK, TOWN OF	PICKENS COUNTY	06/17/77	09/29/10	09/29/10(M)	08/04/21	No					
130337#	TALLAPOOSA, CITY OF	HARALSON COUNTY	04/25/75	07/09/82	09/26/08(M)	07/09/82	No					
130380#	TALLULAH FALLS, TOWN OF	RABUN COUNTY/HABERSHAM COUNTY	04/25/75	08/13/82	06/02/09(M)	08/13/82	No					
130664#	TALMO, CITY OF COMMUNITY ADOPTED JACKSON COUNTY FIRM PANELS 1303450065 A AND 1303450075 A DATED 11/16/1990	JACKSON COUNTY	04/23/76	11/16/90	12/17/10(M)	03/05/10	No					
130471#	TATTNALL COUNTY *	TATTNALL COUNTY	08/18/78	05/01/05	12/17/10	05/01/05	No					
130522#	TAYLOR COUNTY*	TAYLOR COUNTY		09/20/96	09/02/09(M)	02/13/97	No					
130166#	TELFAIR COUNTY*	TELFAIR COUNTY		08/19/10	08/19/10(M)	05/06/96	No					
130288#	TEMPLE, CITY OF	CARROLL COUNTY	04/11/75	09/18/87	09/19/07	09/18/87	No					
130416#	TENNILLE, CITY OF	WASHINGTON COUNTY	04/11/75	07/17/86	07/22/10(M)	07/17/86	No					
130400#	TERRELL COUNTY *	TERRELL COUNTY	07/16/76	09/02/09	09/02/09(M)	09/02/09	No					
130401#	THOMAS COUNTY *	THOMAS COUNTY	02/03/78	03/05/90	09/25/09	03/05/90	No					
130408#	THOMASTON, CITY OF	UPSON COUNTY	04/11/75	09/25/09	09/25/09	09/29/86	No					
130170#	THOMASVILLE, CITY OF	THOMAS COUNTY	06/07/74	05/16/77	09/25/09	05/16/77	No					
130230#	THOMSON, CITY OF	MCDUFFIE COUNTY	06/28/74	09/29/10	09/29/10(M)	10/05/10	No					
130460D	THUNDERBOLT, TOWN OF	CHATHAM COUNTY	12/23/77	07/02/87	08/16/18	07/02/87	No	05/01/15	05/01/16	6	20%	10%
130404#	TIFT COUNTY *	TIFT COUNTY	02/17/78	06/01/82	09/29/10	06/01/82	No					
130171#	TIFTON, CITY OF	TIFT COUNTY	01/17/75	05/01/78	09/29/10	05/01/78	No	10/01/08	10/01/08	8	10%	05%
130231#	TOCCOA, CITY OF	STEPHENS COUNTY	06/28/74	12/04/84	09/26/08(M)	12/04/84	No					
130173#	TOOMBS COUNTY*	TOOMBS COUNTY	03/19/76	05/02/91	08/19/10	10/31/91	No					
130422A	TOOMSBORO, CITY OF	WILKINSON COUNTY	04/12/74	06/25/76	11/15/19	05/01/88	No					
130253#	TOWNS COUNTY*	TOWNS COUNTY		07/06/98	06/16/11	07/06/98	No					
130063#	TRENTON, CITY OF	DADE COUNTY	03/08/74	09/28/79	09/26/08	09/28/79	No					
130175#	TREUTLEN COUNTY*	TREUTLEN COUNTY		08/19/10	08/19/10(M)	08/19/10	No					
130038#	TRION, TOWN OF	CHATTOOGA COUNTY	05/03/74	09/28/79	09/26/08	09/28/79	No					
130405B	TROUP COUNTY *	TROUP COUNTY	05/06/77	12/05/90	04/19/17	12/05/90	No					
130681C	TUCKER, CITY OF	DEKALB COUNTY	06/02/70	05/15/80	08/15/19	09/16/19	No					
130489#	TUNNEL HILL, CITY OF	WHITFIELD COUNTY	10/06/78	02/01/91	09/19/07	02/01/91	No					
130475#	TURIN, TOWN OF	COWETA COUNTY		05/16/06	02/06/13(M)	06/26/06	No					
130566#	TURNER COUNTY*	TURNER COUNTY		08/03/09	08/03/09(M)	09/30/09	No					
130406#	TWIGGS COUNTY*	TWIGGS COUNTY		03/18/96	12/17/10	03/18/96	No					
135169#	TWIN CITY, CITY OF	EMANUEL COUNTY		12/17/10	12/17/10(M)	11/22/19	No					
130172#	TY TY, CITY OF	TIFT COUNTY	08/22/75	09/04/85	09/29/10(M)	09/04/85	No					
135164D	TYBEE ISLAND, CITY OF	CHATHAM COUNTY	03/18/70	05/21/71	08/16/18	01/14/72	No	10/01/93	05/01/15	5	25%	10%
130493#	TYRONE, TOWN OF	FAYETTE COUNTY		03/01/84	09/26/08	03/01/84	No					
130072#	UNADILLA, CITY OF	DOOLY COUNTY	06/14/74	07/23/82	09/11/09(M)	07/23/82	No					
130379#	UNIFIED GOVERNMENT OF GEORGETOWN-QUITMAN COUNTY The City of Georgetown and Quitman County merged to form the Unified Government of Georgetown-Quitman County. Use CID 130379 for flood insurance policies.	QUITMAN COUNTY	02/10/78	09/01/87	08/05/10(M)	09/01/87	No					
130316#	UNION CITY, CITY OF	FULTON COUNTY	04/04/75	09/28/79	09/18/13	09/28/79	No					
130254#	UNION COUNTY*	UNION COUNTY	09/18/85	03/01/86	09/28/07	03/01/86	No					
130590#	UNION POINT, CITY OF	GREENE COUNTY		12/17/10	12/17/10(M)	08/23/12	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130407#	UPSON COUNTY *	UPSON COUNTY	07/30/76	05/17/89	09/25/09	05/17/89	No					
130361#	UVALDA, CITY OF	MONTGOMERY COUNTY	04/25/75	08/19/10	08/19/10(M)	07/09/82	No					
130200#	VALDOSTA, CITY OF	LOWNDES COUNTY	03/26/76	01/19/78	09/26/08	01/19/78	No					
130667#	VARNELL, CITY OF	WHITFIELD COUNTY		09/19/07	09/19/07	02/06/09	No					
135165D	VERNONBURG,TOWN OF	CHATHAM COUNTY	07/27/73	10/31/75	08/16/18	07/27/73	No					
130232#	VIDALIA, CITY OF	MONTGOMERY COUNTY/TOOMBS COUNTY	01/10/75	09/02/88	08/19/10	09/02/88	No					
130073#	VIENNA, CITY OF	DOOLY COUNTY	04/18/75	07/09/82	09/11/09(M)	07/09/82	No					
130289C	VILLA RICA, CITY OF	DOUGLAS COUNTY/CARROLL COUNTY	06/27/75	09/01/86	08/15/19	09/01/86	No					
130116#	WADLEY, CITY OF	JEFFERSON COUNTY	08/22/75	08/19/86	12/17/10(M)	08/19/86	No					
130031B	WALESKA, CITY OF	CHEROKEE COUNTY		09/29/06	06/07/19(M)	03/31/10	No					
130180#	WALKER COUNTY *	WALKER COUNTY	03/03/78	09/28/79	09/05/07	09/28/79	No					
	INCLUDES THE TOWN OF LINWOOD											
130413B	WALNUT GROVE, CITY OF	WALTON COUNTY		02/16/90	12/08/16(M)	11/15/10	No					
130459C	WALTHOURVILLE, CITY OF	LIBERTY COUNTY	09/26/08	09/26/08	12/07/18	10/29/08	No					
130185B	WALTON COUNTY *	WALTON COUNTY	02/20/76	02/16/90	12/08/16	02/16/90	No					
130184#	WARE COUNTY *	WARE COUNTY	12/17/76	12/02/80	09/25/09	12/02/80	No					
130627#	WARM SPRINGS, CITY OF	MERIWETHER COUNTY		07/03/12	07/03/12(M)	10/10/14	No					
130111#	WARNER ROBINS, CITY OF	HOUSTON COUNTY	06/14/74	12/01/78	09/28/07	12/01/78	No					
135262#	WARREN COUNTY*	WARREN COUNTY		07/22/10	07/22/10(M)	07/22/10	No					
130187#	WARRENTON, CITY OF	WARREN COUNTY	04/04/75	07/23/82	07/22/10(M)	07/23/82	No					
[illegible]48#	WARWICK, CITY OF	WORTH COUNTY		09/25/09	09/25/09(M)	09/25/09	No					
[illegible]9#	WASHINGTON COUNTY*	WASHINGTON COUNTY		07/22/10	07/22/10(M)	05/22/14	No					
[illegible]33#	WASHINGTON, CITY OF	WILKES COUNTY	06/27/75	05/01/87	07/22/10(M)	05/01/87	No					
130369#	WATKINSVILLE, CITY OF	OCONEE COUNTY	04/11/75	08/19/86	09/02/09	08/19/86	No					
130240#	WAVERLY HALL, TOWN OF	HARRIS COUNTY	06/14/74	08/01/86	07/03/12(M)	08/01/86	No					
130186#	WAYCROSS, CITY OF	WARE COUNTY	05/24/74	08/03/81	09/25/09	08/03/81	No					
130417#	WAYNE COUNTY *	WAYNE COUNTY	06/30/78	09/30/88	12/17/10	09/30/88	No					
130025#	WAYNESBORO, CITY OF	BURKE COUNTY	06/14/74	08/01/87	12/17/10	08/01/87	No	10/01/91	10/01/97	10		0%
135268#	WEBSTER COUNTY, UNIFIED GOVERNMENT OF	WEBSTER COUNTY		08/18/09	08/18/09	08/18/09	No					
	Community name changed from Webster County to "The Unified Government of Webster County."											
130178B	WEST POINT, CITY OF	TROUP COUNTY	06/07/74	01/06/83	04/19/17	01/06/83	No					
130190#	WHEELER COUNTY*	WHEELER COUNTY	04/30/76	08/19/10	08/19/10(M)	08/19/10	No					
130674#	WHIGHAM, CITY OF	GRADY COUNTY		08/18/09	08/18/09	11/05/09	No					
130191B	WHITE COUNTY*	WHITE COUNTY	06/11/76	09/01/89	01/05/18	09/01/89	No					
130278B	WHITE, CITY OF	BARTOW COUNTY	04/04/75	06/04/82	10/05/18	06/04/82	No					
130503C	WHITESBURG, CITY OF	CARROLL COUNTY		09/19/07	04/19/17	09/19/07	No					
130193#	WHITFIELD COUNTY*	WHITFIELD COUNTY	04/14/78	02/16/90	09/19/07	02/16/90	No					
130524#	WILCOX COUNTY*	WILCOX COUNTY		09/20/96	08/19/10(M)	04/16/98	No					
135263#	WILKES COUNTY*	WILKES COUNTY		07/22/10	07/22/10(M)	07/22/10	No					
135167#	WILKINSON COUNTY*	WILKINSON COUNTY		12/17/10	12/17/10	12/17/10	No					
130234#	WINDER, CITY OF	BARROW COUNTY	05/21/76	01/05/88	12/18/09	01/15/88	No					
130297#	WINTERVILLE, CITY OF	CLARKE COUNTY	04/11/75	04/02/07	04/02/07	04/02/07	No					
130241B	WOODBINE, CITY OF	CAMDEN COUNTY	06/14/74	06/01/84	12/21/17	06/01/84	No					
130436#	WOODBURY, CITY OF	MERIWETHER COUNTY	06/27/75	07/03/12	07/03/12(M)	12/04/12	No					
130397#	WOODLAND, CITY OF	TALBOT COUNTY	04/11/75	06/25/76	07/03/12(M)	06/25/76	No					
130264B	WOODSTOCK, CITY OF	CHEROKEE COUNTY	07/18/75	07/15/88	06/07/19	07/15/88	No					
130592#	WOODVILLE, CITY OF	GREENE COUNTY		12/17/10	12/17/10(M)	09/12/14	No					
130539#	WOOLSEY, TOWN OF	FAYETTE COUNTY		03/18/96	09/26/08(M)	04/10/97	No					
	THE TOWN OF WOOLSEY HAS ADOPTED THE FAYETTE											

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Participating in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Reg-Emer Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
	COUNTY FIRM DATED											
130196#	WORTH COUNTY*	WORTH COUNTY	06/02/78	03/17/97	09/25/09	03/17/97	No	10/01/03	05/01/03	9	05%	05%
130117#	WRENS, CITY OF	JEFFERSON COUNTY	05/10/74	06/17/86	12/17/10(M)	06/17/86	No					
130174#	YOUNG HARRIS,CITY OF	TOWNS COUNTY	10/15/76	05/04/88	06/16/11	05/04/88	No					
130529#	ZEBULON, CITY OF	PIKE COUNTY		09/11/09	09/11/09(M)	09/11/09	No					

Summary:

Total In Flood Program	581
Total In Emergency Program	0
Total In the Regular Program	581
Total In Regular Program with No Special Flood Hazard	20
Total In Regular Program But Minimally Flood Prone	225

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Not in the National Flood Program

CID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Sanction Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
130514#	ARABI, CITY OF	CRISP COUNTY		09/25/09	09/25/09	09/25/10	No					
130371#	ARNOLDSVILLE, CITY OF	OGLETHORPE COUNTY		12/17/10	12/17/10	12/17/11	No					
130390#	AVALON, TOWN OF	STEPHENS COUNTY	04/16/76	04/16/76	09/26/08	04/16/77	No					
130205B	BALDWIN, CITY OF	HABERSHAM COUNTY	01/23/76	06/02/09	01/05/18	01/23/77	No					
130383C	BLYTHE, CITY OF	RICHMOND COUNTY		09/25/09	11/15/19	09/25/10	No					
130362#	BOSTWICK, CITY OF	MORGAN COUNTY	04/04/75	02/15/02	02/15/02	04/04/76	No					
130428#	BOWMAN, CITY OF	ELBERT COUNTY	04/04/75	07/06/10	07/06/10	04/04/76	No					
130646#	BRONWOOD, TOWN OF	TERRELL COUNTY		09/02/09	09/02/09	09/02/10	No					
130477#	BROXTON, CITY OF	COFFEE COUNTY		09/11/09	09/11/09	09/11/10	No					
130622#	BUENA VISTA, CITY OF	MARION COUNTY		05/20/10	05/20/10	05/20/11	No					
130461#	BYROMVILLE, TOWN OF	DOOLY COUNTY		09/11/09	09/11/09	09/11/10	No					
130606#	CADWELL, TOWN OF	LAURENS COUNTY		12/17/10	12/17/10	12/17/11	No					
130273#	CARL, TOWN OF	BARROW COUNTY	04/11/75	12/18/09	12/18/09	04/11/76	No					
130476#	CARLTON, TOWN OF	MADISON COUNTY	10/13/78	09/17/10	09/17/10	10/13/79	No					
130377#	CHAUNCEY, CITY OF	DODGE COUNTY		08/19/10	08/19/10	08/19/11	No					
130403#	CHESTER, TOWN OF	DODGE COUNTY		08/19/10	08/19/10	08/19/11	No					
130398#	COBBTOWN, CITY OF	TATTNALL COUNTY	04/11/75	12/17/10	12/17/10	04/11/76	No					
130517#	DAMASCUS, CITY OF	EARLY COUNTY		09/02/09	09/02/09	09/02/10	No					
130608#	DUDLEY, CITY OF	LAURENS COUNTY		12/17/10	12/17/10	12/17/11	No					
130285#	ELLENTON, TOWN OF	COLQUITT COUNTY		09/25/09	09/25/09	09/25/10	No					
130010#	ENIGMA, TOWN OF	BERRIEN COUNTY		09/25/09	09/25/09	09/25/10	No					
130661A	FAIRMOUNT, CITY OF	GORDON COUNTY		09/26/08	09/26/08	09/26/09	No					
[illegible]584#	GARFIELD, CITY OF	EMANUEL COUNTY		12/17/10	12/17/10	12/17/11	No					
[illegible]61#	GILLSVILLE, CITY OF	HALL COUNTY,BANKS COUNTY		03/21/00	09/29/06	03/21/01	No					
130660A	GLASCOCK COUNTY*	GLASCOCK COUNTY		06/18/10	06/18/10	06/18/11	No					
130578#	GRAHAM, CITY OF	APPLING COUNTY		12/17/10	12/17/10	12/17/11	No					
130624#	GREENVILLE, CITY OF	MERIWETHER COUNTY		07/03/12	07/03/12	07/03/13	No					
130299#	HARALSON, TOWN OF	COWETA COUNTY	04/18/75	05/16/06	02/06/13	04/18/76	No					
130655#	HARRISON, TOWN OF	WASHINGTON COUNTY		07/22/10	07/22/10	07/22/11	No					
130526#	HELENA, CITY OF	WHEELER COUNTY,TELFAIR COUNTY		08/19/10	08/19/10	08/19/11	No					
130481#	ILA, CITY OF	MADISON COUNTY	09/15/78	09/17/10	09/17/10	09/15/79	No					
130043A	JONESBORO, CITY OF	CLAYTON COUNTY	05/24/74	09/05/07	06/07/17	05/24/75	No					
130625#	LONE OAK, CITY OF	MERIWETHER COUNTY		07/03/12	07/03/12	07/03/13	No					
130448#	LOOKOUT MOUNTAIN, CITY OF	WALKER COUNTY		09/10/76	09/05/07	09/10/77	No					
130658A	LOVEJOY, CITY OF	CLAYTON COUNTY		09/05/07	06/07/17	09/05/08	No					
130639#	LUMPKIN, CITY OF	STEWART COUNTY		09/03/10	09/03/10	09/03/11	No					
130626#	LUTHERSVILLE, CITY OF	MERIWETHER COUNTY		07/03/12	07/03/12	07/03/13	No					
130392#	MARTIN, TOWN OF	STEPHENS COUNTY	04/04/75	09/26/08	09/26/08	04/04/76	No					
130421A	MCINTYRE, TOWN OF	WILKINSON COUNTY	04/11/75	12/17/10	12/17/10	04/11/76	No					
130633#	MEANSVILLE, CITY OF	PIKE COUNTY		09/11/09	09/11/09	09/11/10	No					
130546#	MEIGS, CITY OF	MITCHELL COUNTY,THOMAS COUNTY		09/25/09	09/25/09	09/25/10	No					
130588A	MITCHELL, TOWN OF	GLASCOCK COUNTY		06/18/10	06/18/10	06/18/11	No					
130482#	MONTROSE, TOWN OF	LAURENS COUNTY	09/15/78	12/17/10	12/17/10	09/15/79	No					
130034#	MORVEN, CITY OF	BROOKS COUNTY		09/02/09	09/02/09	09/02/10	No					
130161#	NEWINGTON, TOWN OF	SCREVEN COUNTY	09/06/74	07/22/10	07/22/10	09/06/75	No					
130662#	NICHOLSON, CITY OF	JACKSON COUNTY	04/23/76	11/16/90	12/17/10	04/23/77	No					
135166#	NUNEZ, TOWN OF	EMANUEL COUNTY		12/17/10	12/17/10	12/17/11	No					
130269A	OAK PARK, TOWN OF	EMANUEL COUNTY	07/18/75	12/17/10	12/17/10	07/18/76	No					
130386#	OLIVER, CITY OF	SCREVEN COUNTY		07/22/10	07/22/10	07/22/11	No					
130638B	ORCHARD HILL, CITY OF	SPALDING COUNTY		05/03/10	06/07/17	05/03/11	No					
130484#	PAVO, CITY OF	BROOKS COUNTY,THOMAS COUNTY		09/25/09	09/25/09	09/25/10	No					

Federal Emergency Management Agency
Community Status Book Report
GEORGIA
Communities Not in the National Flood Program

ID	Community Name	County	Init FHBM Identified	Init FIRM Identified	Curr Eff Map Date	Sanction Date	Tribal	CRS Entry Date	Curr Eff Date	Curr Class	% Disc SFHA	% Disc Non SFHA
10663#	PENDERGRASS, CITY OF	JACKSON COUNTY	04/23/76	11/16/90	12/17/10	04/23/77	No					
10534#	PINEVIEW, TOWN OF	WILCOX COUNTY		09/20/96	08/19/10	09/20/97	No					
10549#	REGISTER, TOWN OF	BULLOCH COUNTY		08/05/10	08/05/10	08/05/11	No					
10612#	REMERTON, CITY OF	LOWNDES COUNTY		09/26/08	09/26/08	09/26/09	No					
10609#	RENTZ, TOWN OF	LAURENS COUNTY		12/17/10	12/17/10	12/17/11	No					
10327B	REST HAVEN, CITY OF	HALL COUNTY,GWINNETT COUNTY	02/03/78	06/01/81	04/04/18	02/03/79	No					
10429#	RHINE, TOWN OF	DODGE COUNTY		08/19/10	08/19/10	08/19/11	No					
10656#	RIDDLEVILLE, TOWN OF	WASHINGTON COUNTY		07/22/10	07/22/10	07/22/11	No					
10537#	ROCHELLE, CITY OF	WILCOX COUNTY		09/20/96	08/19/10	09/20/97	No					
10455#	SARDIS, TOWN OF	BURKE COUNTY		12/17/10	12/17/10	12/17/11	No					
10339#	SHILOH, CITY OF	HARRIS COUNTY	04/04/75	07/03/12	07/03/12	04/04/76	No					
10591#	SILOAM, TOWN OF	GREENE COUNTY		12/17/10	12/17/10	12/17/11	No					
15275#	SPARTA, CITY OF	HANCOCK COUNTY		09/29/10	09/29/10	09/29/11	No					
10308A	STILLMORE, TOWN OF	EMANUEL COUNTY	04/11/75	12/17/10	12/17/10	04/11/76	No					
15168#	SUMMERTOWN, TOWN OF	EMANUEL COUNTY		12/17/10	12/17/10	12/17/11	No					
10547#	TALBOTTON, CITY OF	TALBOT COUNTY		07/03/12	07/03/12	07/03/13	No					
10629#	TARRYTOWN, TOWN OF	MONTGOMERY COUNTY		08/19/10	08/19/10	08/19/11	No					
10487B	TAYLORSVILLE, CITY OF	BARTOW COUNTY	09/29/78	09/28/07	10/05/18	09/29/79	No					
10381#	TIGER, TOWN OF	RABUN COUNTY	07/11/75	09/17/10	09/17/10	07/11/76	No					
10282#	VIDETTE, TOWN OF	BURKE COUNTY		12/17/10	12/17/10	12/17/11	No					
15260#	WHITE PLAINS, TOWN OF	GREENE COUNTY		12/17/10	12/17/10	12/17/11	No					
10577#	WILLACOOCHEE, CITY OF	ATKINSON COUNTY		08/03/09	08/03/09	08/03/10	No					
10603#	WRIGHTSVILLE, CITY OF	JOHNSON COUNTY		12/17/10	12/17/10	12/17/11	No					

Summary:

Total Not in Flood Program	74
Total Suspended from Emergency Program	0
Total Suspended from Regular Program	0
Total Withdrawn Communities Not In Program	0
Total Not In Program With Hazard Area Identified	74
Total Not In Program With Hazard Area Identified < 1 Year	0

Legend:

(E)	Indicates Entry In Emergency Program
NSFHA	No Special Flood Hazard Area - All Zone C
(>)	Date of Current Effective Map is after the Date of This Report
N/A	Not Applicable At This Time
(S)	Suspended Community
(W)	Withdrawn Community
(M)	No Elevation Determined - All Zone A, C and X
(L)	Original FIRM by Letter - All Zone A, C and X

HAZARDOUS MATERIAL

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

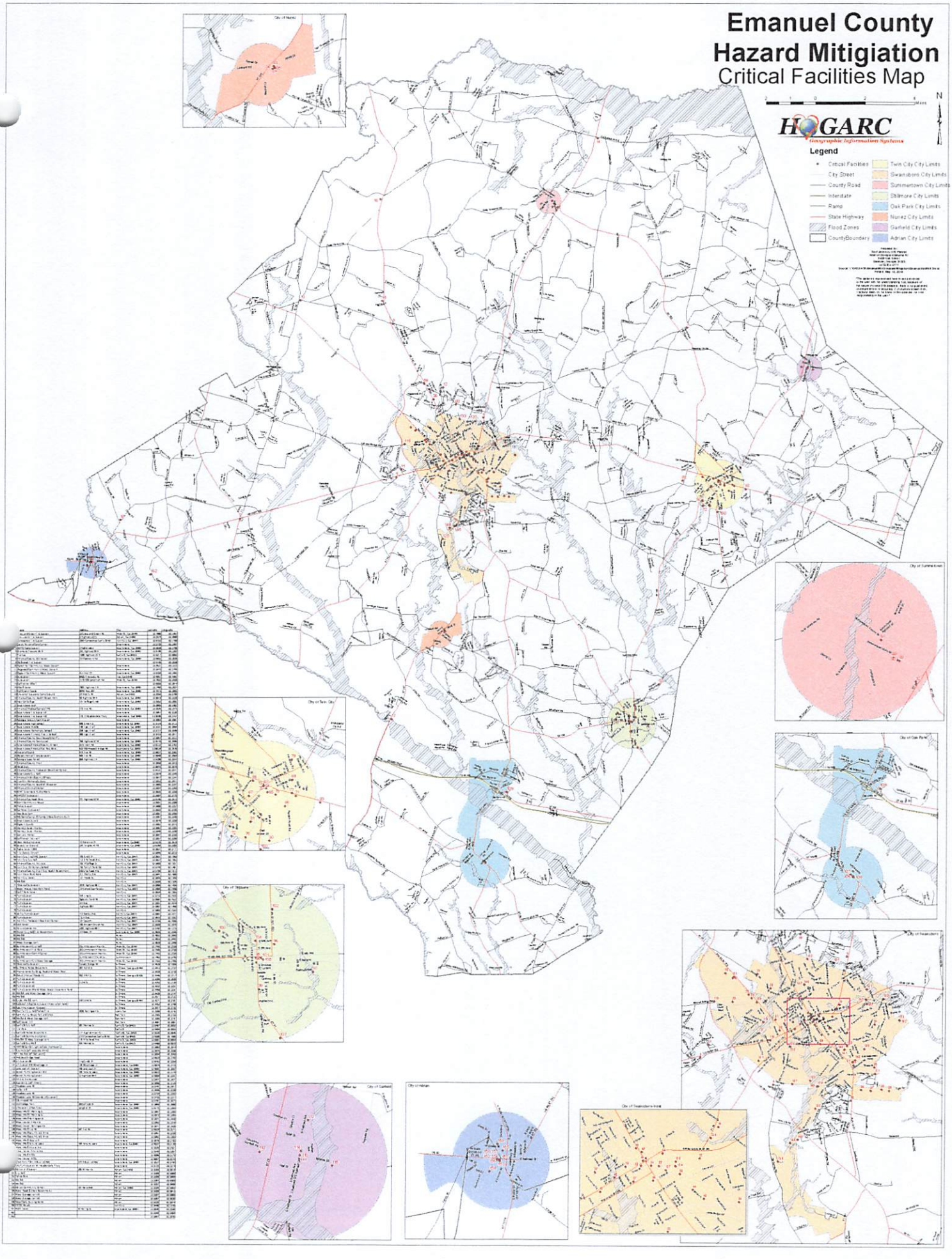
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

MAPS

Emanuel County Hazard Mitigation

Critical Facilities Map



City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	O.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

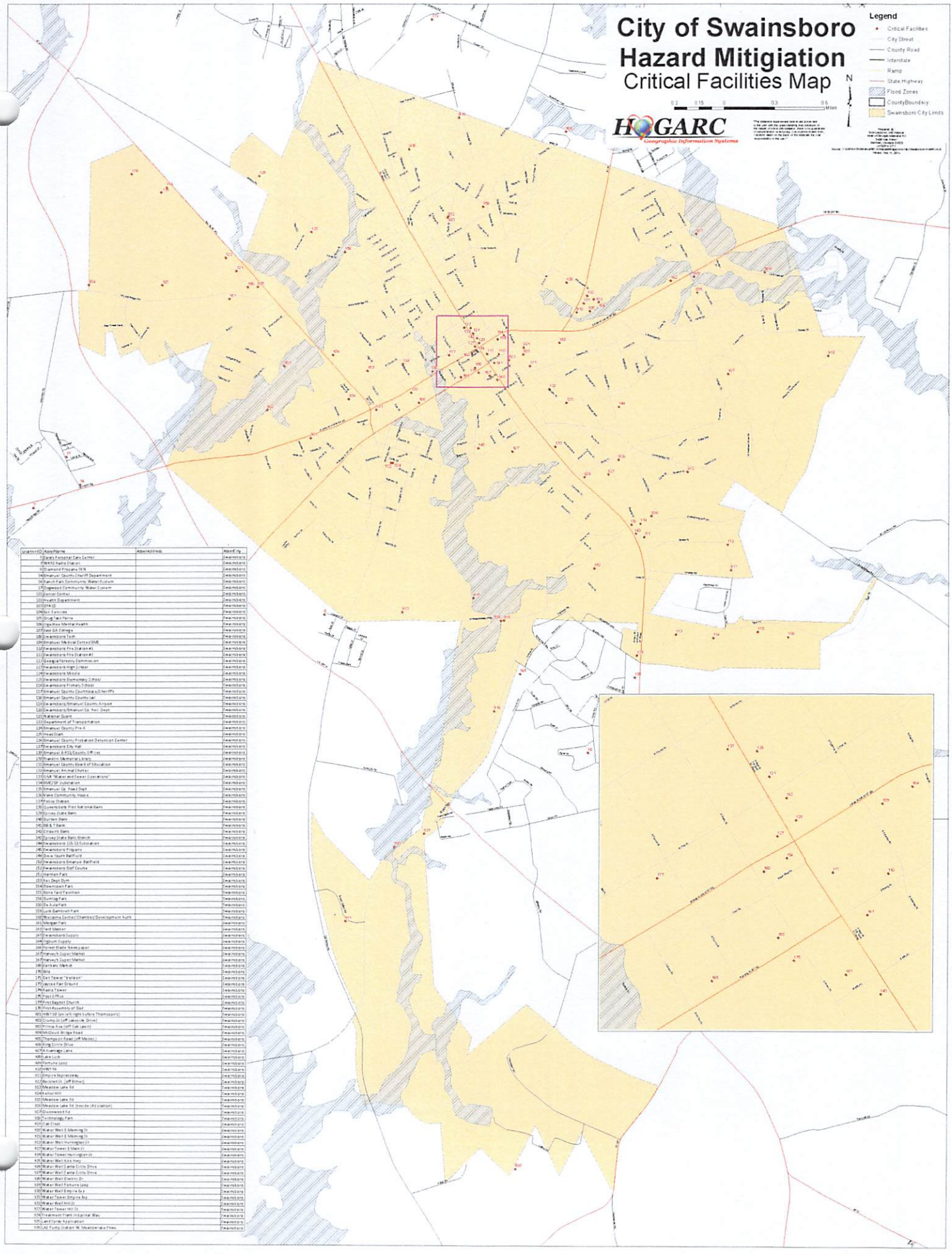
HOGARC
Geographic Information Systems

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

City of Swainsboro Hazard Mitigation

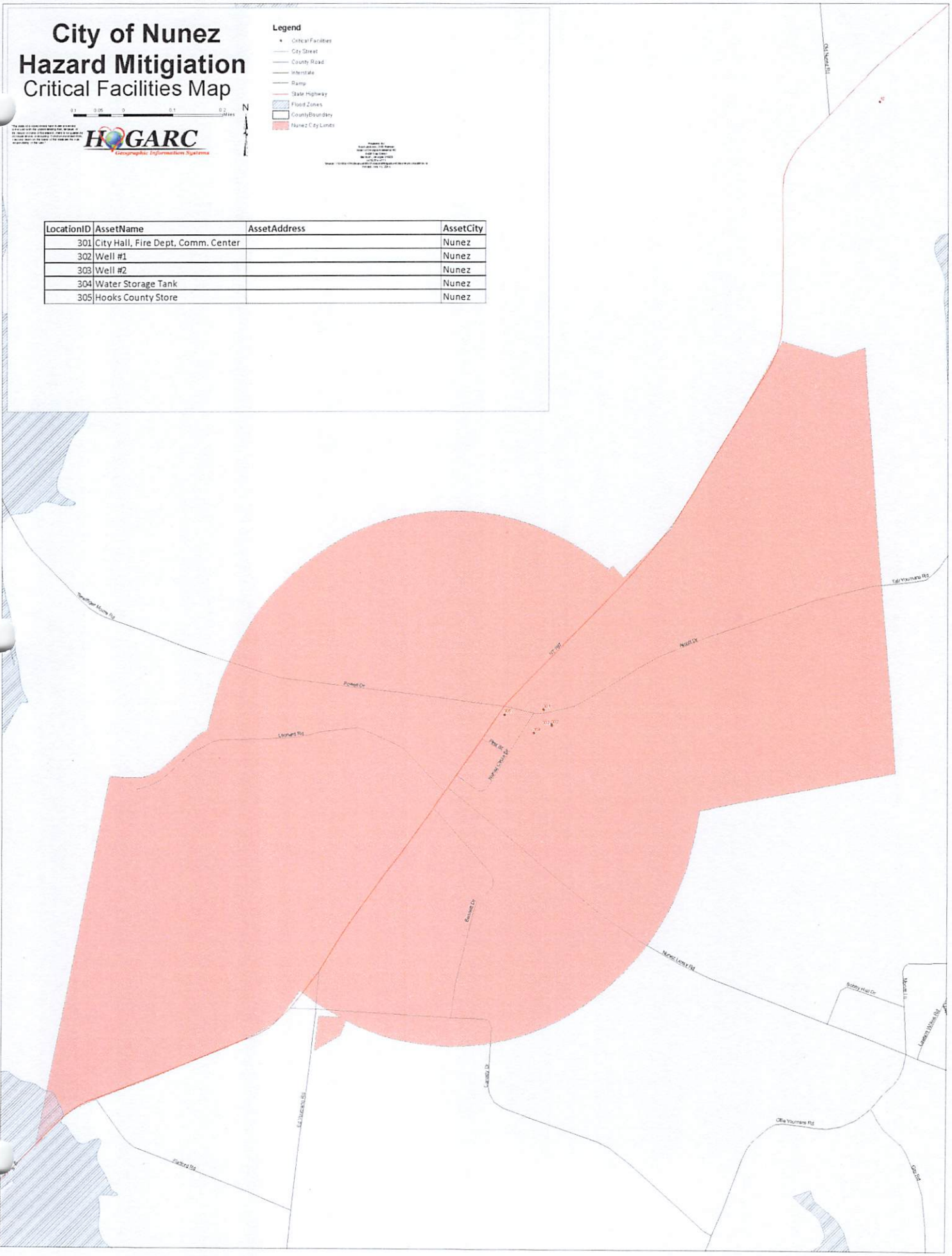
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Early Perinatal Care Center		Swainsboro
2	WKNG Radio Station		Swainsboro
3	Edmond Propane Of N		Swainsboro
4	Emanuel County Sheriff Department		Swainsboro
5	Ranch Park Community Water System		Swainsboro
6	Edgewood Community Water System		Swainsboro
7	Senior Center		Swainsboro
8	Health Department		Swainsboro
9	WSFA-FD		Swainsboro
10	Bo's Services		Swainsboro
11	Drug Task Force		Swainsboro
12	Daystar Mental Health		Swainsboro
13	East GA College		Swainsboro
14	Swainsboro Tech		Swainsboro
15	Emanuel Medical Center/EMS		Swainsboro
16	Swainsboro Fire Station #1		Swainsboro
17	Swainsboro Fire Station #2		Swainsboro
18	Georgia Forestry Commission		Swainsboro
19	Swainsboro High School		Swainsboro
20	Swainsboro Middle		Swainsboro
21	Swainsboro Elementary School		Swainsboro
22	Swainsboro Primary School		Swainsboro
23	Emanuel County Courthouse/Sheriff's		Swainsboro
24	Emanuel County Jail		Swainsboro
25	Swainsboro/Emanuel County Airport		Swainsboro
26	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
27	National Guard		Swainsboro
28	Department of Transportation		Swainsboro
29	Emanuel County Pre-K		Swainsboro
30	Head Start		Swainsboro
31	Emanuel County Probation Detention Center		Swainsboro
32	Swainsboro City Hall		Swainsboro
33	Emanuel E-911/County Offices		Swainsboro
34	Hamilton Memorial Library		Swainsboro
35	Emanuel County Board of Education		Swainsboro
36	Emanuel Animal Shelter		Swainsboro
37	GA DNR "Water and Sewer Operations"		Swainsboro
38	AT&T/CSP Substation		Swainsboro
39	Emanuel Co. Road Dept		Swainsboro
40	Wayne Community Hosp.		Swainsboro
41	Police Station		Swainsboro
42	Queensboro First National Bank		Swainsboro
43	Screven State Bank		Swainsboro
44	Ourisk Bank		Swainsboro
45	BB & T Bank		Swainsboro
46	Citizens Bank		Swainsboro
47	Screven State Bank Branch		Swainsboro
48	Swainsboro 115-13 Substation		Swainsboro
49	Swainsboro Projects		Swainsboro
50	Dave Youth Ballfield		Swainsboro
51	Swainsboro Emanuel Ballfield		Swainsboro
52	Swainsboro Golf Course		Swainsboro
53	Sherman Park		Swainsboro
54	Rec Dept Gym		Swainsboro
55	Downtown Park		Swainsboro
56	Gloria Yard Pavilion		Swainsboro
57	Cuming Park		Swainsboro
58	Da Kula Park		Swainsboro
59	Lura Gambrell Park		Swainsboro
60	Welcome Center/Chamber/Development Auth.		Swainsboro
61	Morgan Park		Swainsboro
62	Yard Master		Swainsboro
63	Swainsboro Supply		Swainsboro
64	Coburn Supply		Swainsboro
65	Forest State Newspaper		Swainsboro
66	Harvey's Super Market		Swainsboro
67	Harvey's Super Market		Swainsboro
68	Sanitary Market		Swainsboro
69	Dairy		Swainsboro
70	Cell Tower "Verizon"		Swainsboro
71	Jaycee Fair Ground		Swainsboro
72	Radio Tower		Swainsboro
73	Post Office		Swainsboro
74	First Baptist Church		Swainsboro
75	First Assembly of God		Swainsboro
76	Well (on left right before Thompson's)		Swainsboro
77	County St (off Lakeside Drive)		Swainsboro
78	Prince Ave (off Oak Lawn)		Swainsboro
79	McCloud Bridge Road		Swainsboro
80	Thompson Road (off Mercer)		Swainsboro
81	King Circle Drive		Swainsboro
82	Fairgrounds Lane		Swainsboro
83	Lake Loch		Swainsboro
84	Fortune Loop		Swainsboro
85	HWY 56		Swainsboro
86	Empire Expressway		Swainsboro
87	Beckham St. (off Elmer)		Swainsboro
88	Meadow Lake Rd		Swainsboro
89	Water Hill		Swainsboro
90	Meadow Lake Rd		Swainsboro
91	Meadow Lake Rd (beside AG station)		Swainsboro
92	Greenwood Rd		Swainsboro
93	Technology Park		Swainsboro
94	Tar Creek		Swainsboro
95	Water Well 5 Manning Dr		Swainsboro
96	Water Well 6 Manning Dr		Swainsboro
97	Water Well Huntington Dr		Swainsboro
98	Water Tower 5 Main St		Swainsboro
99	Water Tower Huntington Dr		Swainsboro
100	Water Well Kite Hwy		Swainsboro
101	Water Well Santa Circle Drive		Swainsboro
102	Water Well Santa Circle Drive		Swainsboro
103	Water Well Electric Dr		Swainsboro
104	Water Well Fortune Loop		Swainsboro
105	Water Well Empire Exp		Swainsboro
106	Water Tower Empire Exp		Swainsboro
107	Water Well Hill Dr		Swainsboro
108	Water Tower Hill Dr		Swainsboro
109	Treatment Plant Industrial Way		Swainsboro
110	Land Spray Application		Swainsboro
111	Lift Pump Station W. Meadowlake Pkwy		Swainsboro

City of Nunez Hazard Mitigation

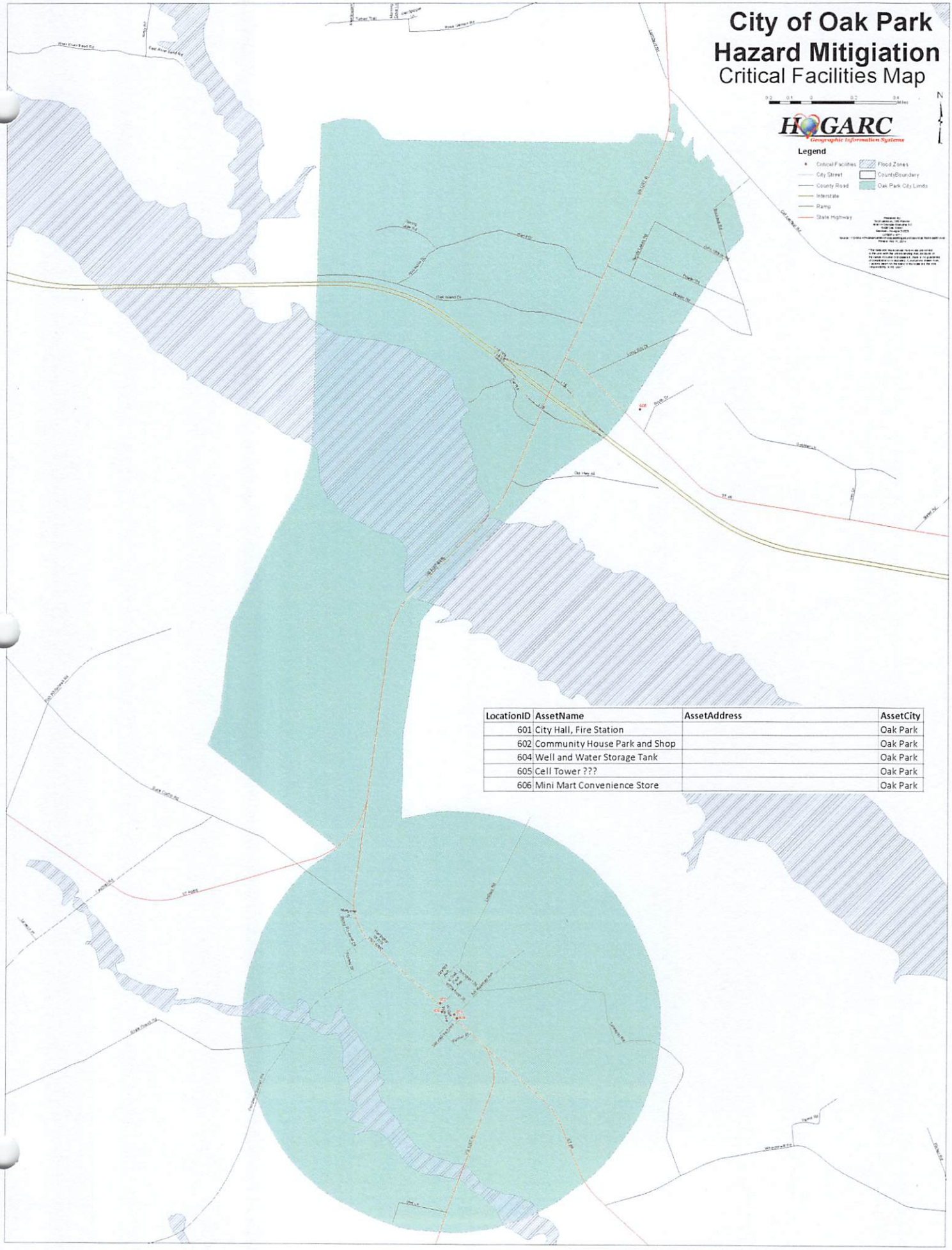
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

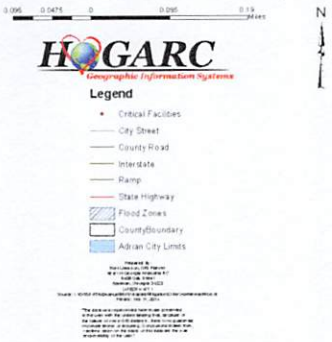
City of Oak Park Hazard Mitigation

Critical Facilities Map

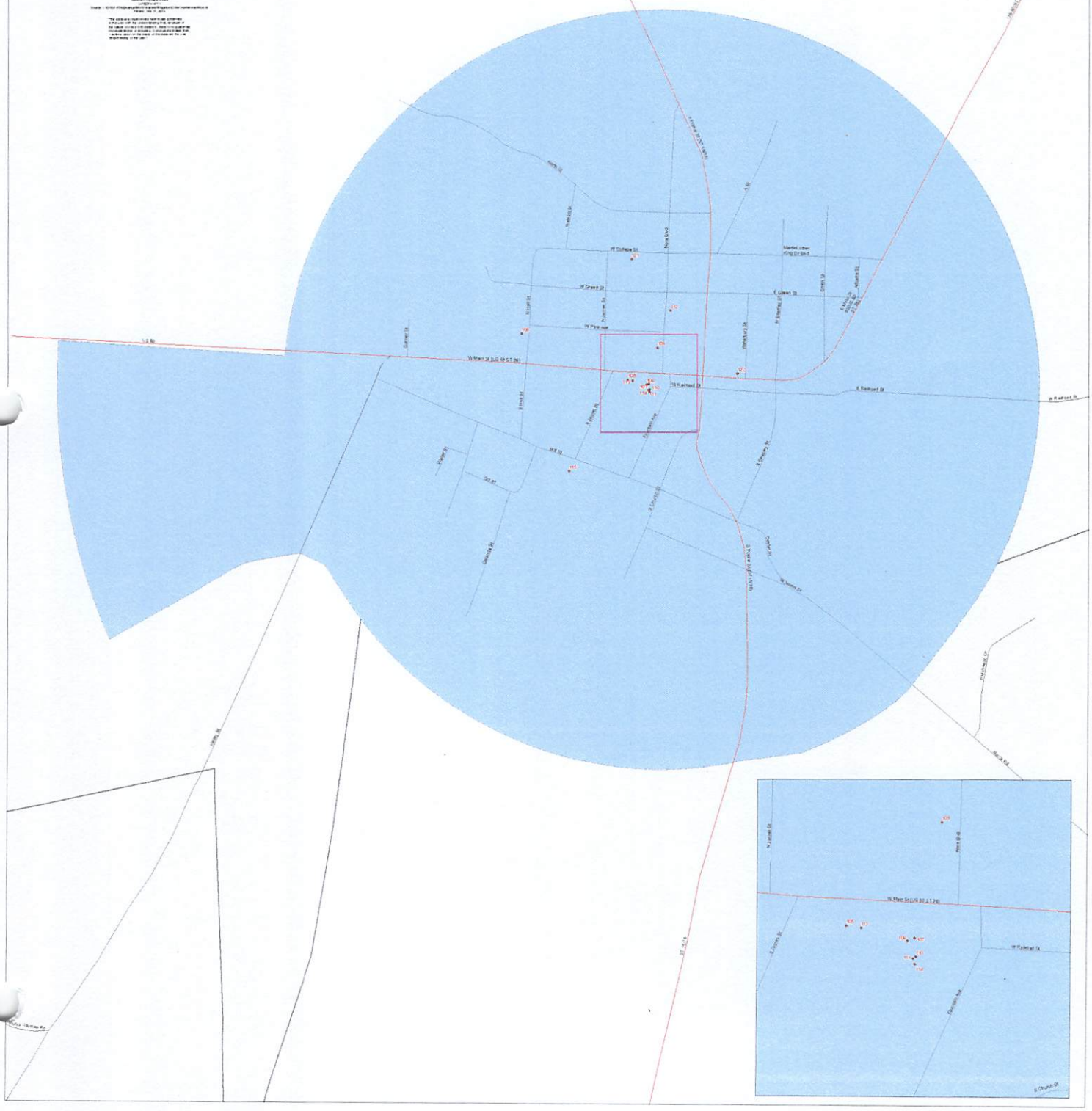


LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigiation
Critical Facilities Map

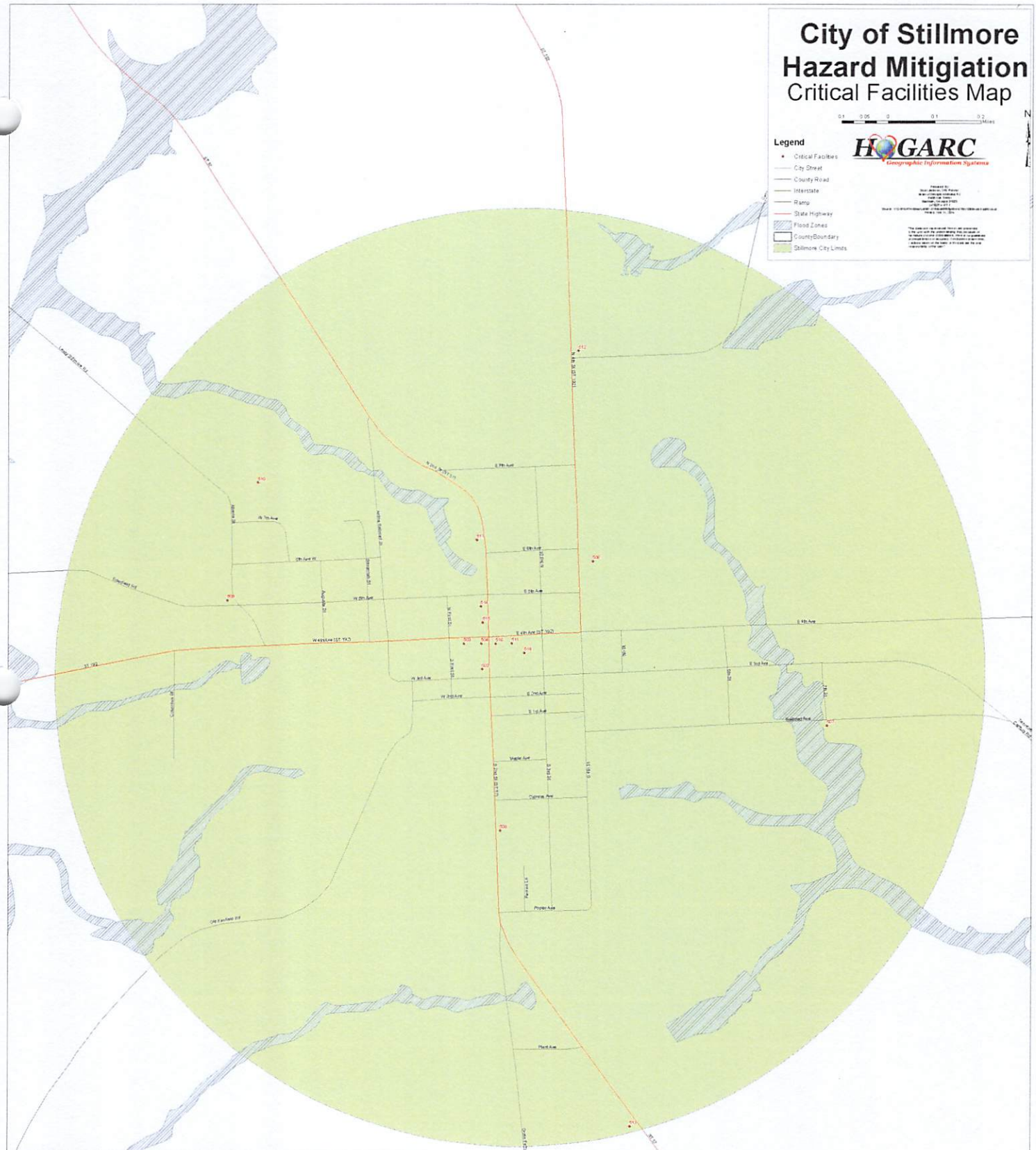


ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian



City of Stillmore Hazard Mitigiation

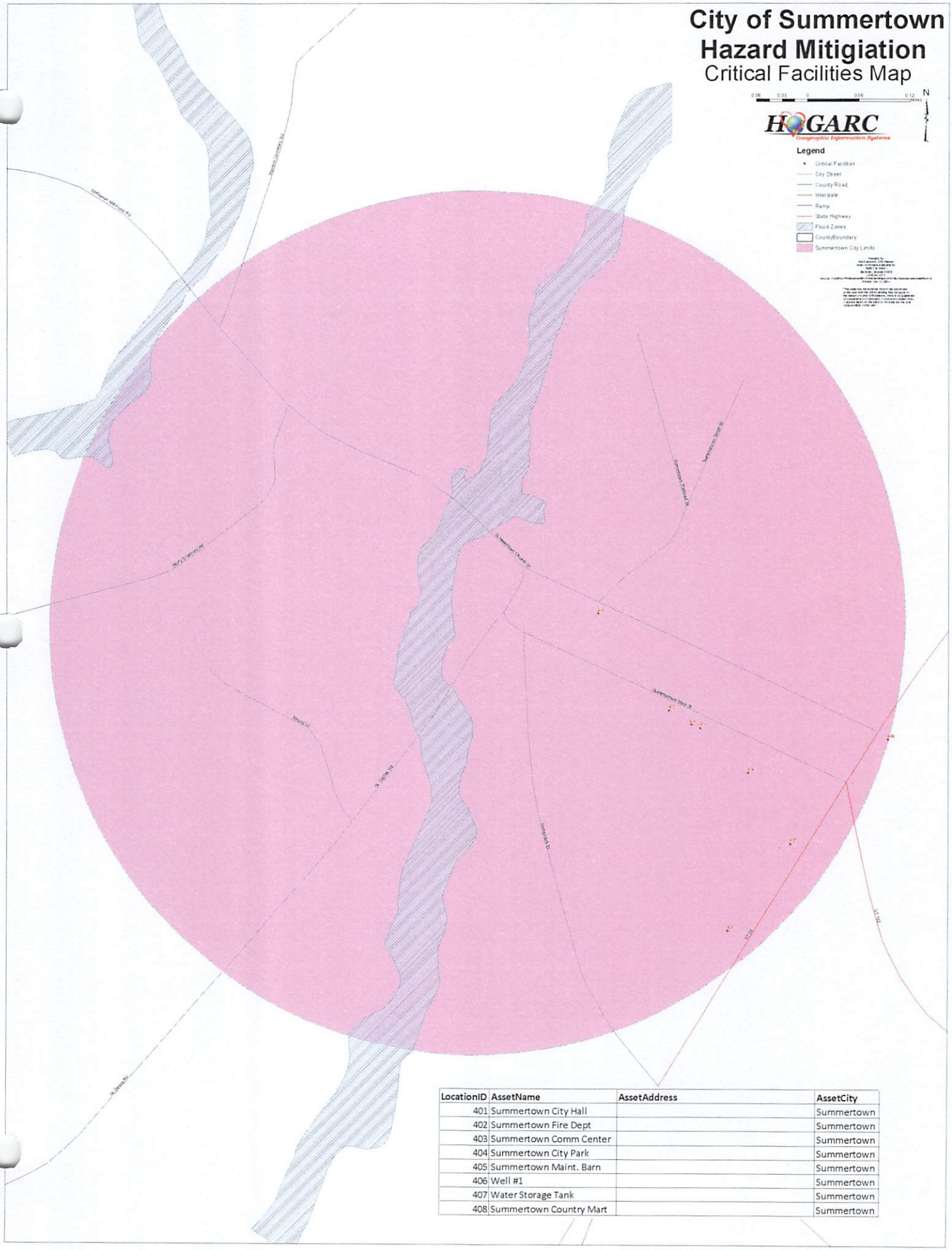
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Cider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Materials on Hand)		Stillmore
518	Communication Repeater		Stillmore

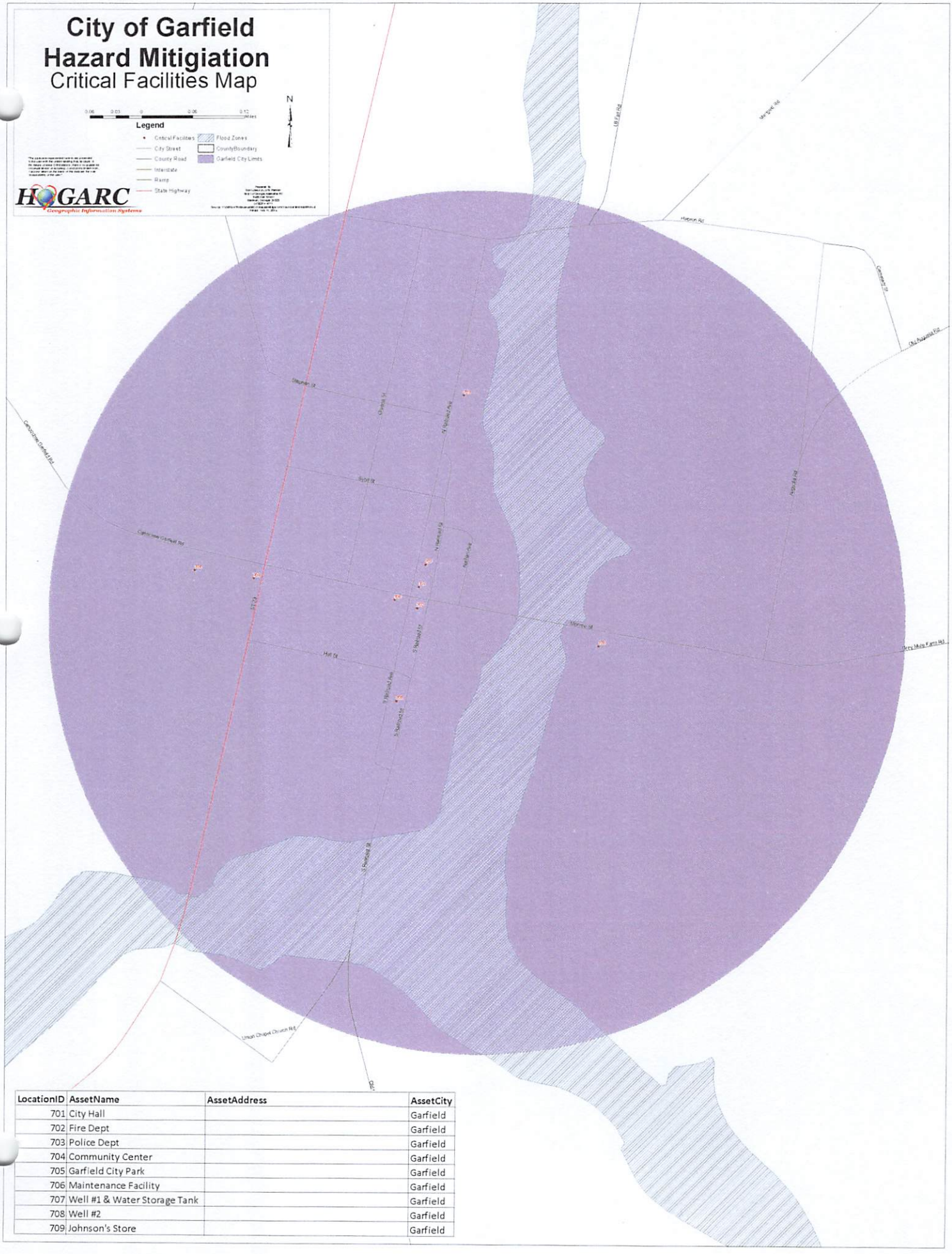
City of Summertown Hazard Mitigiation

Critical Facilities Map

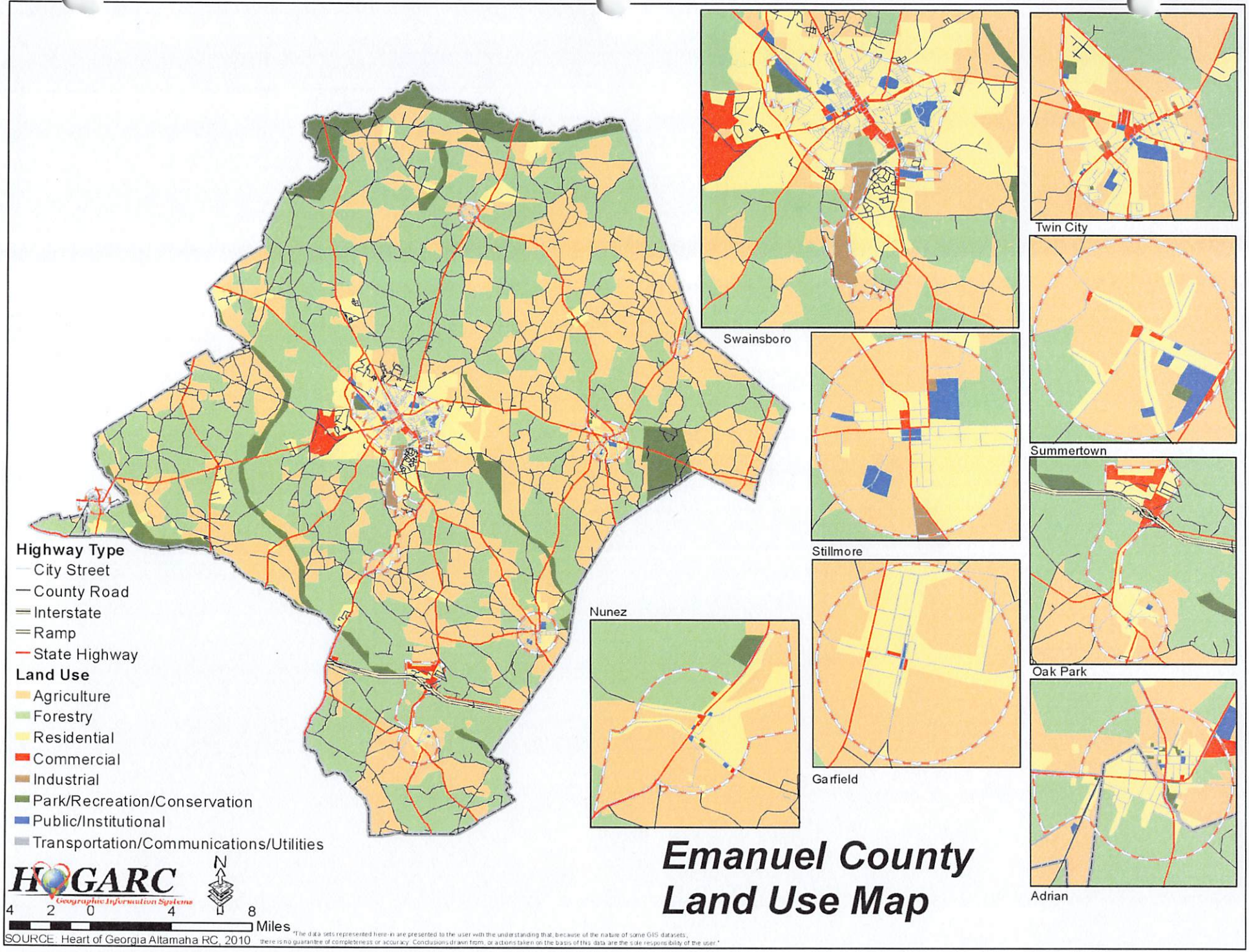


LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield
Hazard Mitigiation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield


Swainsboro
Twin City
Summertown
Stillmore
Nunez
Garfield
Oak Park
Adrian
Highway Type
City Street
County Road
Interstate
Ramp
State Highway
Land Use
Agriculture
Forestry
Residential
Commercial
Industrial
Park/Recreation/Conservation
Public/Institutional
Transportation/Communications/Utilities
HOGARC
Geographic Information Systems
N
4 2 0 4 8
Miles
SOURCE: Heart of Georgia Altamaha RC, 2010
"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."
Emanuel County
Land Use Map

GEMA WORKSHEET 3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores

Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

TRI Factsheet

Facility	Releases (lbs)	RSEI Score	Waste Managed (lb	Pollution Prevention Activities
CRIDER INC - STILLMORE-30464CRDRSPLANT	500	0	500	0
INTERFOR US INC SWAINSBORO DIV-3040WNTRFR8796H	26,360	0	26,917	0

PHMSA Data

Report Number	Multiple Rows Per Incident	Carrier Reporter Name	Incident Route	Incident City	Incident State	Date Of Incident	Incident Time	Quantity Released	Unit Of Measure	Identification Number	Commodity Long Name	Hazardous Class	Total Hazmat Fatalities	Total Damages	Shipper Name	Origin City	Mode Of Transportation	Identification Marking	Cont1 Material Of Construction	Cont1 Packaging Type	Cont1 Package Capacity	Cont1 Package Capacity Uom	Cont1 Shipment Nbr	Cont1 Pkg Shipment Nbr Failed	Cont2 Package Capacity Reported	Cont2 Shipment Nbr	Cont2 Pkg Shipment Nbr Failed	What Failed	How Failed	Causes of Failure	Event Description	Serious Bulk Release	Serious Evacuations	Fatalities Indicator	Hazmat Injury Indicator	Major Artery Closed	Serious Radioactive	Incident Result
E-2005120068	No	CTL Distribution, Inc	Hwy 165 & SR 57	STILLMORE	GA	12/10/2005	1000	10	LGA	UN1993	FLAMMABLE LIQUIDS, N.O.S.	3	0	0	Arizona Chemical		Highway	MC307 (Highway)			7000	LGA	1	1	0	0	0	Washout	Leaked	Loose Closure, Component, or Device	observed loss of trailer wash out cap and	No	No	No	No	No	No	No	Soil Spill
I-1990080317	No	ASSOCIATED PETROLEUM CARRIERS	US 297 & I 16	NUNEZ	GA	7/31/1990	615	3456	LGA	UN1999	TAR LIQUID INCLUDING ROAD OILS AND CUTBACK	3	0	17919	AMERICAN OIL CO		Highway				0		1	1	0	0	0				WAS TRAVELING ON I-16, NEAR NUEZ.	No	Yes	No	No	No	No	No	Soil Spill
I-1991030648	No	FLEET TRANSPORT CO INC	HWY 46	METTER	GA	2/5/1991	2200	1250	LGA	NA1993	FUEL OIL, NO. 1, 2, 4, 5, OR 6	2	0	42851	PHILLIPS CHEMICAL CO		Highway				9200	LGA	1	1	0	0	0		Overfilled		UNLOADING THE REAR COMPARTMENT	No	Yes	No	No	No	No	No	Soil Spill, Environmental Damage
I-1991080970	No	FLEET TRANSPORT CO INC	331 MABEL AVE	SWAINSBORO	GA	8/16/1991	830	600	LGA	UN1255	NAPHTHA - PETROLEUM	2	0	5800	UNION OIL CO OF CALIFORNIA		Highway				50000	LGA	1	1	0	0	0	Auxiliary Valve; Pelgor Fittings	:	Vehicular Crash or Accident Damage;	DRIVER CUT TOO CLOSE TO A DITCH NEAR THE	No	Yes	No	No	No	No	No	Soil Spill
I-1999050967	No	MCKENZIE TANK LINES INC	249 MARBLE AVE	SWAINSBORO	GA	5/7/1999	815	5	LGA	UN1299	TURPENTINE	3	0	2	DOMINC	NEWARK	Highway				7150	LGA	1	1	0	0	0				MADE CONNECTION FROM CARGO	No	No	No	No	No	No	No	Soil Spill
I-2006010827	No	SOUTHEASTERN FREIGHT LINES	914 EMPIRE PKWY	SWAINSBORO	GA	1/6/2006	1100	3	SLB	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9	0	0	CERTAINTEED GYPSUM		Highway	UNAVAILABLE			0		0	0	0	0	0					No	No	No	No	No	No	No	Soil Spill
I-2015090707	No	UNITED PARCEL SERVICE CO	152 E MEADOWLAKE PKWY	SWAINSBORO	GA	8/25/2015	700	0.039062	LGA	UN3149	HYDROGEN PEROXIDE AND PEROXYACETIC	5.1	0	0	MARCOR		Highway		Fiberboard	Box	8.125	LGA	1	1	0	0	0	Closure (e.g., Cap, Top, or Plug)	Leaked	Corrosion - Exterior	UNLOADED OUT OF TRAILER PKG TATED	No	No	No	No	No	No	No	Soil Spill

EPD HSI
Inventory

List of Sites on HSI by County

HSI ID	Site Name	Site County
10022	Baxley Creosoting Company	Appling
10221	Akzo Coatings (Former)	Appling
10202	McCranie Brothers Wood Preserving	Atkinson
10720	Alma - Radio Station Road MSWLF	Bacon
10385	Baldwin County Sanitary Landfill	Baldwin
10799	Concord Fabrics, Inc.	Baldwin
10274	Speedway SR 324 Landfill	Barrow
10512	Georgia Classic Cleaners	Barrow
10924	Amrep, Inc. - Cartersville	Bartow
10283	Ben Hill County - Joshlyn Road MSWL	Ben Hill
10192	Berrien Products	Berrien
10643	Berrien County Landfill	Berrien
10027	Graphic Packaging International, Inc.	Bibb
10043	Southern Wood Piedmont - Central of Georgia Railroad	Bibb
10167	Macon Naval Ordnance Landfill (Former) - NPL Site	Bibb
10294	Walker Road Landfill (formerly 11th Street Landfill)	Bibb
10308	Allied Industrial Park - NPL Site	Bibb
10402	Central of Georgia Railroad Company - Macon Site	Bibb
10502	Transco Railcar Facility (Former)	Bibb
10511	Macon MGP Site	Bibb
10524	Wheelers Manufacturing Company, Inc.	Bibb
10737	Atlantic Cotton Mills	Bibb
10779	Mercer University Triangle	Bibb
10951	Armstrong World Industries (Macon Plant) - NPL Site	Bibb
10467	Bleckley County Municipal Landfill	Bleckley
10645	Quitman - SR 333 Landfill	Brooks
10646	Bryan County - US 280 Mill Creek MSWLF	Bryan
10391	Statesboro/Bulloch County Lakeview Rd. Landfill	Bulloch
10573	Louisiana Pacific Corp. - Statesboro	Bulloch
10739	Daniel Measurement and Control, Inc.	Bulloch
10188	Atlas Chemical Company	Burke
10322	Waynesboro Old City Dump	Burke
10450	Burke County Landfill	Burke
10614	Legion Industries	Burke
10278	Butts County - Brownlee Road Landfill	Butts
10854	Calhoun County SR 45 Morgan (SL)	Calhoun
10093	U.S. Naval Submarine Base, Kings Bay	Camden
10647	Camden County Vacuna Road LF	Camden
10711	Candler County S.R. 121 Metter # 021-001D(SL)	Candler

List of Sites on HSI by County

HSI ID	Site Name	Site County
10060	Southwire - Copper Division	Carroll
10061	Southwire - Wire & Cable Division	Carroll
10360	Douglas & Lomason Company	Carroll
10413	Muse Scrap Metals	Carroll
10648	Carroll County / Carrollton SR 166 LF	Carroll
10780	Dixie/Candlewick Hurst Yarn Mill (Former)	Catoosa
10218	Union Camp Corp - DBA Thomas Treating	Charlton
10003	CSX Transportation - Savannah (Tremont Road)	Chatham
10018	Atlantic Wood Industries	Chatham
10045	Colonial Terminals, Plant #1	Chatham
10091	Travis Field/Savannah International Airport	Chatham
10095	Central of GA RR/Bernuth-Lembcke Site	Chatham
10098	Colonial Terminals, Plant #2	Chatham
10114	Union Camp Corp - Former Amoco Property	Chatham
10128	Atlanta Gas Light Company - Savannah MGP Site	Chatham
10162	Ashland Chemical Company	Chatham
10179	Deptford Tract Landfill	Chatham
10208	139 Brampton Road	Chatham
10241	Union Camp Corp - Allen Blvd Landfill	Chatham
10351	ARAMARK Uniform Services	Chatham
10371	Southern States Phosphate & Fertilizer Co.	Chatham
10372	Truman Parkway, Phase II	Chatham
10395	Hunter Army Airfield, Fire Training Area	Chatham
10406	McKenzie Tank Lines, Inc.	Chatham
10415	Savannah Electric - Plant Kraft	Chatham
10440	Blue Ribbon Dry Cleaners	Chatham
10464	Vopak Terminal Savannah	Chatham
10497	Savannah Dry Cleaners	Chatham
10521	Hunter Army Airfield - MCA Barracks	Chatham
10553	Georgia Air National Guard/Savannah/Site 8	Chatham
10579	Abercorn & Largo Development	Chatham
10590	Central of Georgia Railroad Company - Battlefield Park	Chatham
10591	Southern Motors of Savannah, Inc.	Chatham
10611	CSXT Depriest Signal Shop	Chatham
10641	Tronox/Kerr McGee Pigments, Inc. (Former)	Chatham
10649	Chatham County Landfill	Chatham
10696	Hercules, Inc.	Chatham
10698	Norfolk Southern - Natrochem, Inc., Site	Chatham
10788	Southside Cleaners	Chatham
10789	Dry Clean, USA	Chatham
10849	Toto Distribution (Former)	Chatham
10867	Coastal Concrete, Inc.	Chatham
10903	Hunter Army Airfield/TCE Plume	Chatham
10905	CSXT Property on Feeley Avenue	Chatham
10919	2217 West Bay Street	Chatham
10454	Chattooga County - Penn Bridge Rd Ph 1 (SL) MSWL	Chattooga
10650	Cherokee County - Blalock Road Landfill	Cherokee
10052	Georgia Power - Athens Foundry Street Property	Clarke
10153	Atlanta Gas Light Company - Athens MGP Site	Clarke
10269	University of Georgia - Milledge Avenue Site	Clarke

List of Sites on HSI by County

HSI ID	Site Name	Site County
10277	Athens-Clarke County - Dunlap Rd (SL) MSWL	Clarke
10354	Barnett Shoals Road	Clarke
10355	General Time Corporation	Clarke
10376	Loef Company, Inc. (The)	Clarke
10491	Athens/Clarke Co. Willow Street Landfill & Incinerator	Clarke
10009	U.S. Army - Fort Gillem - North Landfill Area	Clayton
10392	Clayton Co. SR3- Lovejoy Site #2 MSWL	Clayton
10583	Pavilion Cleaners, Riverdale Mall	Clayton
10798	Tara Shopping Center	Clayton
10808	Lowe's Home Improvement Warehouse	Clayton
10816	Rolling Hills Landfill	Clayton
10944	U.S. Army - Fort Gillem - Southeast Burial Site	Clayton
10005	G. C. Lee Site	Clinch
10032	Brockway Standard - Homerville Plant	Clinch
10140	Union Timber	Clinch
10157	Manor Timber Company	Clinch
10191	Barlow Creosote	Clinch
10246	Morgan Post Treating Impoundment	Clinch
10275	Clinch County - Smith Road Landfill Phase 1 (SL)	Clinch
10115	Phibro-Tech (fka C P Chemicals)	Cobb
10116	Georgia Metals	Cobb
10146	Air Force Plant 6	Cobb
10271	Cheatham Road Landfill (Phase 2 Cobb County)	Cobb
10333	Apollo Industries, Inc.	Cobb
10427	Vulcan Performance Chemicals (Former)	Cobb
10466	Baychem, Inc.	Cobb
10505	Station at Vinings (The)	Cobb
10508	Aladdin Cleaners	Cobb
10513	Circle K Store #5259	Cobb
10518	North Park Pavilion Shopping Center	Cobb
10519	Fabricare Cleaners	Cobb
10538	Flags Village Shopping Center	Cobb
10695	Junction Cleaners	Cobb
10790	Love Your Clothes Cleaners	Cobb
10792	Amrep, Inc. - Marietta	Cobb
10813	Franklin Street Site	Cobb
10814	Jack's Cleaners	Cobb
10824	HTC Group LLC	Cobb
10869	Kemira Chemicals, Inc. Marietta Facility	Cobb
10872	Hock's One Hour Martinizing/Embassy Cleaners	Cobb
10922	One Hour Martinizing Cleaners (Former)	Cobb
10927	Westside Cleaners (former)	Cobb
10939	Noble Cleaners (Former)	Cobb
10941	US Cleaners	Cobb
10025	GA Dept of Trans - Dist 4 Main HQ (Former)	Coffee
10651	Coffee County Landfill	Coffee
10205	Moultrie Wood Preserving Company	Colquitt
10259	Farmers Favorite Fertilizer	Colquitt
10452	Colquitt Co. - CR 15, Sunset, Phase I MSWLF	Colquitt
10509	Swift Meat Processing Plant	Colquitt
10627	Liberty Oil and Refining	Colquitt

List of Sites on HSI by County

HSI ID	Site Name	Site County
10838	Hydro Aluminum	Colquitt
10910	110 North Main Street	Colquitt
10384	J. Strom Thurmond Lake Airstrip #1	Columbia
10437	GIW Industries, Inc.	Columbia
10652	Columbia County - Baker Place Road MSWLF	Columbia
10875	Silverstein's Cleaners	Columbia
10311	Production Anodizing Corp./D.H. Farms	Cook
10635	Del Cook Lumber Company	Cook
10707	Specialty Stampings, L.L.C.	Cook
10090	Bon L Manufacturing Company	Coweta
10154	Douglas & Lomason Company	Coweta
10291	Coweta County Landfill - Ishman Ballard Rd Phase 1A	Coweta
10327	Palmetto Tire Fire	Coweta
10340	CPI Plastics, L.L.C.	Coweta
10586	Brown Steel Contractors - Broad Street Facility	Coweta
10912	Grantville Mill	Coweta
10719	Crawford County - SR 341 / Hopewell Road MSWLF	Crawford
10289	Cordele-Crisp City-County Landfill	Crisp
10782	Polymer Specialties, Inc.	Dade
10654	Dawson County Shoal Hole Road MSWL	Dawson
10053	BASF Catalysts, LLC- Attapulgus Operations	Decatur
10126	U.S. Army Corps of Engineers Airstrip (current)	Decatur
10858	Decatur County SR 309 MSWL	Decatur
10072	General Electric - Apparatus Service Center	Dekalb
10147	Ashland Chemical Company	Dekalb
10481	Hickson Corporation - CCA Production Facility	Dekalb
10499	Eagle Rockbridge Shopping Center	Dekalb
10612	Dettelbach Pesticide Warehouse Site	Dekalb
10830	Chemical Specialists and Development, Inc.	Dekalb
10884	JNV Investments Group (f.k.a Professional Cleaners)	Dekalb
10890	B&L Discount Auto	Dekalb
10897	Rita's Dry Cleaners	Dekalb
10920	George's Cleaners (Former)	Dekalb
10936	Brown and Brown Wrecker Service	Dekalb
10942	Nelms Drive Landfill	Dekalb
10945	Master Kleen Site (Former)	Dekalb
10656	Dooly County - CR 101 MSWLF	Dooly
10024	TH Agriculture & Nutrition Company - NPL Site	Dougherty
10030	Turner Air Force Base (Former)	Dougherty
10059	Firestone Tire & Rubber Co. (Albany Plant)-NPL Site	Dougherty
10065	Merck & Company	Dougherty
10094	U.S. Marine Corps Logistics Base - NPL Site	Dougherty
10398	MacGregor Golf Company	Dougherty
10447	Dougherty Co. - Fleming Rd. MSW Landfill	Dougherty
10577	Albany Warehouse Company Site	Dougherty

List of Sites on HSI by County

HSI ID	Site Name	Site County
10736	Albany MGP, Former	Dougherty
10768	147 East Broad Avenue	Dougherty
10818	Estech General Chemicals Albany	Dougherty
10837	Trinity Dry Cleaners	Dougherty
10946	Albany Theater	Dougherty
10123	Arivec Chemicals	Douglas
10151	Signal Energy Holdings (Former Young Refining)	Douglas
10337	Wallace Lake Road Dump	Douglas
10495	5998 Fairburn Road - Dry Cleaners	Douglas
10657	Douglas County Landfill - Cedar Mt/Worthan Rd Phase 1	Douglas
10693	Basket Creek Drum Disposal Site	Douglas
10428	Home Oil	Early
10658	Blakely - Howell Street / Pit Road MSWLF	Early
10713	Effingham County - SR 17 MSWLF	Effingham
10008	CSX Transportation - Middleton Derailment	Elbert
10200	Martin Fireproofing Georgia, Inc.	Elbert
10659	Elbert County Landfill	Elbert
10660	Emanuel Co. - SR 297 Swainsboro (SL)	Emanuel
10703	Swainsboro Electro Plating, Inc.	Emanuel
10661	Fannin County Landfill	Fannin
10451	Fayette County - 1st Manassas Mile Road MSWLF	Fayette
10012	Fox Manufacturing Company	Floyd
10046	General Electric Company	Floyd
10068	Rummel Fibre Company	Floyd
10404	Celanese Fiber Company	Floyd
10474	Bekaert Corporation	Floyd
10738	O'Neill Manufacturing, Inc.	Floyd
10843	Floyd County - Berryhill Road Sanitary Landfill	Floyd
10893	Best Manufacturing Company,Armuchee Div	Floyd
10900	Spears Mattress Company	Floyd
10387	Hightower Road MSW Landfill - Phase 2	Forsyth
10662	Franklin County - Harrison Bridge Road MSWLF	Franklin
10077	1610 Southland Circle (fka "Indcon")	Fulton
10084	Southern Wood Piedmont - East Point	Fulton
10096	M&J Solvents Company	Fulton
10111	Scripto Plant & Office Complex (Former)	Fulton
10158	Johnson Controls	Fulton
10170	A&D Barrel & Drum Company	Fulton
10196	Estech General Chemicals	Fulton
10204	Metalplate Galvanizing Corp	Fulton
10276	Southern States Landfill	Fulton
10348	Bumper Distributors of Atlanta	Fulton
10367	Sun Laboratories of Atlanta	Fulton
10393	Tift Site	Fulton
10400	Whitehall Street Wire Burning Site	Fulton

List of Sites on HSI by County

HSI ID	Site Name	Site County
10422	Stephenson Chemical Company	Fulton
10441	Cascade Springs Dry Cleaner	Fulton
10443	Mindis Recycling-Shredding Division	Fulton
10459	Seaboard Industrial Blvd. Site	Fulton
10498	General Chemical Corporation	Fulton
10542	Roswell Station	Fulton
10547	Rayloc Facility	Fulton
10548	RentRite Property	Fulton
10594	Old National Shopping Center	Fulton
10637	Welcome Years, Inc.	Fulton
10663	Fulton County Landfill	Fulton
10690	Imperial Cleaners (Former)	Fulton
10732	National Smelting and Refining	Fulton
10740	Unitog Company Facility (Former)	Fulton
10747	Simmons Plating Works	Fulton
10758	Huntridge Shopping Center	Fulton
10778	ESB, Inc.	Fulton
10797	Weddington, James (Estate of)	Fulton
10810	Pineview Plaza Shopping Center	Fulton
10829	Square D Company (Former)	Fulton
10880	Dry Cleaning Depot	Fulton
10883	Roswell Cleaners & Coin Laundry	Fulton
10891	431 Vine Street - Vacant Lot	Fulton
10894	Bright Hour Trust Property	Fulton
10904	Carriage Cleaners (Former)	Fulton
10908	New Plaza Cleaners	Fulton
10932	Tropical Breeze Laundry	Fulton
10949	60 Minute Cleaners	Fulton
10664	Gilmer County SR 52 - Tower Road MSWLF	Gilmer
10839	Gibson - CR 50 Ph. 1 MSWLF	Glascock
10006	Hercules 009 Landfill - NPL Site	Glynn
10028	Escambia Treating Company - Brunswick (aka Brunswick Wood NP	Glynn
10058	Hercules	Glynn
10144	LCP Chemicals - NPL Site	Glynn
10242	Terry Creek Dredge Spoil Area- NPL site	Glynn
10251	Chemresol	Glynn
10282	4th Street Landfill (Brunswick Airport)	Glynn
10317	T Street Dump	Glynn
10587	STSE, Inc.	Glynn
10665	Glynn Co. - Cate Road C&D MSWLF	Glynn
10769	Lanier Plaza Shopping Center	Glynn
10804	Cork's Fabricare	Glynn
10885	Plant McManus Substation	Glynn
10909	Cotton Court Property (Lot 28)	Glynn
10476	Calhoun - Harris Rd. Phase 4 (L)	Gordon
10721	Cairo - 6th Avenue (SL) MSWLF	Grady
10479	Greene County - US 278 West MSWL	Greene
10063	Rockbridge Square Shopping Center	Gwinnett
10082	Univar USA Inc.	Gwinnett

List of Sites on HSI by County

HSI ID	Site Name	Site County
10137	York Casket Hardware (fka Piedmont Metals)	Gwinnett
10286	Button Gwinnett Landfill	Gwinnett
10292	Crymes Landfill	Gwinnett
10297	Ben Gober Landfill	Gwinnett
10515	Sechem, Inc.	Gwinnett
10523	American Amalgamated/Executive Dry Cleaners	Gwinnett
10636	One Hour Martinizing	Gwinnett
10716	Buford - McEver Road MSWLF	Gwinnett
10718	Sugar Hill - Appling Road MSWLF	Gwinnett
10756	Danfoss Maneurop Ltd.	Gwinnett
10776	Arthur C. Curtis Property	Gwinnett
10812	All Rental	Gwinnett
10819	VIP Cleaners (former)	Gwinnett
10844	North Berkeley Lake Road Site	Gwinnett
10863	Paper Mill Road Undeveloped Tract	Gwinnett
10874	Proctor Square Cleaners	Gwinnett
10892	Duluth Dry Cleaner (Former)	Gwinnett
10947	New Heritage Cleaners (Former)	Gwinnett
10950	River Oak Plaza Shopping Center	Gwinnett
10044	Mt Airy Wood Preserving Company	Habersham
10458	Habersham County Pea Ridge Road Landfill	Habersham
10826	Chase Road Property	Habersham
10270	Hall County - Allen Creek Sanitary Landfill	Hall
10559	Shade/Allied, Inc.	Hall
10759	Gainesville District Office Complex	Hall
10666	Haralson County Landfill (US 78 Bremen)	Haralson
10856	Harris County Hamilton Road E MSWL	Harris
10135	Monroe Auto Equipment Company (Tenneco)	Hart
10667	Hart County Landfill	Hart
10478	Heard Co. - Frolona Rd. MSWL	Heard
10141	Southern States	Henry
10668	West Asbury Road Phase II MSWL	Henry
10748	Shakerag Cleaners	Henry
10085	PPG Industries (former)	Houston
10180	Robins Air Force Base - NPL Site	Houston
10940	Star Cleaners (Former)	Houston
10477	Ocilla - SR 32 East MSWL	Irwin
10260	Griffith Oil Company	Jackson
10480	Jackson County - SR 82 North, Phase II MSWL	Jackson
10901	Roper Pump Company	Jackson
10948	Agri-Cycle	Jackson
10099	Alco Controls	Jeff Davis
10122	Amoco Fabrics & Fibers - Hazlehurst Mills	Jeff Davis
10304	Old City Landfill	Jeff Davis
10305	Old Hazlehurst Solid Waste Disposal Site	Jeff Davis

List of Sites on HSI by County

HSI ID	Site Name	Site County
10752	Jeff Davis - CR 20 MSWLF	Jeff Davis
10245	Oil Processing Corp (Former)	Jefferson
10669	Jefferson County - US 1 (Avera Rd) MSWLF	Jefferson
10760	Vantran Electric	Jefferson
10722	Johnson County - SR 15 Wrightsville Ph 2 (SL) MSWLF	Johnson
10438	Jones County Municipal Solid Waste Landfill	Jones
10494	Ruby Quarry Asphalt Plant Site	Jones
10057	General Tire - Aldora Plant	Lamar
10456	Barnesville-Goggins Road MSWL	Lamar
10670	Lamar County - Grove Street Extension MSWLF	Lamar
10751	Lanier County-Studstill Road MSWLF	Lanier
10324	Forstmann & Company, Inc. (TCE spill)	Laurens
10366	Forstmann & Company, Inc. (1,1-DCA Site)	Laurens
10386	Laurens County Municipal Solid Waste Landfill	Laurens
10401	Forstmann & Company, Inc. (Old Burn Pit)	Laurens
10472	Parker Hannifin Corp./Abex NWL Div.	Laurens
10671	Lee County - SR 32 MSWLF	Lee
10672	Liberty County - Limerick Road MSWLF	Liberty
10708	Busby Cleaners	Liberty
10921	Joy Dry Cleaners/Lee's Shopping Center	Liberty
10889	Lincoln County - CR 121/Prater Landfill	Lincoln
10015	Langdale Forest Products Corporation	Lowndes
10089	Southern Bag Corp	Lowndes
10113	Atlanta Gas Light Company - Valdosta MGP Site	Lowndes
10124	Perma-Fix of South Georgia (fka Chemical Conservation of Georgia)	Lowndes
10133	Chemical Specialties, Inc (CSI)	Lowndes
10346	SAFT America, Inc.	Lowndes
10453	Lowndes County-State Road 31 MSWL	Lowndes
10673	Valdosta - Wetherington Lane SWLF	Lowndes
10923	Rice Iron and Metals, Inc. (Former)	Lowndes
10925	Duck Barnes Dry Cleaners	Lowndes
10953	Care Environmental	Lowndes
10490	Lumpkin Co. - Barlow Rd. MSWL	Lumpkin
10446	Macon County SR 49 North MSWL	Macon
10215	Transcontinental Gas Pipe Line Corp - Comp. Station 130	Madison
10342	North Georgia Agricultural Services, Inc.	Madison
10388	Madison County Sanitary Landfill 2&3 (SL)	Madison
10021	Williams-Mesena Road Landfill	McDuffie
10199	Hoover Treated Wood Products	McDuffie
10543	United Technologies Automotive, Inc.	McDuffie
10675	McIntosh County - King Road MSWLF	McIntosh

List of Sites on HSI by County

HSI ID	Site Name	Site County
10715	Durand MSW Landfill	Meriwether
10029	Escambia Treating Company - Camilla - NPL Site	Mitchell
10070	Pelham Phosphate Company	Mitchell
10676	Mitchell County - SR 3A MSWLF	Mitchell
10485	Forsyth, Old Brent Rd. MSWL	Monroe
10389	Morgan County Municipal Solid Waste Landfill	Morgan
10815	Hometown Cleaners (Former)	Morgan
10677	Murray County - US 411 Westside MSWLF	Murray
10112	U.S. Army - Fort Benning (FBSB-86)	Muscogee
10288	Columbus Municipal Landfill	Muscogee
10382	GNB Technologies, Inc.	Muscogee
10486	Orkin Pest Control	Muscogee
10933	E. Cohn Property (Former)	Muscogee
10954	Bradley Circle Properties/Bradley Circle Landfill (Former)	Muscogee
10678	Newton County - Lower River Road MSWL	Newton
10926	Guardian Automotive Corporation (dba SRG Global Covington)	Newton
10048	American Linen Supply Company (former)	Oconee
10206	Murrow Brothers Delinting Waste	Oconee
10855	Paulding County - Gulledge Road MSWL	Paulding
10019	Powersville Landfill - NPL Site	Peach
10062	Woolfolk Chemical Works - NPL Site	Peach
10152	Peach Metal Industries	Peach
10457	Houser's Mill Road MSWLF	Peach
10510	Star Laundry, Inc. (Fabracare)	Peach
10750	Vienna Street Dump	Peach
10817	Klouda Estate	Peach
10952	AAA Asphalt Products, Inc.	Peach
10679	Pickens Co. - Jones Mountain Road Westside MSWLF	Pickens
10680	Pierce County - SR 121 MSWLF	Pierce
10956	Ace Pole Company	Pierce
10928	Pike County - County Farm Road MSWL	Pike
10020	Henkel Site	Polk
10092	Cedartown Municipal Landfill - Former NPL Site	Polk
10106	Cedartown Battery Site	Polk
10310	Polk County Landfill	Polk
10330	Cedartown Industries - NPL Site	Polk
10765	Manchester Tank Company	Polk
10771	MENA Rockmart Facility	Polk
10772	Cedar Plaza Shopping Center	Polk
10886	Hawkinsville Cotton Mills (Former)	Pulaski
10172	A.I.D. Company, Division of Roller Bearing Company of America, Inc	Rabun
10281	Rabun Apparel (formerly Rabun Mills)	Rabun

List of Sites on HSI by County

HSI ID	Site Name	Site County
10484	Rabun Co. - Eastman Mountain Road Landfill	Rabun
10857	Randolph County Brooksville Road Ph 1 MSWL	Randolph
10017	Blackman Uhler Chemical Company	Richmond
10083	Southern Wood Piedmont - Augusta	Richmond
10132	Atlanta Gas Light Company - Augusta MGP Site	Richmond
10136	Monsanto Chemical Company - (former NPL Site)	Richmond
10145	Olin Corporation	Richmond
10365	Goldberg Brothers	Richmond
10378	Gravel Pit Road Ditch	Richmond
10620	Cherokee Shopping Center	Richmond
10640	K & D Cleaners (assoc. with Peach Orchard NPL)	Richmond
10701	Alternate Energy Resources - NPL Site	Richmond
10724	Taylor's Dry Cleaning (assoc. with Peach Orchard NPL)	Richmond
10730	One-Hour Cleanerizing (assoc. with Peach Orchard NPL)	Richmond
10744	Klemic Property / Augusta Ordnance Depot (Former)	Richmond
10840	Richmond County - Dean's Bridge Road	Richmond
10845	Lucky Cleaners (Former)	Richmond
10916	McTeer Food and Fuel	Richmond
10937	Occidental Chemical Corporation	Richmond
10165	Conyers Battery Exchange	Rockdale
10272	Miller Bottom Road Landfill	Rockdale
10734	C & D Technologies, Inc.	Rockdale
10766	Ram Leather Care	Rockdale
10911	DOT Sales and Supplies, Inc.	Rockdale
10860	Schley County CR 65 MSWL	Schley
10016	Ingersoll - Rand Sylvania Remediation (fka Torrington/Timken))	Screven
10390	Screven County Municipal Solid Waste Landfill	Screven
10352	Atlanta Gas Light Company - Griffin MGP Site	Spalding
10430	Rental Uniform Service of Griffin	Spalding
10448	Spalding County - Yamacraw Road MSWL	Spalding
10449	Griffin - Shoal Creek Road Landfill	Spalding
10834	Thomas & Co., Inc.	Spalding
10935	Woodward Dry Cleaners (Former)	Spalding
10955	Spalding Square Shopping Center	Spalding
10461	Stephens County SR 145, Phases 2 & 3 MSWL	Stephens
10846	Robert Bosch Tool Corporation	Stephens
10913	Avalon Plant	Stephens
10943	Milliken & Company	Stephens
10851	Stewart County Landfill, CR 145 S Ph 2 (SL)	Stewart
10139	304 N Dudley Street Site	Sumter
10426	Hoxsie's Cleaners (Former)	Sumter
10723	Sumter County Landfill	Sumter
10876	Glennville Wood Preserving	Tattnall
10783	Amercord, Inc.	Telfair

List of Sites on HSI by County

HSI ID	Site Name	Site County
10055	Stevens Industries	Terrell
10540	Dawson Manufacturing Company	Terrell
10682	Terrell County - U. S. 82 MSWLF	Terrell
10429	ARAMARK Uniform Services	Thomas
10902	Rose City Cleaners (Former)	Thomas
10934	Spence Family Partnership	Thomas
10056	Marzone/Chevron - NPL Site OU1	Tift
10142	So Green Waste Pile	Tift
10143	Parramore Fertilizer	Tift
10233	S&M Scrap Metal Company	Tift
10353	Marzone/Chevron - NPL Site OU2 (formerly Golden Seed Site)	Tift
10628	Coastal Plains Treating Company	Tift
10683	Tifton - Omega / Eldorado Road MSWLF	Tift
10775	Pennington Seed, Inc. Warehouse (Former)	Toombs
10684	Towns County - SR 288 MSWLF	Towns
10475	LaGrange - Municipal Solid Waste Landfill	Troup
10741	Chem-Am	Troup
10929	Pilot Wastewater Treatment Plant	Troup
10931	Ideal Cleaners	Troup
10714	Turner County - SR 112 Ashburn Phase 3 MSWLF	Turner
10712	Union County MSW Landfill	Union
10219	W. F. Harris & Sons Wood Preserving	Upson
10685	Upson County - Zorn Street Phase 2, 3 MSWLF	Upson
10002	Shaver's Farm	Walker
10329	Mathis Brothers - South Marbletop Road Landfill - NPL Site	Walker
10825	Coats American, Inc.	Walker
10859	Walker County Marble Top Road MSWL	Walker
10749	Walton County Landfill	Walton
10026	CSX Transportation - Waycross Facility	Ware
10097	Atlanta Gas Light Company - Waycross MGP Site	Ware
10460	Ware County-US 82, Waresboro MSWL	Ware
10784	B & M Wood Products, Inc.	Ware
10896	City of Waycross Blackwell Road Landfill	Ware
10938	East Coast Asphalt	Ware
10852	Warren County - Shoals Street #2 MSWL	Warren
10455	Washington County Landfill-Kaolin Road, Site #2	Washington
10625	Washington Manufacturing Company	Washington
10686	Wayne County - Goose Creek Phase 1 MSWLF	Wayne
10742	GA DOT Jesup District Office Complex	Wayne
10445	White County - Duke's Creek MSW Landfill	White
10930	Cleveland Cleaners	White

List of Sites on HSI by County

HSI ID	Site Name	Site County
10001	Dow Chemical - Dalton Site	Whitfield
10250	Lyndal Chemical (aka Chemical Processing of Georgia)	Whitfield
10334	Polychem, LTD	Whitfield
10405	AMC International, Inc.	Whitfield
10482	Rockyface-Westside Municipal Solid Waste Landfill	Whitfield
10687	Whitfield Co./Dalton-Old Dixie Hwy Phase 2 4 & 5 MSWLF	Whitfield
10882	W.F. Taylor Co. Inc.	Whitfield
10462	Wilkes County-CR 40 MSWL	Wilkes
10198	Gordon Service Company	Wilkinson
10688	Wilkinson Co. - Hwy. 57 Public Works Camp MSWLF	Wilkinson
10853	Worth County SR 112 MSWL	Worth

HAILSTORM

CRITICAL FACILITIES LIST

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24960	Sara's Personal Care Center	Swainsboro city		Swainsboro	GA	30401	Medical, EMA	Essential, Important, Vulnerable Population	32.573803	-82.349737	13107	Nursing Homes	2500	Concrete Moment Frame	75000.00	Replacement Value	2015
24961	WXRS Radio Station	Swainsboro city	2 Radio Loop	Swainsboro	GA	30401	NGO, EMA	Essential, Important	32.582831	-82.37995	13107	Entertainment & Recreation	500	Concrete Moment Frame	45000.00	Replacement Value	2015
24962	Diamond Propane 56 N	Swainsboro city	283 Highway 56 N	Swainsboro	GA	30401	NGO, EMA	Essential, Hazardous Materials	32.618585	-82.320214	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
24964	Emanuel County 911 Tower	Swainsboro city	15 Blackberry Rd	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.665288	-82.302931	13107	High Technology	50	Other Building Type	200000.00	Replacement Value	2015
24965	Dellwood Fire Station	Emanuel County		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential	32.672593	-82.383758	13107	Government - Emergency Response	300	Other Building Type	55000.00	Replacement Value	2015
24966	Ranch Park Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.562069	-82.322264	13107	Government - General Services	1000	Other Building Type	67500.00	Replacement Value	2015
24967	Dogwood Community Water System	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.587315	-82.376627	13107	Government - General Services	750	Other Building Type	6500.00	Replacement Value	2015
24968	Ogburn Community Water System	Swainsboro city	Atkinson Dr.	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.635819	-82.348169	13107	Government - General Services	750	Other Building Type	67500.00	Replacement Value	2015
24972	Altell Tower	Swainsboro city	1901 Highway 1 N	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.745984	-82.393675	13107	High Technology	50	Concrete Moment Frame	250000.00	Assessed Value	2015
24973	Cell Crown Castle	Swainsboro city	9044 Hwy 297	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.441545	-82.380464	13107	High Technology	250	Other Building Type	250000.00	Assessed Value	2015
24975	Emanuel County Health Department	Swainsboro city	50 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Important	32.601897	-82.322985	13107	Government - General Services	4000	Other Building Type	777586.00	Assessed Value	2015
24976	East GA College	Swainsboro city	131 College Circle	Swainsboro	GA	30401	Government, EMA	Essential	32.595182	-82.308286	13107	Colleges and Universities	12000	Other Building Type	3600000.00	Assessed Value	2015
24977	Southeastern Technical College	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets, Special Consideration	32.596461	-82.349211	13107	Colleges and Universities	8000	Other Building Type	120000.00	Replacement Value	2015
24978	Emanuel Medical Center/EMS	Swainsboro city	115 Kite Rd.	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.592619	-82.347487	13107	Hospital	8000	Other Building Type	2500000.00	Assessed Value	2015
24979	Swainsboro Fire Station #1	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.596716	-82.332047	13107	Government - Emergency Response	500	Other Building Type	75000.00	Assessed Value	2015
24980	Swainsboro Fire Station #2	Swainsboro city	110 E Meadowlake Pkwy	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential, Important	32.580887	-82.316732	13107	Government - Emergency Response	500	Other Building Type	67000.00	Assessed Value	2015
24981	Georgia Forestry Commission	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.580293	-82.308107	13107	Government - Emergency Response	2500	Other Building Type	57000.00	Assessed Value	2015
24982	Swainsboro High School	Swainsboro city	689 S Main St.	Swainsboro	GA	30401	Education, EMA	Essential	32.572414	-82.313323	13107	Grade Schools and Admin. Offices	5000	Other Building Type	3570000.00	Assessed Value	2015
24983	Swainsboro Middle	Swainsboro city	190 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572143	-82.309435	13107	Grade Schools and Admin. Offices	5000	Concrete Shear Walls	3470000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
24984	Swainsboro Elementary School	Swainsboro city	258 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572709	-82.304872	13107	Grade Schools and Admin. Offices	5000	Reinforced Masonry Bearing Walls with Precast Concrete Diaphragms	1275000.00	Assessed Value	2015
24985	Swainsboro Primary/ Pre- K School	Swainsboro city	308 Tiger Trail	Swainsboro	GA	30401	Education, EMA	Essential	32.572296	-82.301716	13107	Grade Schools and Admin. Offices	3000	Other Building Type	1275000.00	Assessed Value	2015
24986	Emanuel County Courthouse/Sheriff's	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.596719	-82.333282	13107	Government - General Services	4000	Other Building Type	3727580.00	Assessed Value	2015
24987	Emanuel County County Jail	Swainsboro city	769 Highway 57 W	Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential, Important, Vulnerable Population	32.610977	-82.366642	13107	Government - General Services	6000	Other Building Type	3609989.00	Assessed Value	2015
24988	Swainsboro/Emanuel County Airport	Swainsboro city	23 Airport Rd	Swainsboro	GA	30401	Government, EMA	Essential, Transportation	32.612161	-82.370289	13107	High Technology	18000	Other Building Type	2100000.00	Assessed Value	2015
24989	Swainsboro/Emanuel Co. Rec. Dept.	Swainsboro city	632 Old McLeod Bridge Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.602402	-82.366966	13107	Entertainment & Recreation	6500	Other Building Type	2350000.00	Assessed Value	2015
24990	National Guard	Swainsboro city	673 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential	32.60373	-82.359324	13107	Government - General Services	5000	Other Building Type	175000.00	Assessed Value	2015
24991	Department of Transportation	Swainsboro city	685 Kite Rd.	Swainsboro	GA	30401	Government, EMA	Essential	32.60487	-82.360432	13107	Government - General Services	7500	Other Building Type	315000.00	Assessed Value	2015
24992	Georgia State Patrol	Swainsboro city	994 Highway 1 N	Swainsboro	GA	30401	Government, EMA	Essential, Vulnerable Population	32.628892	-82.354652	13107	Government - General Services	3500	Other Building Type	127000.00	Assessed Value	2015
24993	Emanuel County Pre-K	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.595761	-82.341944	13107	Grade Schools and Admin. Offices	500	Other Building Type	67000.00	Assessed Value	2015
24994	Head Start	Swainsboro city		Swainsboro	GA	30401	Education, EMA	Essential, Vulnerable Population	32.607209	-82.351606	13107	Grade Schools and Admin. Offices	500	Other Building Type	48000.00	Assessed Value	2015
24995	Emanuel County Probation Detention Center	Swainsboro city		Swainsboro	GA	30401	Law Enforcement, Government, EMA	Essential	32.612097	-82.357059	13107	Government - General Services	4500	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	267000.00	Assessed Value	2015
24996	Swainsboro City Hall	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.597376	-82.334527	13107	Government - Emergency Response	550	Reinforced Masonry Bearing Walls with Wood or Metal Deck Diaphragms	73000.00	Assessed Value	2015
24997	Emanuel E-911/County Offices	Swainsboro city		Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Lifeline	32.597682	-82.334114	13107	Government - Emergency Response	250	Unknown Building Type	57000.00	Replacement Value	2015
24998	Franklin Memorial Library	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.59325	-82.341076	13107	Government - General Services	5000	Other Building Type	1296820.00	Replacement Value	2015
24999	Emanuel County Board of Education	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598487	-82.334728	13107	Grade Schools and Admin. Offices	4500	Other Building Type	954926.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25000	Emanuel Animal Shelter	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.593703	-82.326769	13107	Government - General Services	3000	Other Building Type	51600.00	Assessed Value	2015
25001	OMI "Swainboro Public Works"	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline	32.592526	-82.324982	13107	Government - General Services	5000	Other Building Type	64700.00	Assessed Value	2015
25002	EMC/GP Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential, Lifeline	32.568665	-82.317509	13107	Light Industrial	50	Other Building Type	17000.00	Assessed Value	2015
25003	Emanuel Co. Road Dept.	Swainsboro city	771 Highway 57 W	Swainsboro	GA	30401	Government, EMA	Essential, Important, Vulnerable Population	32.610555	-82.3672	13107	Government - General Services	590	Other Building Type	47500.00	Assessed Value	2015
25004	Vann Community House	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595125	-82.33888	13107	Government - General Services	2500	Steel Braced Frame	235000.00	Assessed Value	2015
25005	Police Station	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.598986	-82.335657	13107	Government - General Services	2500	Other Building Type	275000.00	Assessed Value	2015
25006	Ga Power Substation	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.59221	-82.319533	13107	Light Industrial	20	Other Building Type	250000.00	Assessed Value	2015
25007	Rec Dept Gym	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential	32.595109	-82.345599	13107	Government - General Services	500	Other Building Type	115000.00	Assessed Value	2015
25008	Welcome Center/Chamber/Development Auth	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Economic Assets	32.596718	-82.334812	13107	Government - General Services	1000	Other Building Type	108500.00	Assessed Value	2015
25009	Swainsboro Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.597769	-82.325792	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25010	Ogburn Supply	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.598344	-82.331543	13107	Retail Trade	1000	Other Building Type	27000.00	Assessed Value	2015
25011	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.588214	-82.330509	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25012	Harvey's Super Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594824	-82.332953	13107	Retail Trade	2500	Other Building Type	3175000.00	Assessed Value	2015
25013	Sanitary Market	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.594667	-82.335924	13107	Retail Trade	1750	Other Building Type	125000.00	Assessed Value	2015
25014	Cell Tower "Verizon"	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.5957	-82.328789	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25015	Host Media Inc Towe	Swainsboro city	14 McKenzie Dr	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.637843	-82.361814	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25016	Jaycee Fair Ground	Swainsboro city	324 Fairground Rd.	Swainsboro	GA	30401	NGO, EMA	Essential	32.626015	-82.339464	13107	Entertainment & Recreation	5000	Other Building Type	150000.00	Assessed Value	2015
25017	Radio Tower 1590	Swainsboro city		Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582063	-82.317144	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25018	First Baptist Church	Swainsboro city		Swainsboro	GA	30401	NGO, EMA	Essential	32.596568	-82.337181	13107	Churches and Non-Profit Organizations	2000	Other Building Type	400000.00	Assessed Value	2015
25040	Nunez City Hall/Fire Department	Swainsboro city	17 Alcott Dr	Swainsboro	GA	30401	Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.49363	-82.344581	13107	Government - Emergency Response	900	Other Building Type	100000.00	Replacement Value	2015
25047	Well #1	Summertown town	Summertown Church St.	Summertown	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.74617	-82.274475	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25072	HWY 80 (on left right before Thompson's)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.589183	-82.351377	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25073	Crump St (off Lakeside Drive)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.591599	-82.355904	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25074	Prince Ave (off Oak Lawn)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.595446	-82.354197	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25075	McCloud Bridge Road	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602358	-82.37453	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25076	Lift Station #9	Swainsboro city	King Circle Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.616338	-82.325417	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25077	Lift Station #10 Advantage Ln	Swainsboro city	138 Advantage Ln	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.607408	-82.311778	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25078	Lake Luck Lift Station	Swainsboro city	169 Lake Luck Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.604125	-82.304666	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25079	Sewer Pumping Station #12	Swainsboro city	106 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.60227	-82.31161	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25080	Sewer Pumping Station	Swainsboro city	12 Highway 56 N	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.600435	-82.324067	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25081	Empire Expressway	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.547141	-82.347093	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25082	Bucklen St. (off Elmer)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586607	-82.312373	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25083	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.574104	-82.341674	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25084	Keller Hill	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.565606	-82.332009	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25085	Meadow Lake Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.575415	-82.334322	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25086	Meadow Lake Rd (beside LAS station)	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573482	-82.331135	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25087	Glennwood Rd	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.578081	-82.307727	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25088	Technology Park	Swainsboro city	29 Oakfield Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596878	-82.297994	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25089	Lifestation 22 Oak Crest	Swainsboro city	Longleaf Dr	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.617453	-82.336495	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25090	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596706	-82.329496	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25091	Water Well E Morning St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.59731	-82.329474	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25092	Water Well Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587122	-82.343045	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25093	Water Tower E Main St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.596192	-82.331006	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25094	Water Tower Herrington St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587098	-82.342858	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25095	Water Well Kite Rd	Swainsboro city	547 Kite Rd	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.602364	-82.357058	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25096	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586076	-82.32302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25097	Water Well South Circle Drive	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.586312	-82.320546	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25098	Water Well Electric Dr	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.587608	-82.31948	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25099	Water Well Fortune Loop	Swainsboro city	104 Fortune Loop	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.603682	-82.312002	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25100	Water Well Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.553645	-82.342143	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25101	Water Tower Empire Exp	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.554831	-82.339096	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25102	Water Well Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608631	-82.33751	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25103	Water Tower Hill St	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.608737	-82.33745	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25104	Treatment Plant Industrial Way	Swainsboro city	574 Industrial Way	Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.58274	-82.316033	13107	Government - General Services	10000	Other Building Type	3000000.00	Replacement Value	2015
25105	LAS Pump Station W. Meadowlake Pkwy	Swainsboro city		Swainsboro	GA	30401	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.573452	-82.331444	13107	Government - General Services	50	Other Building Type	60000.00	Replacement Value	2015
25117	WJAT Tower	Swainsboro city	W Moring St	Swainsboro	GA	30401	Emergency Services, NGO, EMA	Essential	32.582041	-82.355922	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24963	Pro Gas	Garfield town	1589 Highway 23 N	Garfield	GA	30425	NGO, EMA	Essential, Hazardous Materials	32.621687	-82.099164	13107	Professional/Technical Services	500	Other Building Type	18500.00	Replacement Value	2015
25066	Garfield City Hall	Garfield town	301 Monroe St	Garfield	GA	30425	Government, EMA	Essential	32.649742	-82.095498	13107	Government - General Services	300	Concrete Shear Walls	50000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25067	Fire Dept	Garfield town		Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Lifeline, Important	32.649385	-82.095532	13107	Government - Emergency Response	1500	Other Building Type	17500.00	Assessed Value	2015
25068	Garfield Police Department	Garfield town	117 Hugh Johnson Cir	Garfield	GA	30425	Emergency Services, Government, EMA	Essential, Important	32.65299	-82.09464	13107	Government - Emergency Response	50	Other Building Type	15000.00	Assessed Value	2015
25069	Garfield Community Center	Garfield town	3714 Canoochee Garfield Rd	Garfield	GA	30425	Government, EMA	Essential	32.649996	-82.099997	13107	Government - General Services	2100	Other Building Type	215000.00	Replacement Value	2015
25070	Well #1 & Water Storage Tank	Garfield town	110 N Railroad Ave	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.650123	-82.095374	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25071	Garfield City Well	Garfield town	454 Monroe St	Garfield	GA	30425	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.648777	-82.091886	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25062	Oak Park City Hall/Police/Fire	Oak Park town	3859 Harrington St	Stillmore	GA	30436	Law Enforcement, Emergency Services, Government, EMA	Essential, Important, Economic Assets	32.358778	-82.31432	13107	Government - Emergency Response	1000	Other Building Type	150000.00	Replacement Value	2015
25063	Community House Park and Shop	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Economic Assets	32.359526	-82.315468	13107	Entertainment & Recreation	2000	Other Building Type	100000.00	Replacement Value	2015
25064	Well and Water Storage Tank	Oak Park town		Oak Park	GA	30436	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.358519	-82.314102	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25065	Cell Tower ???	Oak Park town		Oak Park	GA	30436	Emergency Services, NGO, EMA	Essential	32.400052	-82.300084	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
24957	Cross and Green Fire Station	Emanuel County	22 Cross and Green Rd	Midville	GA	30441	Emergency Services, Government, EMA	Essential	32.798015	-82.34669	13107	Government - Emergency Response	500	Steel Moment Frame	40000.00	Replacement Value	2015
24970	Substation	Emanuel County	1116 Old Savannah Rd	Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.783334	-82.243822	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015
24971	Cell Tower Alltel	Emanuel County		Midville	GA	30441	Emergency Services, NGO, EMA	Essential, Important	32.685872	-82.391385	13107	High Technology	50	Other Building Type	250000.00	Assessed Value	2015
25044	Summertown City Hall	Emanuel County	9 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential	32.744251	-82.272401	13107	Government - General Services	350	Other Building Type	93000.00	Replacement Value	2015
25045	Summertown Fire Dept	Emanuel County	39 Summertown Main St	Midville	GA	30441	Emergency Services, Government, EMA	Essential, Important	32.744543	-82.273032	13107	Government - Emergency Response	50	Other Building Type	17500.00	Assessed Value	2015
25046	Summertown Comm Center	Emanuel County	15 Summertown Main St.	Midville	GA	30441	Government, EMA	Essential, Economic Assets	32.744311	-82.272571	13107	Entertainment & Recreation	1891	Other Building Type	135000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25048	Summertown City Water Storage	Emanuel County	16 Summertown Main St	Midville	GA	30441	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.742315	-82.270555	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25041	Well #1	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493166	-82.344295	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25042	Well #2	Nunez town		Nunez	GA	30448	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.493213	-82.344302	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25043	Water Storage Tank	Nunez town		Nunez	GA	30448	Emergency Services, Government, EMA	Essential, Lifeline, Hazardous Materials, Economic Assets	32.492935	-82.344912	13107	Government - General Services	50	Steel Braced Frame	400000.00	Replacement Value	2015
25049	Electrical Substation	Stillmore town	Canady Bridge Rd	Stillmore	GA	30464	NGO, EMA	Essential, Lifeline, Economic Assets	32.463784	-82.195614	13107	Light Industrial	50	Other Building Type	250000.00	Replacement Value	2015
25050	Stillmore Police Depatment	Stillmore town	307 N 2nd St	Stillmore	GA	30464	Law Enforcement, Emergency Services, Government, EMA	Essential, Important	32.441183	-82.215724	13107	Government - Emergency Response	1600	Other Building Type	130000.00	Replacement Value	2015
25051	Maintenance Building, Road and Water Dept	Stillmore town		Stillmore	GA	30464	Emergency Services, EMA	Essential	32.441984	-82.215769	13107	Government - General Services	1500	Other Building Type	75000.00	Replacement Value	2015
25052	David Emanuel Academy	Stillmore town	602 N 4th St	Stillmore	GA	30464	Education, NGO, EMA	Essential, Special Consideration	32.444575	-82.211712	13107	Grade Schools and Admin. Offices	7500	Other Building Type	750000.00	Replacement Value	2015
25053	Pump Station #1	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.439556	-82.203014	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25054	Pump Station #2	Stillmore town	S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.436189	-82.214986	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25055	Pump Station #3	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.443235	-82.225139	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25056	Pump Station #4 and Water Water Treatment Pond	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.446905	-82.224071	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25057	Well #1 and Water Storage Tank	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.44201	-82.214652	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25058	Well #2	Stillmore town		Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.451101	-82.212332	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25059	Crider Well & Tank	Stillmore town	510 S 2nd St	Stillmore	GA	30464	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.427068	-82.210062	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25060	Colecraft Bldg	Stillmore town		Stillmore	GA	30464	NGO, EMA	Essential	32.44519	-82.215984	13107	Wholesale Trade	2000	Other Building Type	150000.00	Replacement Value	2015
25061	Coummunication Repeater	Stillmore town		Stillmore	GA	30464	Law Enforcement, Emergency Services, EMA	Essential, Important, Special Consideration	32.441723	-82.214184	13107	High Technology	50	Other Building Type	50000.00	Replacement Value	2015
24959	Canoochee Fire Station	Twin City city	2567 Canoochee Garfield Rd	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.672255	-82.179899	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
25019	Twin City Fire/EMS Station	Twin City city	105 Circle Dr.	Twin City	GA	30471	Emergency Services, Government, EMA	Essential	32.583098	-82.156486	13107	Government - Emergency Response	1925	Concrete Moment Frame	212080.00	Assessed Value	2015
25020	Twin City City Hall	Twin City city	112 S Railroad Ave.	Twin City	GA	30471	Government, EMA	Essential	32.582735	-82.156274	13107	Government - Emergency Response	1925	Unknown Building Type	128590.00	Assessed Value	2015
25021	Emanuel County Institute	Twin City city	102 N College St	Twin City	GA	30471	Education, EMA	Essential	32.580895	-82.155101	13107	Grade Schools and Admin. Offices	650000	Other Building Type	1025000.00	Assessed Value	2015
25022	Twin City Elementary School	Twin City city	162 Parrish Pond Rd	Twin City	GA	30471	Education, EMA	Essential	32.577019	-82.149117	13107	Grade Schools and Admin. Offices	3000	Other Building Type	275000.00	Assessed Value	2015
25023	Emanuel County /Twin City Health Department	Twin City city	503 S Railroad Ave	Twin City	GA	30471	Government, EMA	Essential	32.579811	-82.161342	13107	Medical Office and Clinic	250	Other Building Type	65000.00	Assessed Value	2015
25024	Twin View Healthcare	Twin City city	211 Mathis Ave	Twin City	GA	30471	NGO, EMA	Essential	32.584119	-82.160025	13107	Nursing Homes	6200	Other Building Type	204000.00	Assessed Value	2015
25025	Twin City Tower	Twin City city	131 Maple St.	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.584456	-82.146882	13107	High Technology	50	Other Building Type	20000.00	Assessed Value	2015
25026	Well #2	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline	32.581972	-82.155562	13107	Government - General Services	156	Unknown Building Type	50000.00	Assessed Value	2015
25027	Electrical Substation	Twin City city	2916 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Lifeline, Economic Assets	32.579969	-82.145596	13107	Light Industrial	100	Unknown Building Type	250000.00	Replacement Value	2015
25028	Waste Water Treatment Pond	Twin City city	15 Richard Stanford St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials	32.568386	-82.166842	13107	Government - General Services	20000	Other Building Type	2000000.00	Replacement Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25029	Cell Phone Tower	Twin City city		Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582449	-82.156525	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25030	Pump Station	Twin City city	910 King St	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.571176	-82.1675	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25031	Pump Station	Twin City city	Oglesby Pond Rd	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.568145	-82.162244	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25032	Pump Station	Twin City city	5th Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.585051	-82.167361	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25033	Pump Station	Twin City city	Highway 80 E	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580688	-82.146802	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25034	Pump Station	Twin City city		Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.580151	-82.152332	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25035	Utility Pump Station	Twin City city	712 Stokes Ave.	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.5901	-82.147113	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25036	Pump Station	Twin City city	Plum Ave	Twin City	GA	30471	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.567247	-82.154177	13107	Government - General Services	20	Other Building Type	75000.00	Replacement Value	2015
25037	Twin City Probation Detention Center	Twin City city	121 Casa Dr.	Twin City	GA	30471	Law Enforcement, Government, EMA	Essential	32.572564	-82.16061	13107	Government - General Services	4500	Other Building Type	267000.00	Replacement Value	2015
25038	SBA Tower	Twin City city	198 Antioch Church Rd	Twin City	GA	30471	Emergency Services, NGO, EMA	Essential	32.582824	-82.18158	13107	High Technology	50	Other Building Type	250000.00	Replacement Value	2015
25039	Forsite Sevice Inc	Twin City city	3291 Highway 80 E	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.578151	-82.137532	13107	Wholesale Trade	3000	Other Building Type	100000.00	Replacement Value	2015
25116	EMCO Metals	Twin City city	-á878 EMPIRE EXPRESSWAY	Twin City	GA	30471	NGO, EMA	Essential, Economic Assets	32.56478	-82.156984	13107	Light Industrial	240000	Steel Braced Frame	366381.00	Assessed Value	2015
24958	Norristown Fire Station	Adrian city	3 Highway 221 S	Adrian	GA	31002	Emergency Services, Government, EMA	Essential	32.557358	-82.48801	13107	Government - Emergency Response	500	Steel Braced Frame	45000.00	Replacement Value	2015
24974	Church of Nazarene Camp Ground	Adrian city	37 Meeks Rd	Adrian	GA	31002	NGO, EMA	Essential	32.555838	-82.570941	13107	Entertainment & Recreation	5500	Other Building Type	94000.00	Assessed Value	2015

Emanuel County Critical Facilities List

Id	Name	Jurisdiction	Address	City	State	Zip	Facility Types	Risk	Latitude	Longitude	County FIPS	Occupancy	Area	Structure Type	Building Value	Valuation Type	Valuation Year
25106	Adrian VFD Station	Adrian city	209 W Main St	Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.53093	-82.591407	13107	Government - General Services	500	Other Building Type	75000.00	Replacement Value	2015
25107	City Hall	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530826	-82.590868	13107	Government - General Services	2500	Other Building Type	45000.00	Assessed Value	2015
25108	Police Dept	Adrian city		Adrian	GA	31002	Emergency Services, Government, EMA	Essential, Important	32.530849	-82.590802	13107	Government - Emergency Response	2500	Other Building Type	115000.00	Assessed Value	2015
25109	Well #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530708	-82.590786	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25110	Well #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530696	-82.590814	13107	Government - General Services	20	Other Building Type	60000.00	Replacement Value	2015
25111	Adrian Community Center	Adrian city	107 Nora Blvd	Adrian	GA	31002	Government, EMA	Essential, Economic Assets	32.5326	-82.59023	13107	Government - General Services	2787	Other Building Type	283000.00	Assessed Value	2015
25112	Water Road & Shop Departments	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Important	32.530916	-82.591278	13107	Government - General Services	1680	Other Building Type	55156.00	Assessed Value	2015
25113	Water Storage Tank #1	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.530655	-82.590794	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25114	Water Storage Tank #2	Adrian city		Adrian	GA	31002	Government, EMA	Essential, Lifeline, Hazardous Materials, Important	32.528722	-82.593033	13107	Government - General Services	50	Other Building Type	350000.00	Replacement Value	2015
25115	Royal Oaks Nursing Home	Adrian city		Adrian	GA	31002	Medical, NGO, EMA	Essential, Vulnerable Population	32.533822	-82.591358	13107	Nursing Homes	2000	Other Building Type	400000.00	Replacement Value	2015
24969	Substation	Emanuel County	8425 Pinetucky Rd	Kite	GA	31049	Emergency Services, NGO, EMA	Essential, Important	32.685718	-82.448203	13107	Light Industrial	50	Other Building Type	19500.00	Assessed Value	2015

NCDC HAZARD HISTORY DATA

EMANUEL COUNTY HAZARD HISTORY NCDC

THUNDERSTORM/WINDSTORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	7/27/1956	0	0	0	0
Thunderstorm Wind	3/21/1974	0	0	0	0
Thunderstorm Wind	11/30/1974	0	0	0	0
Thunderstorm Wind	1/12/1975	0	0	0	0
Thunderstorm Wind	2/10/1981	0	0	0	0
Thunderstorm Wind	4/1/1981	0	0	0	0
Thunderstorm Wind	12/31/1981	0	0	0	0
Thunderstorm Wind	6/24/1982	0	0	0	0
Thunderstorm Wind	9/12/1983	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	6/21/1984	0	0	0	0
Thunderstorm Wind	9/15/1984	0	0	0	0
Thunderstorm Wind	6/18/1986	0	0	0	0
Thunderstorm Wind	7/6/1987	0	0	0	0
Thunderstorm Wind	5/23/1988	0	0	0	0
Thunderstorm Wind	5/21/1990	0	0	0	0
Thunderstorm Wind	7/14/1991	0	0	0	0
Thunderstorm Wind	8/14/1991	0	0	0	0
Thunderstorm Wind	4/21/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	7/1/1992	0	0	0	0
Thunderstorm Wind	4/5/1993	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	0	0
Thunderstorm Wind	5/15/1995	0	0	30000	0
Thunderstorm Wind	6/9/1995	0	0	0	0
Thunderstorm Wind	3/16/1996	0	0	3000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	3/30/1997	0	0	1000	0
Thunderstorm Wind	4/22/1997	0	0	22000	1500
Thunderstorm Wind	6/14/1997	0	0	4500	0
Thunderstorm Wind	7/8/1997	0	0	2000	0
Thunderstorm Wind	4/17/1998	0	0	2000	0
Thunderstorm Wind	6/16/1998	0	0	2000	0
Thunderstorm Wind	6/27/1998	0	0	5000	0
Thunderstorm Wind	8/18/1998	0	0	500	0
Thunderstorm Wind	9/1/1998	0	0	2000	0
Thunderstorm Wind	8/14/1999	0	0	200	0
Thunderstorm Wind	8/24/1999	0	0	2000	0
Thunderstorm Wind	3/27/2000	0	0	1000	0
Thunderstorm Wind	7/12/2000	0	0	5000	0
Thunderstorm Wind	8/18/2000	0	0	30000	0
Thunderstorm Wind	6/3/2001	0	0	10000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	6/14/2001	0	0	300	0
Thunderstorm Wind	8/24/2001	0	0	1500	0
Thunderstorm Wind	8/24/2001	0	0	2000	0
Thunderstorm Wind	6/3/2002	0	0	125000	0
Thunderstorm Wind	7/3/2002	0	0	500	0
Thunderstorm Wind	7/6/2002	0	0	500	0
Thunderstorm Wind	7/31/2002	0	0	500	0
Thunderstorm Wind	8/25/2002	0	0	0	0
Thunderstorm Wind	7/13/2003	0	0	5000	0
Thunderstorm Wind	7/17/2003	0	0	1000	0
Thunderstorm Wind	5/20/2005	0	0	7000	0
Thunderstorm Wind	6/2/2005	0	0	250	0
Thunderstorm Wind	6/21/2006	0	0	1000	0
Thunderstorm Wind	7/29/2006	0	0	250	0
Thunderstorm Wind	7/29/2006	0	0	1000	0
Thunderstorm Wind	12/25/2006	0	0	150000	0
Thunderstorm Wind	5/5/2007	0	0	2000	0
Thunderstorm Wind	7/20/2007	0	0	4000	0
Thunderstorm Wind	8/11/2007	0	0	1000	0
Thunderstorm Wind	8/17/2007	0	0	5000	0
Thunderstorm Wind	5/11/2008	0	0	5000	0
Thunderstorm Wind	6/22/2008	0	0	5000	0
Thunderstorm Wind	6/18/2009	0	0	3000	0
Thunderstorm Wind	6/18/2009	0	0	2000	0
Thunderstorm Wind	6/15/2010	0	0	4000	0
Thunderstorm Wind	6/20/2010	0	0	3000	0
Thunderstorm Wind	4/5/2011	0	0	7000	0
Thunderstorm Wind	11/16/2011	0	0	3000	0
Thunderstorm Wind	4/5/2012	0	0	1000	0
Thunderstorm Wind	6/10/2012	0	0	250	0
Thunderstorm Wind	3/24/2013	0	0	1500	0
Thunderstorm Wind	6/7/2013	0	0	2500	0
Thunderstorm Wind	6/6/2014	0	0	1000	0
Thunderstorm Wind	6/6/2014	0	0	5000	0
Thunderstorm Wind	11/23/2014	0	0	4000	0
Thunderstorm Wind	6/22/2015	0	0	6000	0
Thunderstorm Wind	7/1/2015	0	0	1000	0
Thunderstorm Wind	8/6/2015	0	0	25000	0
Thunderstorm Wind	12/31/2015	0	0	20000	0
Thunderstorm Wind	6/2/2016	0	0	3000	0
Thunderstorm Wind	1/21/2017	0	0	15000	0
Thunderstorm Wind	4/3/2017	0	0	10000	0
Thunderstorm Wind	8/9/2017	0	0	5000	0
Thunderstorm Wind	4/23/2018	0	0	1000	0
Thunderstorm Wind	6/14/2018	0	0	4000	0
Thunderstorm Wind	7/3/2018	0	0	7000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Thunderstorm Wind	5/11/2019	0	0	6000	0
Thunderstorm Wind	6/5/2019	0	0	1000	0
Thunderstorm Wind	6/7/2019	0	0	6000	0
Thunderstorm Wind	10/31/2019	0	0	3000	0
Thunderstorm Wind	6/24/2020	0	0	5000	0
Thunderstorm Wind	8/7/2020	0	0	1000	0
Thunderstorm Wind	8/9/2020	0	0	1000	0
Thunderstorm Wind	8/10/2020	0	0	1000	0
TOTALS:		0	0	**$599,250.00**	**$1,500.00**

TROPICAL STORM/HURRICANE

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tropical Storm	9/14/2002	0	0	0	0
Tropical Storm	7/1/2003	0	0	0	0
Tropical Storm	9/6/2004	0	0	0	0
Tropical Storm	9/16/2004	0	0	0	0
Tropical Storm	9/26/2004	0	0	0	0
Tropical Storm	6/12/2005	0	0	0	0
Hurricane (Typhoon)	7/10/2005	0	0	0	0
Hurricane (Typhoon)	8/29/2005	0	0	0	0
Tropical Storm	10/5/2005	0	0	0	0
Tropical Storm	8/21/2008	0	0	0	0
Tropical Storm	11/10/2009	0	0	0	0
Tropical Storm	9/4/2011	0	0	0	0
Tropical Storm	9/2/2016	0	0	30000	0
Tropical Storm	10/7/2016	0	0	60000	0
Tropical Storm	9/11/2017	0	0	300000	0
Tropical Storm	10/10/2018	0	0	0	0
TOTALS:		0	0	**$390,000.00**	**$0.00**

TORNADO

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Tornado	1/28/1952	1	0	2500	0
Tornado	9/28/1963	0	0	250000	0
Tornado	7/22/1970	1	1	25000	0
Tornado	4/23/1971	0	0	2500	0
Tornado	4/15/1999	0	0	5000	0
Tornado	1/2/2006	0	0	50000	0
Tornado	4/15/2007	0	0	175000	0
Tornado	4/15/2007	0	0	30000	0
Tornado	4/15/2007	0	0	250000	0
Tornado	5/11/2008	0	0	750000	0
Tornado	1/21/2017	0	0	50000	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
TOTALS:		2	1	**$1,590,000.00**	**$0.00**

SEVERE WINTER STORM

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Winter Storm	1/2/2002	0	0	0	0
Heavy Snow	1/2/2002	0	0	0	0
Ice Storm	12/26/2004	0	0	25000	0
Winter Storm	1/28/2005	0	0	5000	0
Heavy Snow	2/12/2010	0	0	0	0
Ice Storm	1/10/2011	0	0	0	0
Winter Storm	1/28/2014	0	0	0	0
Ice Storm	2/12/2014	0	0	0	0
Winter Weather	1/3/2018	0	0	0	0
TOTALS:		0	0	**$30,000.00**	**$0.00**

EXCESSIVE HEAT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Excessive Heat	9/3/2002	0	0	0	0
Excessive Heat	8/1/2007	0	0	0	0
Excessive Heat	6/29/2012	0	0	0	0
Excessive Heat	7/1/2012	0	0	0	0
Heat	7/20/1999	0	0	0	0
Heat	8/1/1999	0	0	0	0
Heat	11/1/2001	0	0	0	0
Heat	12/1/2001	0	0	0	0
Heat	1/24/2002	0	0	0	0
Heat	3/15/2002	0	0	0	0
Heat	4/16/2002	0	0	0	0
TOTALS:		0	0	**$0.00**	**$0.00**

DROUGHT

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	9/1/1997	0	0	0	0
Drought	5/1/1999	0	0	0	0
Drought	8/1/1999	0	0	0	0
Drought	2/1/2000	0	0	0	0
Drought	4/1/2000	0	0	0	0
Drought	5/1/2000	0	0	0	0
Drought	6/1/2000	0	0	0	3650000
Drought	7/1/2000	0	0	0	0
Drought	10/1/2000	0	0	0	0
Drought	10/1/2001	0	0	0	0

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Drought	11/1/2001	0	0	0	0
Drought	12/1/2001	0	0	0	0
Drought	4/1/2002	0	0	0	0
Drought	8/1/2002	0	0	0	0
Drought	1/1/2003	0	0	0	0
Drought	3/1/2004	0	0	0	0
Drought	5/1/2007	0	0	0	0
Drought	9/1/2007	0	0	0	0
Drought	10/1/2007	0	0	0	0
Drought	11/1/2007	0	0	0	0
Drought	12/1/2007	0	0	0	0
Drought	9/1/2011	0	0	0	0
Drought	11/1/2016	0	0	0	0
Drought	12/1/2016	0	0	0	0
TOTALS:		0	0	**$0.00**	**$3,650,000.00**

FLOODING

Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Flood	7/12/2000	0	0	0	0
Flood	7/31/2002	0	0	0	0
Flash Flood	7/13/2003	0	0	0	0
Flash Flood	7/11/2008	0	0	3000	0
Flood	5/6/2009	0	0	1000	0
Flash Flood	6/11/2014	0	0	5000	0
Flash Flood	7/29/2018	2	0	50000	0
TOTALS:		2	0	**$59,000.00**	**$0.00**

HAILSTORM

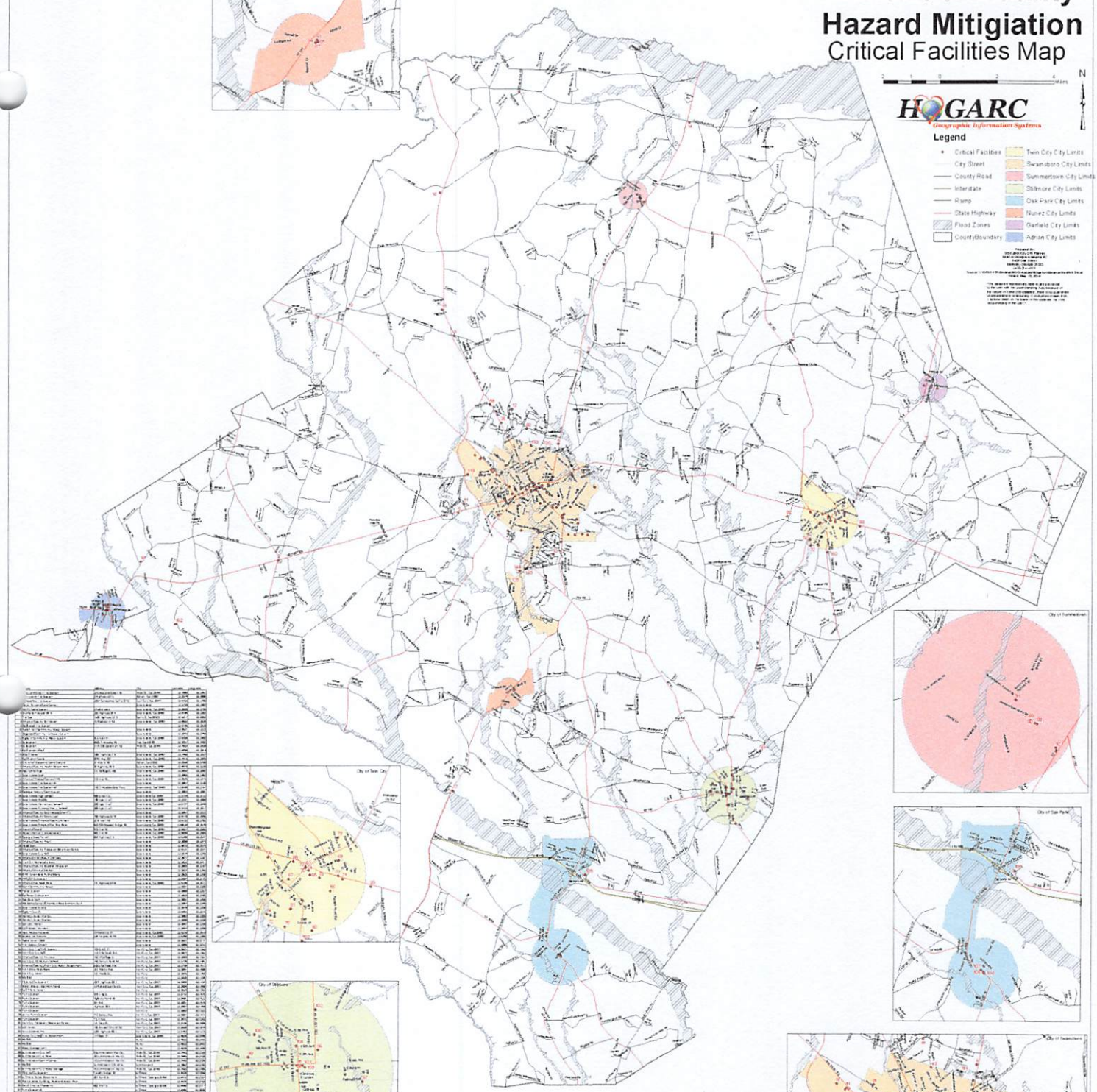
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	2/14/1984	0	0	0	0
Hail	4/5/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	5/13/1993	0	0	0	0
Hail	6/9/1994	0	0	0	0
Hail	1/28/1995	0	0	0	0
Hail	6/1/1997	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	4/3/1998	0	0	0	0
Hail	1/17/1999	0	0	0	0
Hail	3/25/1999	0	0	0	0
Hail	4/24/1999	0	0	0	0
Hail	4/24/1999	0	0	5000	0
Hail	5/13/1999	0	0	0	0

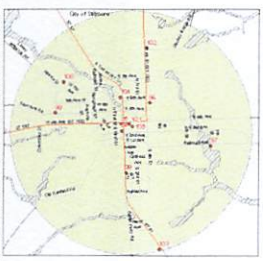
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
HAILSTORM					
Hazard	Date of Event	Injuries	Deaths	Property Damage	Crop Damage
Hail	5/13/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	5/22/1999	0	0	0	0
Hail	7/6/1999	0	0	0	0
Hail	7/11/1999	0	0	0	0
Hail	8/19/1999	0	0	0	0
Hail	5/13/2000	0	0	0	0
Hail	6/26/2000	0	0	0	0
Hail	8/18/2000	0	0	0	0
Hail	7/21/2002	0	0	0	0
Hail	7/31/2002	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	3/20/2003	0	0	0	0
Hail	5/17/2003	0	0	0	0
Hail	7/21/2003	0	0	0	0
Hail	3/22/2005	0	0	0	0
Hail	12/28/2005	0	0	0	0
Hail	6/21/2006	0	0	500	0
Hail	5/5/2007	0	0	35000	0
Hail	7/20/2007	0	0	0	0
Hail	3/1/2009	0	0	0	0
Hail	4/14/2009	0	0	0	0
Hail	8/5/2009	0	0	0	0
Hail	10/25/2010	0	0	30000	0
Hail	10/25/2010	0	0	0	0
Hail	3/26/2011	0	0	0	0
Hail	3/27/2011	0	0	55000	0
Hail	11/16/2011	0	0	0	0
Hail	3/13/2012	0	0	55000	0
Hail	3/18/2013	0	0	0	0
Hail	3/31/2013	0	0	0	0
Hail	8/5/2013	0	0	0	0
Hail	5/25/2014	0	0	55000	0
Hail	4/23/2018	0	0	0	0
TOTALS:		0	0	**$235,500.00**	**$0.00**

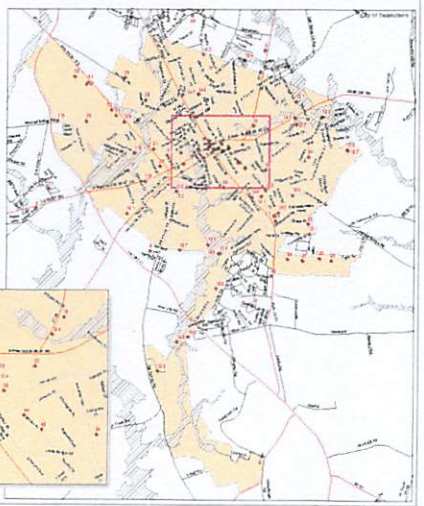
MAPS

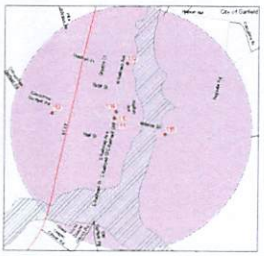
Emanuel County Hazard Mitigation

Critical Facilities Map









City of Twin City Hazard Mitigiation

Critical Facilities Map

LocationID	AssetName	AssetAddress	AssetCity
201	Fire Station / EMS		Twin City
202	City Hall / Police Dept.		Twin City
203	Emanuel County Institute		Twin City
204	Twin City Primary School		Twin City
205	Health Dept		Twin City
206	Twin View Nursing Home		Twin City
207	Well #1		Twin City
208	Well #2		Twin City
209	Electrical Substation		Twin City
210	Waster Water Treatment Pond		Twin City
211	C.A. Hall Farm Supply		Twin City
212	Hardware Headquarters		Twin City
213	T.C. Grocery		Twin City
214	Durden Bank		Twin City
215	Cell Phone Tower		Twin City
216	Recreation Dept		Twin City
217	Pump Station		Twin City
218	Pump Station		Twin City
219	Pump Station		Twin City
220	Pump Station		Twin City
221	Pump Station		Twin City
222	Pump Station		Twin City
223	Pump Station		Twin City
224	Emanuel Probation Detention Center		Twin City
225	Stitch/Print Plant		Twin City
226	Hunter Sales		Twin City
227	Twin City Health Care		Twin City
228	City Shop, Road & Water Dept		Twin City
229	SES Waste Disposal		Twin City
230	Concern Citizens Building		Twin City
232	Cell Tower "Alltel"		Twin City

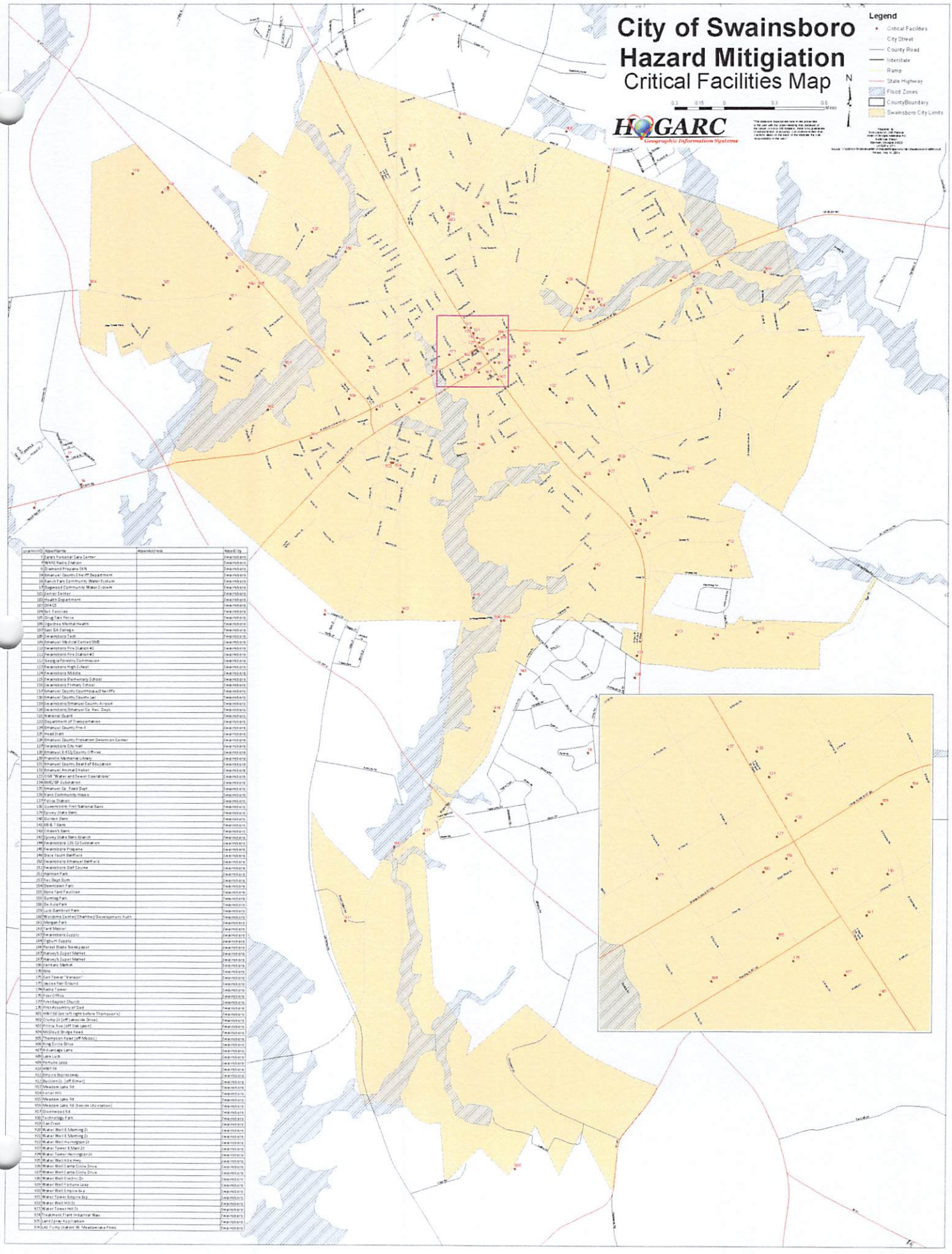
HOGARC
Geographic Information Systems

Legend

- Critical Facilities
- Twin City City Limits
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary

City of Swainsboro Hazard Mitigiation

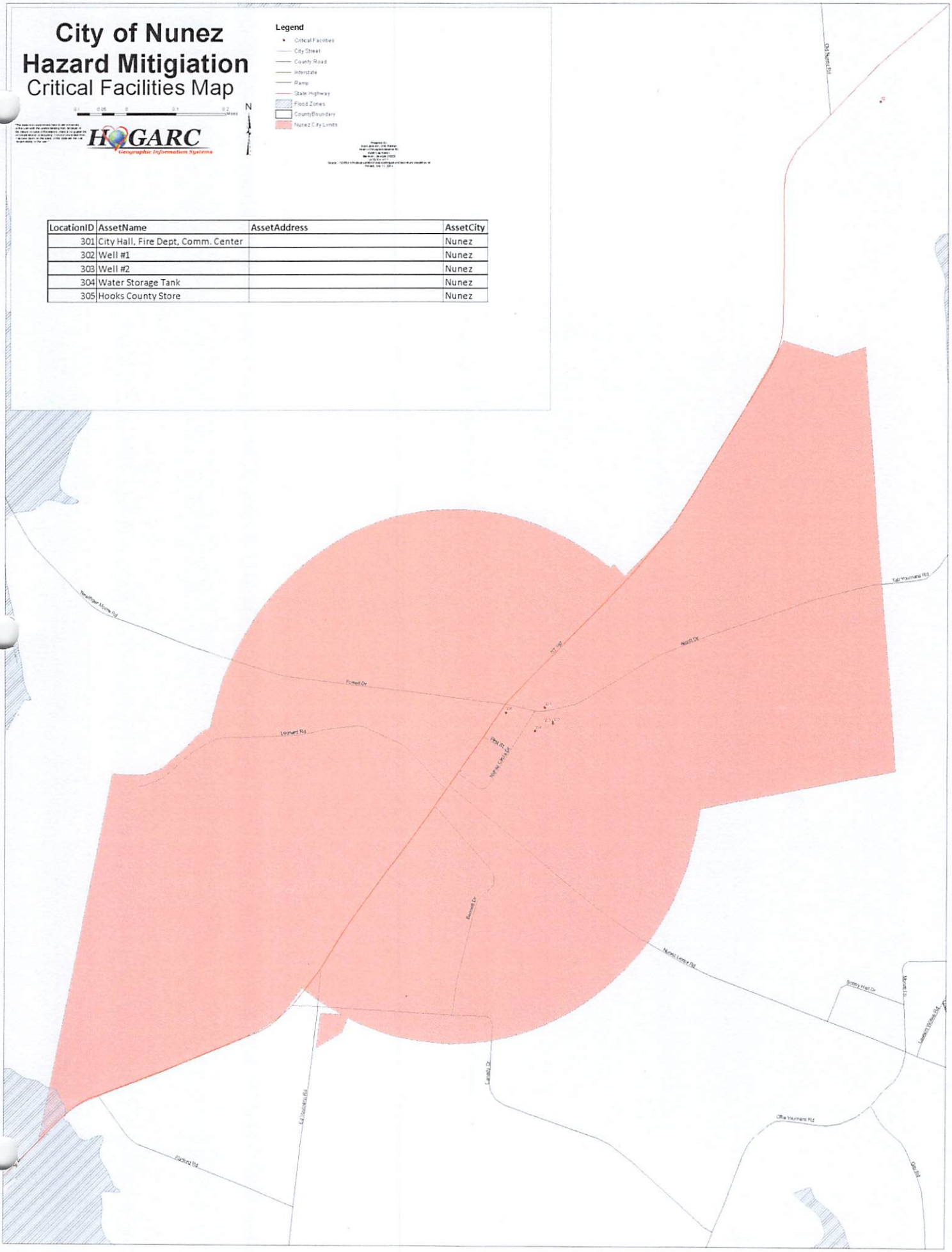
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
1	Ga's Personal Care Center		Swainsboro
	WWNS Radio Station		Swainsboro
3	Diamond Propane Gas		Swainsboro
4	Emanuel County Sheriff Department		Swainsboro
5	Ranch Park Community Water System		Swainsboro
6	Edgewood Community Water System		Swainsboro
10	Senior Center		Swainsboro
11	Health Department		Swainsboro
12	DFACS		Swainsboro
13	Kids' Families		Swainsboro
14	Drug Task Force		Swainsboro
15	Ogeechee Mental Health		Swainsboro
16	Fleet GA Canning		Swainsboro
17	Swainsboro Tech		Swainsboro
18	Emanuel Medical Center/EMS		Swainsboro
19	Swainsboro Fire Station #2		Swainsboro
20	Swainsboro Fire Station #3		Swainsboro
21	Georgia Forestry Commission		Swainsboro
22	Swainsboro High School		Swainsboro
23	Swainsboro Middle		Swainsboro
24	Swainsboro Elementary School		Swainsboro
25	Swainsboro Primary School		Swainsboro
26	Emanuel County Courthouse/Sheriff's		Swainsboro
27	Emanuel County County Jail		Swainsboro
28	Swainsboro/Emanuel County Airport		Swainsboro
29	Swainsboro/Emanuel Co. Rec. Dept.		Swainsboro
30	National Guard		Swainsboro
31	Department of Transportation		Swainsboro
32	Emanuel County Pre-K		Swainsboro
33	Head Start		Swainsboro
34	Emanuel County Probation Detention Center		Swainsboro
35	Swainsboro City Hall		Swainsboro
36	Emanuel 9-911/County Offices		Swainsboro
37	Brannon Memorial Library		Swainsboro
38	Emanuel County Board of Education		Swainsboro
39	Emanuel Animal Shelter		Swainsboro
40	CMI "Water and Sewer Operations"		Swainsboro
41	MEAG/GP Substation		Swainsboro
42	Emanuel Co. Road Dept		Swainsboro
43	Kiwanis Community House		Swainsboro
44	Fire Station		Swainsboro
45	Queensboro First National Bank		Swainsboro
46	Ogeechee State Bank		Swainsboro
47	Darien Bank		Swainsboro
48	BB & T Bank		Swainsboro
49	Citizen's Bank		Swainsboro
50	Ogeechee State Bank Branch		Swainsboro
51	Swainsboro 115-12 Substation		Swainsboro
52	Swainsboro Propane		Swainsboro
53	Boys' Youth Ballfield		Swainsboro
54	Swainsboro Emanuel Ballfield		Swainsboro
55	Swainsboro Golf Course		Swainsboro
56	Ingmont Park		Swainsboro
57	Fire Dept Gym		Swainsboro
58	Downtown Park		Swainsboro
59	Bank Yard Pavilion		Swainsboro
60	Dunning Park		Swainsboro
61	Ole Auto Park		Swainsboro
62	Jack Gambrell Park		Swainsboro
63	Swainsboro Central Chamber Development Auth		Swainsboro
64	Morgan Park		Swainsboro
65	Yard Master		Swainsboro
66	Swainsboro Supply		Swainsboro
67	Optum Supply		Swainsboro
68	Forest State Newspaper		Swainsboro
69	Harvey's Super Market		Swainsboro
70	Harvey's Super Market		Swainsboro
71	Sanitary Market		Swainsboro
72	Kiosk		Swainsboro
73	Cell Tower "Verizon"		Swainsboro
74	Jessie Fair Ground		Swainsboro
75	Metallic Tower		Swainsboro
76	Prison Office		Swainsboro
77	First Baptist Church		Swainsboro
78	First Assembly of God		Swainsboro
901	HWY 80 (on left right before Thompson's)		Swainsboro
902	Crump St (off Lakeside Drive)		Swainsboro
903	Prince Ave (off Oak Lawn)		Swainsboro
904	N Ogeechee Bridge Road		Swainsboro
905	Thompson Road (off Mobley)		Swainsboro
906	King Circle Drive		Swainsboro
907	Kincaid Lake Lane		Swainsboro
908	Lake Lurk		Swainsboro
909	Fortune Loop		Swainsboro
910	HWY 56		Swainsboro
911	Empire Expressway		Swainsboro
912	Bulloch St. (off Elmer)		Swainsboro
913	Meadow Lake Rd		Swainsboro
914	Kaiser Rd		Swainsboro
915	Meadow Lake Rd		Swainsboro
916	Meadow Lake Rd (beside 2A station)		Swainsboro
917	Glenwood Rd		Swainsboro
918	Technology Park		Swainsboro
919	Fair Road		Swainsboro
920	Water Well 6 (Morning St)		Swainsboro
921	Water Well 6 (Morning St)		Swainsboro
922	Water Well Hemingway St		Swainsboro
923	Water Tower 8 Main St		Swainsboro
924	Water Tower Hemingway St		Swainsboro
925	Water Well Kite Hwy		Swainsboro
926	Water Well Santa Cinta Drive		Swainsboro
927	Water Well Santa Cinta Drive		Swainsboro
928	Water Well Electric Dr		Swainsboro
929	Water Well Fortune Loop		Swainsboro
930	Water Well Empire Exp		Swainsboro
931	Water Tower Empire Exp		Swainsboro
932	Water Well Hill St		Swainsboro
933	Water Tower Hill St		Swainsboro
934	Treatment Plant Industrial Way		Swainsboro
935	Land Farm Application		Swainsboro
936	LAS Pump Station W. Meadowlake Pkwy		Swainsboro

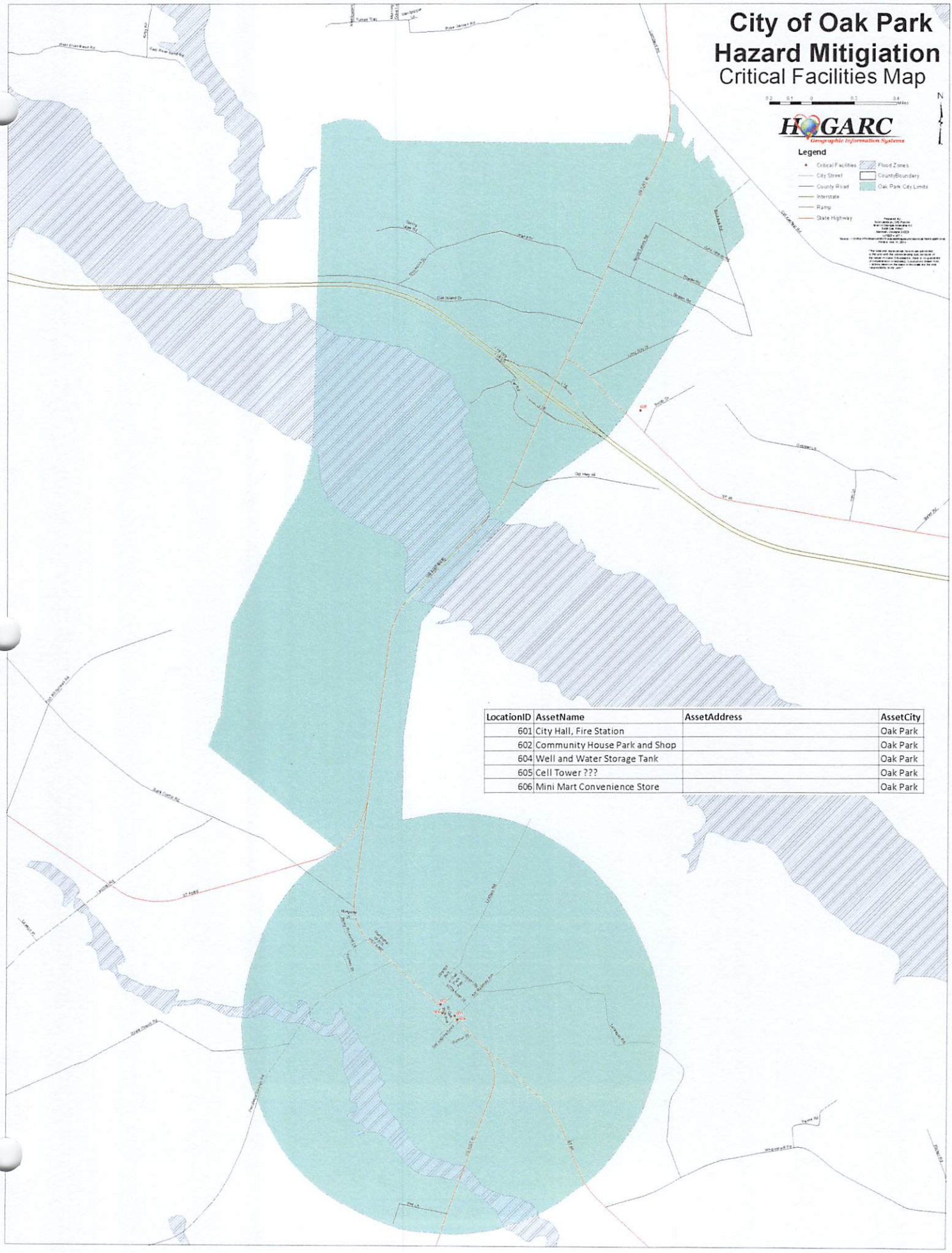
City of Nunez Hazard Mitigation

Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
301	City Hall, Fire Dept, Comm. Center		Nunez
302	Well #1		Nunez
303	Well #2		Nunez
304	Water Storage Tank		Nunez
305	Hooks County Store		Nunez

City of Oak Park
Hazard Mitigation
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
601	City Hall, Fire Station		Oak Park
602	Community House Park and Shop		Oak Park
604	Well and Water Storage Tank		Oak Park
605	Cell Tower ???		Oak Park
606	Mini Mart Convenience Store		Oak Park

City of Adrian
Hazard Mitigiation
Critical Facilities Map

ID	Name	Address	City
105	Fire Station		Adrian
106	City Hall		Adrian
107	Police Dept		Adrian
108	Adrian School of Performing Arts		Adrian
109	Health Dept		Adrian
110	Well #1		Adrian
111	Well #2		Adrian
112	Adrian Community Center		Adrian
113	Water Road & Shop Departments		Adrian
114	Water Storage Tank #1		Adrian
115	Water Storage Tank #2		Adrian
121	Royal Oaks Nursing Home		Adrian
122	Pineland Telephone Co.		Adrian

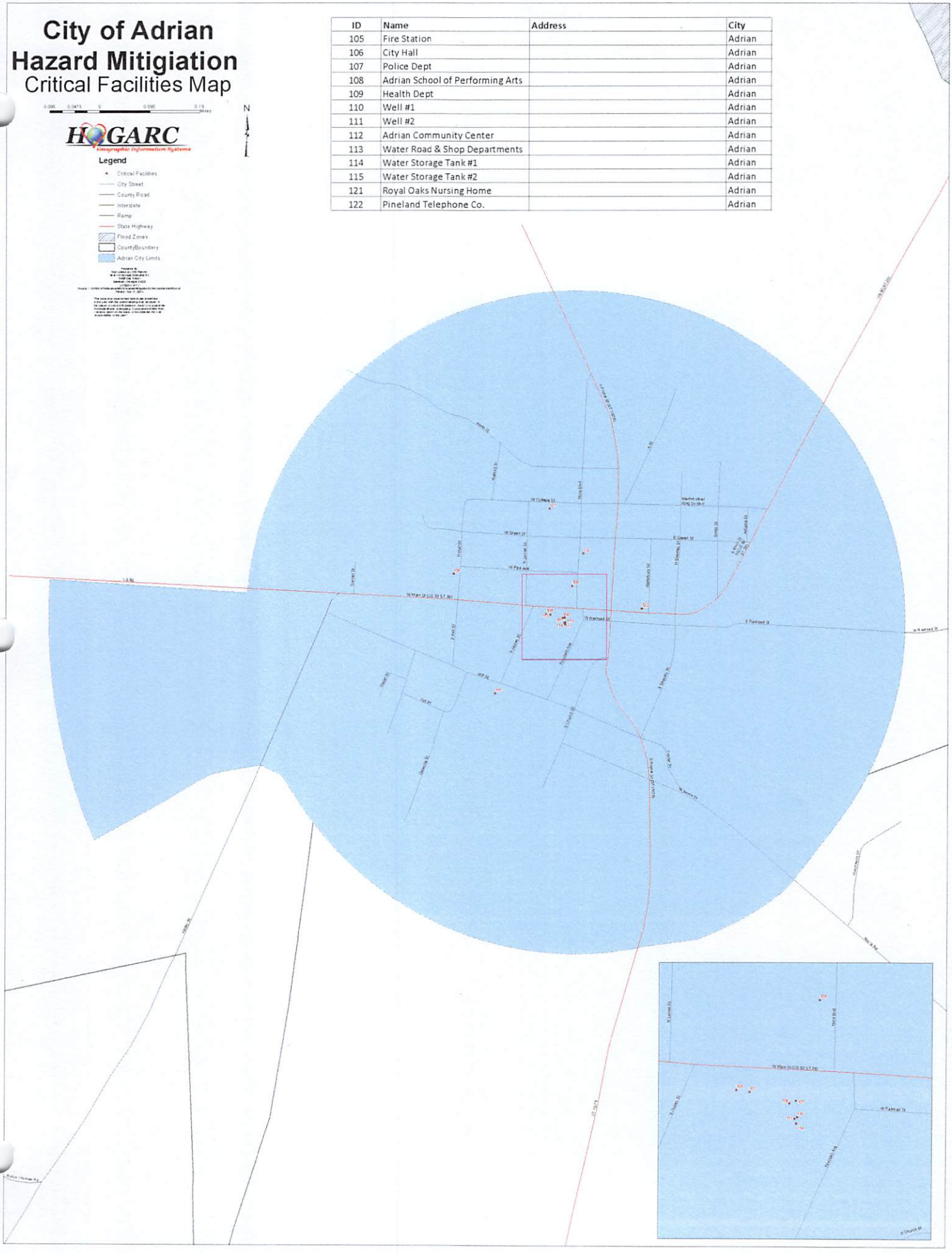
0.095 0.0475 0 0.095 0.19 Miles

N

HOGARC
Geographic Information Systems

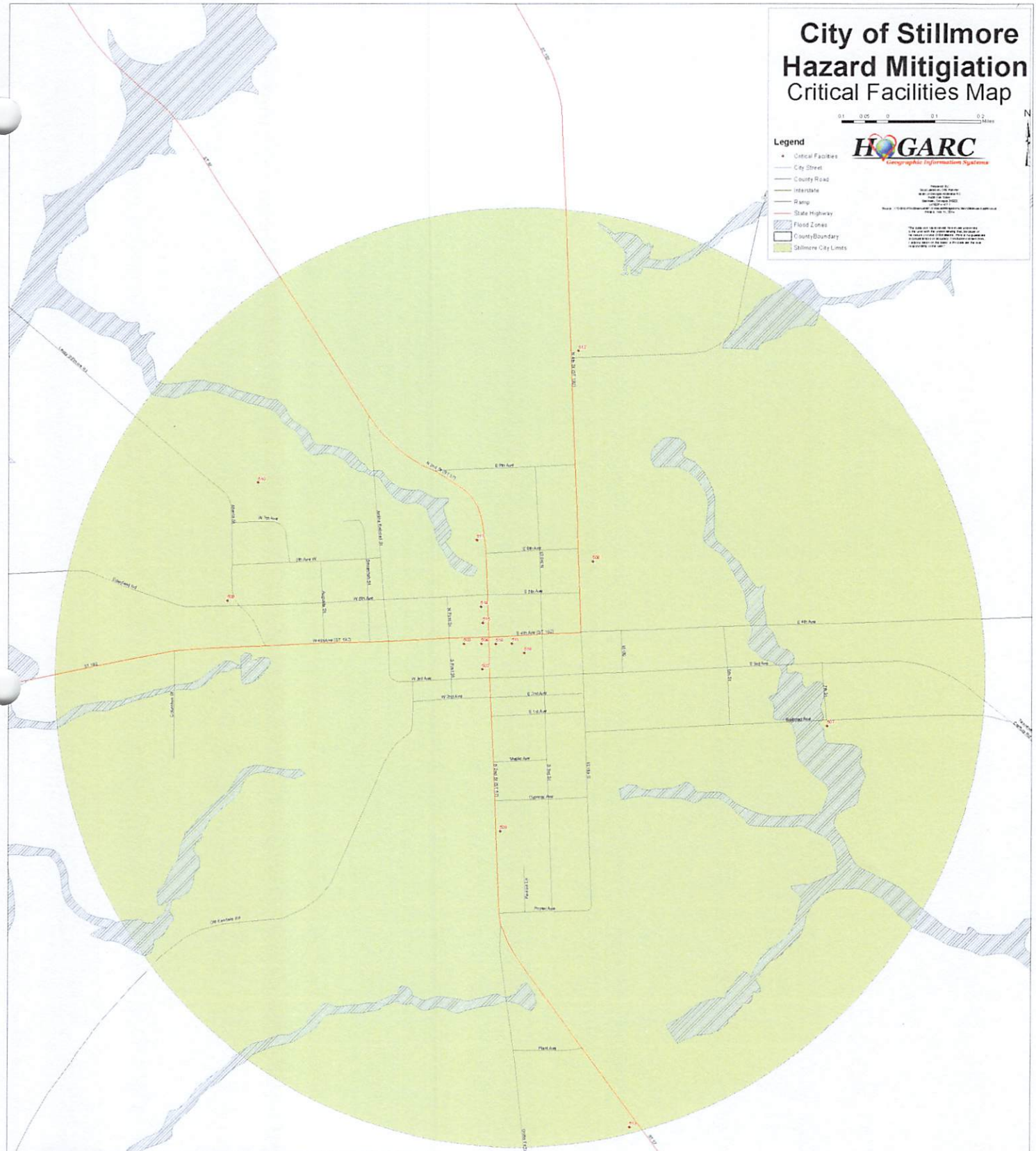
Legend

- Critical Facilities
- City Street
- County Road
- Interstate
- Ramp
- State Highway
- Flood Zones
- CountyBoundary
- Adrian City Limits



City of Stillmore Hazard Mitigiation

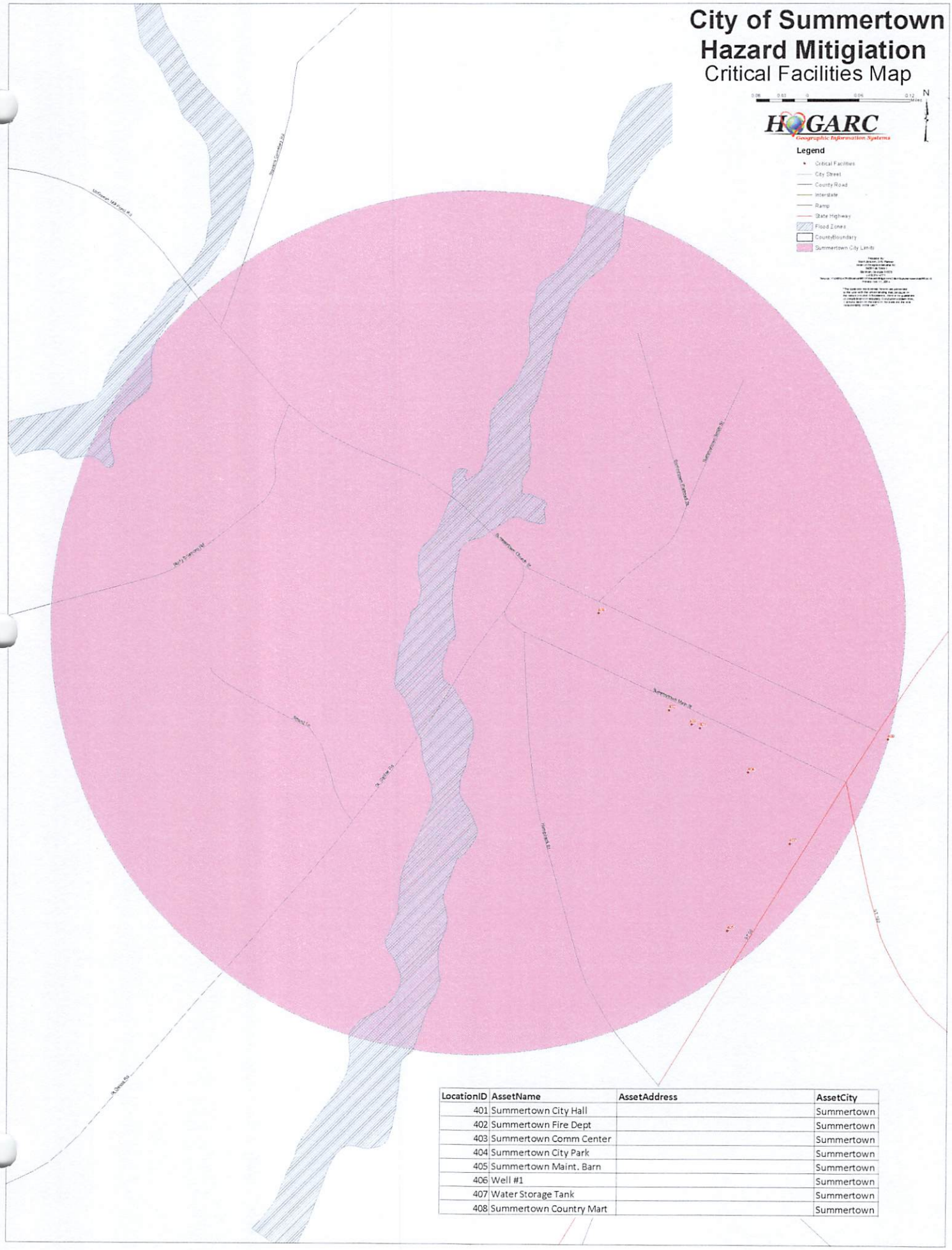
Critical Facilities Map



LocationID	AssetName	AssetAddress	AssetCity
502	City Hall, Police, Fire Dept		Stillmore
503	Community House and Park		Stillmore
504	Maintenance Building, Road and Water Dept		Stillmore
506	David Emanuel Academy		Stillmore
507	Pump Station #1		Stillmore
508	Pump Station #2		Stillmore
509	Pump Station #3		Stillmore
510	Pump Station #4 and Water Water Treatment Pond		Stillmore
511	Well #1 and Water Storage Tank		Stillmore
512	Well #2		Stillmore
513	Crider Well & Tank		Stillmore
514	Time Saver, Mini Mkt		Stillmore
515	Slater's Store		Stillmore
516	Tigna Mexicana		Stillmore
517	Colecraft Bldg (Construction Material on Hand)		Stillmore
518	Coummunication Repeater		Stillmore

City of Summertown Hazard Mitigation

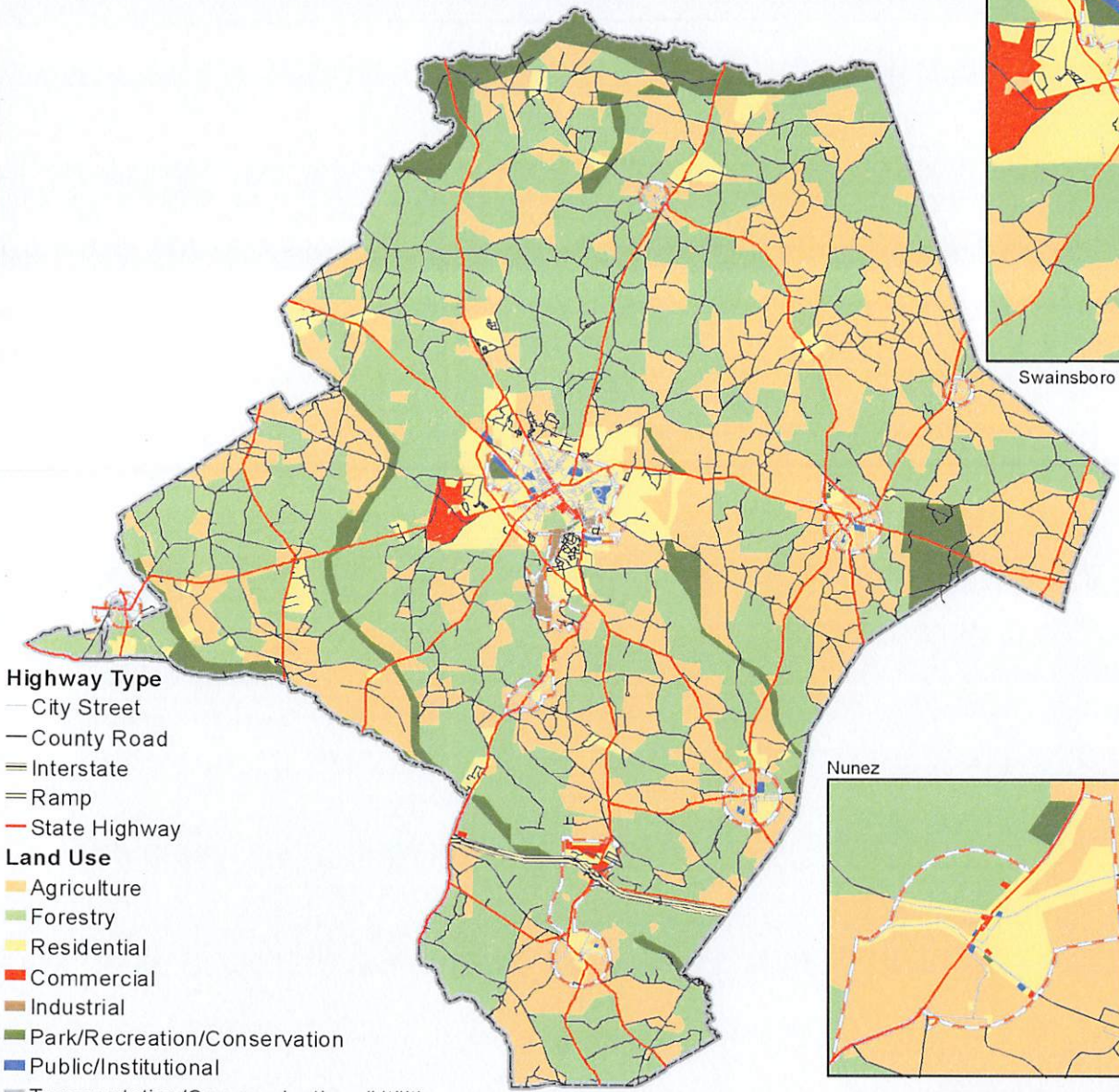
Critical Facilities Map

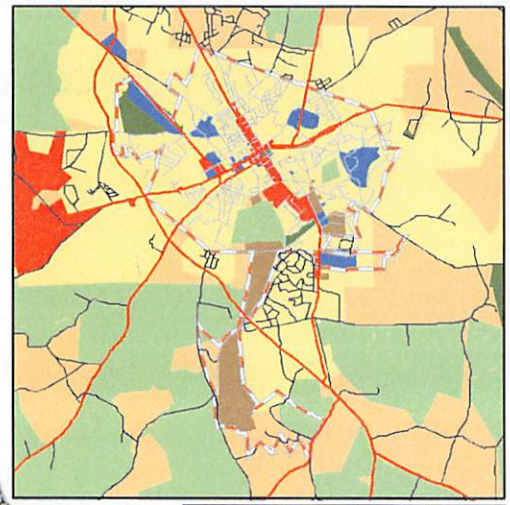


LocationID	AssetName	AssetAddress	AssetCity
401	Summertown City Hall		Summertown
402	Summertown Fire Dept		Summertown
403	Summertown Comm Center		Summertown
404	Summertown City Park		Summertown
405	Summertown Maint. Barn		Summertown
406	Well #1		Summertown
407	Water Storage Tank		Summertown
408	Summertown Country Mart		Summertown

City of Garfield Hazard Mitigation
Critical Facilities Map

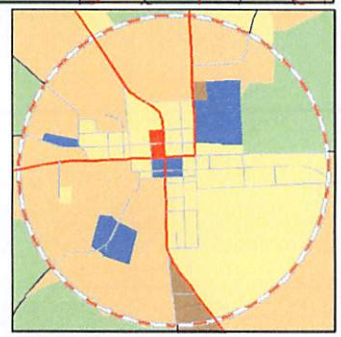
LocationID	AssetName	AssetAddress	AssetCity
701	City Hall		Garfield
702	Fire Dept		Garfield
703	Police Dept		Garfield
704	Community Center		Garfield
705	Garfield City Park		Garfield
706	Maintenance Facility		Garfield
707	Well #1 & Water Storage Tank		Garfield
708	Well #2		Garfield
709	Johnson's Store		Garfield



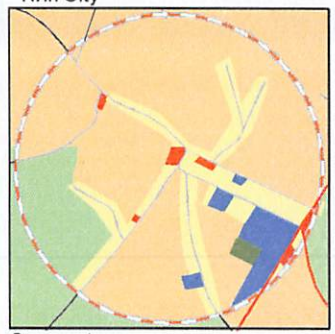


Swainsboro

Twin City



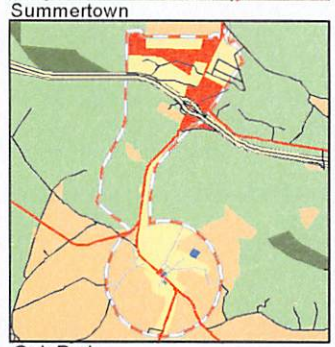
Stillmore



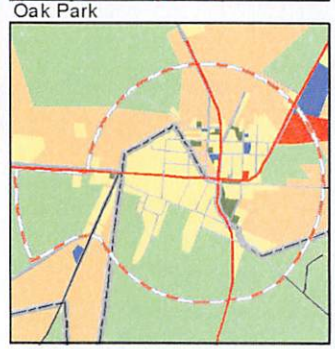
Summertown

Nunez

Garfield



Oak Park



Adrian

Highway Type

- City Street
- County Road
- Interstate
- Ramp
- State Highway

Land Use

- Agriculture
- Forestry
- Residential
- Commercial
- Industrial
- Park/Recreation/Conservation
- Public/Institutional
- Transportation/Communications/Utilities

HOGARC
Geographic Information Systems

N

4 2 0 4 8
Miles

SOURCE: Heart of Georgia Altamaha RC, 2010

"The data sets represented here-in are presented to the user with the understanding that, because of the nature of some GIS datasets, there is no guarantee of completeness or accuracy. Conclusions drawn from, or actions taken on the basis of this data are the sole responsibility of the user."

Emanuel County Land Use Map

GEMA
WORKSHEET
3A

GEMA Worksheet #3a Inventory of Assets

Hazard: Drought, Hailstorm, Hurricane/Tropical Storm, Severe Winter Storm, Tornado, Thunderstorm-Windstorm

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

Type of Structure (Occupancy Class)	# in Community or State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	8128	8128	100.000%	337,336,923.00	337,336,923.00	100.000%	22499	22499	100%
Commercial	2039	2039	100.000%	85,402,098.00	85,402,098.00	100.000%	7324	7324	100%
Industrial	171	171	100.000%	15,533,048.00	15,533,048.00	100.000%	1492	1492	100%
Agricultural	1367	1367	100.000%	70,400,013.00	70,400,013.00	100.000%	133	133	100%
Religious/Non-profit	776	776	100.000%	18,391,533.00	18,391,533.00	100.000%	146	146	100%
Government	745	745	100.000%	64,244,138.00	64,244,138.00	100.000%	1993	1993	100%
Education	238	238	100.000%	17,399,115.00	17,399,115.00	100.000%	7443	7443	100%
Utilities	3	3	100.000%	85,973.00	85,973.00	100.000%	84	84	100%
Total:	13467	13467	100.000%	608,792,841.00	608,792,841.00	100.000%	41114	41114	100%

Task B. Determine whether (and where) you want to collect additional inventory data.

	Y	N
1. Do you know where the greatest damages may occur in your area?		x
2. Do you know whether your critical facilities will be operational after a hazard event?		x
3. Is there enough data to determine which assets are subject to the greatest potential damages?		x
4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?		x
5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?		x
6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?		x
7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?		x

GMIS HAZARD SCORES

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Sara's Personal Care Center	2	75000	2015	2500			0	Medical, EMA	Essential, Important, Vulnerable Population
Swainsboro city	WXRS Radio Station	2	45000	2015	500			0	NGO, EMA	Essential, Important
Swainsboro city	Diamond Propane 56 N	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Swainsboro city	Emanuel County 911 Tower	2	200000	2015	50			0	Emergency Services, Government,	Essential
Emanuel County	Dellwood Fire Station	2	55000	2015	300			0	Emergency Services, Government,	Essential
Swainsboro city	Ranch Park Community Water System	2	67500	2015	1000			0	Government, EMA	Essential, Lifeline
Swainsboro city	Dogwood Community Water System	2	6500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Ogburn Community Water System	2	67500	2015	750			0	Government, EMA	Essential, Lifeline
Swainsboro city	Altell Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Cell Crown Castle	2	250000	2015	250			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Emanuel County Health Department	2	777586	2015	4000			0	Government, EMA	Essential, Lifeline, Important
Swainsboro city	East GA College	2	3600000	2015	12000			0	Government, EMA	Essential
Swainsboro city	Southeastern Technical College	2	120000	2015	8000			0	Government, EMA	Essential, Economic Assets, Special Consideration
Swainsboro city	Emanuel Medical Center/EMS	2	2500000	2015	8000			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro Fire Station #1	2	75000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Swainsboro Fire Station #2	2	67000	2015	500			0	Emergency Services, NGO, EMA	Essential, Important
Swainsboro city	Georgia Forestry Commission	2	57000	2015	2500			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Swainsboro High School	2	3570000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Middle	2	3470000	2015	5000			0	Education, EMA	Essential
Swainsboro city	Swainsboro Elementary School	2	1275000	2015	5000			0	Education, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Swainsboro Primary/ Pre- K School	2	1275000	2015	3000			0	Education, EMA	Essential
Swainsboro city	Emanuel County Courthouse/Sheriff's	2	3727580	2015	4000			0	Law Enforcement, Government,	Essential
Swainsboro city	Emanuel County County Jail	2	3609989	2015	6000			0	Law Enforcement, Government,	Essential, Important, Vulnerable Population
Swainsboro city	Swainsboro/Emanuel County Airport	2	2100000	2015	18000			0	Government, EMA	Essential, Transportation
Swainsboro city	Swainsboro/Emanuel Co. Rec. Dept.	2	2350000	2015	6500			0	Government, EMA	Essential
Swainsboro city	National Guard	2	175000	2015	5000			0	Government, EMA	Essential
Swainsboro city	Department of Transportation	2	315000	2015	7500			0	Government, EMA	Essential
Swainsboro city	Georgia State Patrol	2	127000	2015	3500			0	Government, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Pre-K	2	67000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Head Start	2	48000	2015	500			0	Education, EMA	Essential, Vulnerable Population
Swainsboro city	Emanuel County Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Swainsboro city	Swainsboro City Hall	2	73000	2015	550			0	Government, EMA	Essential
Swainsboro city	Emanuel E-911/County Offices	2	57000	2015	250			0	Emergency Services, Government,	Essential, Lifeline
Swainsboro city	Franklin Memorial Library	2	1296820	2015	5000			0	Government, EMA	Essential
Swainsboro city	Emanuel County Board of Education	2	954926	2015	4500			0	Government, EMA	Essential
Swainsboro city	Emanuel Animal Shelter	2	51600	2015	3000			0	Government, EMA	Essential
Swainsboro city	OMI "Swainboro Public Works"	2	64700	2015	5000			0	Government, EMA	Essential, Lifeline
Swainsboro city	EMC/GP Substation	2	17000	2015	50			0	NGO, EMA	Essential, Lifeline
Swainsboro city	Emanuel Co. Road Dept.	2	47500	2015	590			0	Government, EMA	Essential, Important, Vulnerable Population
Swainsboro city	Vann Community House	2	235000	2015	2500			0	Government, EMA	Essential

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Police Station	2	275000	2015	2500			0	Government, EMA	Essential
Swainsboro city	Ga Power Substation	2	250000	2015	20			0	NGO, EMA	Essential
Swainsboro city	Rec Dept Gym	2	115000	2015	500			0	Government, EMA	Essential
Swainsboro city	Welcome Center/Chamber/ Development	2	108500	2015	1000			0	Government, EMA	Essential, Economic Assets
Swainsboro city	Swainsboro Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Ogburn Supply	2	27000	2015	1000			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Harvey's Super Market	2	3175000	2015	2500			0	NGO, EMA	Essential
Swainsboro city	Sanitary Market	2	125000	2015	1750			0	NGO, EMA	Essential
Swainsboro city	Cell Tower "Verizon"	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Host Media Inc Towe	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	Jaycee Fair Ground	2	150000	2015	5000			0	NGO, EMA	Essential
Swainsboro city	Radio Tower 1590	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Swainsboro city	First Baptist Church	2	400000	2015	2000			0	NGO, EMA	Essential
Swainsboro city	Nunez City Hall/Fire Department	2	100000	2015	900			0	Emergency Services, Government,	Essential, Important, Economic Assets
Summertown town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	HWY 80 (on left right before Thompson's)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Crump St (off Lakeside Drive)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Prince Ave (off Oak Lawn)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	McCloud Bridge Road	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Lift Station #9	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lift Station #10 Advantage Ln	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lake Luck Lift Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station #12	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Sewer Pumping Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Empire Expressway	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Bucklen St. (off Elmer)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Keller Hill	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Meadow Lake Rd (beside LAS station)	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Glennwood Rd	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Technology Park	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Lifestation 22 Oak Crest	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well E Morning St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower E Main St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Herrington St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Kite Rd	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well South Circle Drive	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Electric Dr	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Fortune Loop	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Empire Exp	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Empire Exp	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Well Hill St	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Water Tower Hill St	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	Treatment Plant Industrial Way	2	3000000	2015	10000			0	Government, EMA	Essential, Lifeline, Hazardous Materials, Economic
Swainsboro city	LAS Pump Station W. Meadowlake Pkwy	2	60000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Swainsboro city	WJAT Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Garfield town	Pro Gas	2	18500	2015	500			0	NGO, EMA	Essential, Hazardous Materials
Garfield town	Garfield City Hall	2	50000	2015	300			0	Government, EMA	Essential
Garfield town	Fire Dept	2	17500	2015	1500			0	Emergency Services, Government,	Essential, Lifeline, Important
Garfield town	Garfield Police Department	2	15000	2015	50			0	Emergency Services, Government,	Essential, Important
Garfield town	Garfield Community Center	2	215000	2015	2100			0	Government, EMA	Essential
Garfield town	Well #1 & Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Garfield town	Garfield City Well	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Oak Park City Hall/Police/Fire	2	150000	2015	1000			0	Law Enforcement, Emergency	Essential, Important, Economic Assets
Oak Park town	Community House Park and Shop	2	100000	2015	2000			0	Government, EMA	Essential, Economic Assets

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Oak Park town	Well and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Oak Park town	Cell Tower ???	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Emanuel County	Cross and Green Fire Station	2	40000	2015	500			0	Emergency Services, Government,	Essential
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Cell Tower Alltel	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential, Important
Emanuel County	Summertown City Hall	2	93000	2015	350			0	Government, EMA	Essential
Emanuel County	Summertown Fire Dept	2	17500	2015	50			0	Emergency Services, Government,	Essential, Important
Emanuel County	Summertown Comm Center	2	135000	2015	1891			0	Government, EMA	Essential, Economic Assets
Emanuel County	Summertown City Water Storage	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Nunez town	Water Storage Tank	2	400000	2015	50			0	Emergency Services, Government,	Essential, Lifeline, Hazardous Materials, Economic
Stillmore town	Electrical Substation	2	250000	2015	50			0	NGO, EMA	Essential, Lifeline, Economic Assets
Stillmore town	Stillmore Police Depatment	2	130000	2015	1600			0	Law Enforcement, Emergency	Essential, Important
Stillmore town	Maintenance Building, Road and Water Dept	2	75000	2015	1500			0	Emergency Services, EMA	Essential
Stillmore town	David Emanuel Academy	2	750000	2015	7500			0	Education, NGO, EMA	Essential, Special Consideration
Stillmore town	Pump Station #1	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #2	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #3	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Pump Station #4 and Water Water Treatment Pond	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Stillmore town	Well #1 and Water Storage Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Crider Well & Tank	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Stillmore town	Colecraft Bldg	2	150000	2015	2000			0	NGO, EMA	Essential
Stillmore town	Coummunication Repeater	2	50000	2015	50			0	Law Enforcement, Emergency	Essential, Important, Special Consideration
Twin City city	Canoochee Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Twin City city	Twin City Fire/EMS Station	2	212080	2015	1925			0	Emergency Services, Government,	Essential
Twin City city	Twin City City Hall	2	128590	2015	1925			0	Government, EMA	Essential
Twin City city	Emanuel County Institute	2	1025000	2015	650000			0	Education, EMA	Essential
Twin City city	Twin City Elementary School	2	275000	2015	3000			0	Education, EMA	Essential
Twin City city	Emanuel County /Twin City Health Department	2	65000	2015	250			0	Government, EMA	Essential
Twin City city	Twin View Healthcare	2	204000	2015	6200			0	NGO, EMA	Essential
Twin City city	Twin City Tower	2	20000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Well #2	2	50000	2015	156			0	Government, EMA	Essential, Lifeline
Twin City city	Electrical Substation	2	250000	2015	100			0	NGO, EMA	Essential, Lifeline, Economic Assets
Twin City city	Waste Water Treatment Pond	2	2000000	2015	20000			0	Government, EMA	Essential, Lifeline, Hazardous Materials
Twin City city	Cell Phone Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Utility Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Pump Station	2	75000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Twin City city	Twin City Probation Detention Center	2	267000	2015	4500			0	Law Enforcement, Government,	Essential
Twin City city	SBA Tower	2	250000	2015	50			0	Emergency Services, NGO, EMA	Essential
Twin City city	Forsite Sevice Inc	2	100000	2015	3000			0	NGO, EMA	Essential, Economic Assets
Twin City city	EMCO Metals	2	366381	2015	240000			0	NGO, EMA	Essential, Economic Assets
Adrian city	Norristown Fire Station	2	45000	2015	500			0	Emergency Services, Government,	Essential
Adrian city	Church of Nazarene Camp Ground	2	94000	2015	5500			0	NGO, EMA	Essential
Adrian city	Adrian VFD Station	2	75000	2015	500			0	Emergency Services, Government,	Essential, Important
Adrian city	City Hall	2	45000	2015	2500			0	Government, EMA	Essential, Important
Adrian city	Police Dept	2	115000	2015	2500			0	Emergency Services, Government,	Essential, Important
Adrian city	Well #1	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Well #2	2	60000	2015	20			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Adrian Community Center	2	283000	2015	2787			0	Government, EMA	Essential, Economic Assets
Adrian city	Water Road & Shop Departments	2	55156	2015	1680			0	Government, EMA	Essential, Important
Adrian city	Water Storage Tank #1	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Water Storage Tank #2	2	350000	2015	50			0	Government, EMA	Essential, Lifeline, Hazardous Materials,
Adrian city	Royal Oaks Nursing Home	2	400000	2015	2000			0	Medical, NGO, EMA	Essential, Vulnerable Population

Emanuel Critical Facilities: Wind Hazard - All Hazard Scores										
Jurisdiction	Name	Hazard Score	Value	Replacement Value Year	Building size	Content value	Content value year	Functional Use value	Facility type	Risk
Emanuel County	Substation	2	19500	2015	50			0	Emergency Services, NGO, EMA	Essential, Important

APPENDIX B

EMANUEL COUNTY

EMANUEL COUNTY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED CFS LU IC	2013	Continue to pursue the development of the Emanuel/I-16 Industrial Park, including constructing an asphalt entry road to the first cleared lot	Y	2014						Improvements have been completed at the industrial park including an entry road in 2014.
ED CFS LU IC	2014	Seek the installation of a 500,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park			Y	2018				The project now has approved funding and is anticipated to be complete in late 2018, although water tank size has been reduced to 250,000 gallons.
ED CFS LU IC	2015	Pursue the extension of water infrastructure and wellhead equipment to Lot #1 in the I-16 Industrial Park			Y	2018				The project was now has approved funding and is anticipated to be complete in late 2018.
ED FST LU IC	2015	Seek to design and construct permanent wastewater infrastructure for the I-16 Industrial Park			Y	2018				The project was now has approved funding and is anticipated to be complete in late 2018.
ED CFS LU IC	2017	Pursue the installation of a natural gas line in the I-16 Industrial Park					Y	2021		Project has been postponed until funds become available.
ED CFS LU IC	2013	Continue to seek funding to further upgrade Swainsboro's airport, including constructing a new terminal building, a new community hangar, and other improvements as appropriate	Y	2015						A new terminal building was completed in 2015 along with a new community hangar. The County plans to develop the US 1 entrance to the airport in 2018-2019. The County will also seek to develop signage at the Kite Hwy. entrance. The new Community Work Program will reflect multiple action items in detail relating to airport improvements.

EMANUEL COUNTY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED CFS LU IC	2014	Continue to pursue the reopening of rail access between Swainsboro and Vidalia to assist with the development of the Rayonier Wood and Huber Engineered Wood facilities and other future developments			Y	2020				Annual funding is appropriated by the State of Georgia to continue clearing the old rail line. Currently the rail is open from the City of Oak Park to Swainsboro. Completion of the rail line rehabilitation is anticipated in 2020. An updated description will be provided in the new Community Work Program to reflect a change of industries seeking to utilize the rail line.
ED CFS LU IC	2013	Seek to install a traffic signal and increased community signage along the U.S. 1 Swainsboro Bypass to improve traffic flow and enhance community marketing efforts	Y	2015						A new traffic signal was constructed at the U.S. 1 Bypass and GA Highway 56 intersection. Community "Gateway" signage has been added to two (2) entranceway corridors to the city along U.S. 1 Bypass.
ED NCR HO LU IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action item has been dropped due to lack of community interest.
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands, groundwater recharge areas, and river corridors			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2013	Resurface Lambs Bridge Road	Y	2013						Project was completed with TIA funds in 2013.
CFS	2013	Construct Fairground Road Extension			Y	2018				Project is anticipated to be complete in early 2018.

EMANUEL COUNTY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Resurface Canoochee Road	Y	2014						Project was completed with TIA funds in 2014.
CFS	2016	Resurface Odomville Church Road			Y	2018				Project is anticipated to be complete in 2018.
CFS	2016	Resurface Meeks Road	Y	2016						Project was completed with TIA funds in 2016.
CFS	2016	Resurface Quick Road			Y	2018				Project is anticipated to be complete in 2018.
CFS	2016	Resurface Old Kenfield Road			Y	2018				Project is anticipated to be complete in 2018.
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.

EMANUEL COUNTY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro, Stillmore, and Twin City							Y	Action item has been dropped due to lack of community interest.

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Complete installation of a 250,000 gallon water tower to serve the I-16 Industrial Park and the north side of the City of Oak Park	X							X		Dev. Auth., GEFA, USDA, Rural Dev't	$750,000	X	X	X	
Complete the extension of water infrastructure and wellhead equipment to Lot #1 in the I-16 Industrial Park	X							X		Dev. Auth., DCA (OneGeorgia), GEFA, USDA Rural Dev't, SPLOST	$500,000 (total)	X	X	X	
Construct permanent wastewater infrastructure for the I-16 Industrial Park	X							X		Dev. Auth, DCA (OneGeorgia), GEFA, USDA Rural Dev't, SPLOST	$2.5 million (total)	X	X	X	
Pursue the installation of a natural gas line in the I-16 Industrial Park				X				X		Dev. Auth., DCA (OneGeorgia), GEFA, USDA Rural Dev't, SPLOST	$1.4 million (total)	X	X	X	X
Pursue the reopening of rail access between Swainsboro and Vidalia to assist with, and sustain the development of the Interfor facility and other future developments	X	X	X					X	Swainsboro	Chamber, Dev. Auth., GDOT	N/A (No DOT estimate available)	X	X		

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands, groundwater recharge areas, and river corridors	X							X	All	HOGARC	NA				
Construct Fairground Road Extension	X							X		GDOT TSPLOST	$507,823	X	X		
Resurface Odomville Church Road	X							X		GDOT TSPLOST	$210,000	X	X		
Resurface Quick Road	X							X		GDOT TSPLOST	$350,000	X	X		
Resurface Old Kenfield Road	X							X		GDOT TSPLOST	$840,000	X	X		
Construct additional T-Hangars at the airport		X						X	X	FAA	$300,000	X	X	X	
Develop entranceway signage at GRAD site adjacent to airport (U.S. 1 side)	X							X	Swainsboro		$20,000	X			
Develop Entranceway signage at Kite Highway (S.R. 57) airport entrance	X							X	Swainsboro		$20,000	X			
Develop Animal Control Ordinances	X							X							
Hire Animal Control Officer to enforce new Animal Control Ordinances		X						X			$30,000 (annual)				
Upgrade Animal Shelter		X						X		SPLOST	$150,000	X			

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Review and update County Code of Ordinances			X					X			$20,000				
Resurface 8-9 miles of roadway per year						X		X		LMIG	$1 million	X	X		
Enhance/upgrade road department equipment, as needed						X	X	X			$1.5 million	X	X		
Consolidate green box sites and develop manned convenience centers		X		X				X			$150,000	X			
Construct a new E911/EMA Building		X						X		SPLOST, GEMA	$100,000	X	X		
Upgrade E911 equipment		X						X		911 Fees, SPLOST, GEMA, FEMA	$300,000	X	X	X	
Upgrade Emergency communications infrastructure (handled radios, repeaters, towers, mobiles)			X					X		BOE, EGC, SETC, GSP	$500,000	X			
Collect GIS Data for use with Public Works, Public Safety, Tax Assessor						X		X				X			
Contract service for accessory finder program for Tax Assessor's office	X							X			$25,000	X			

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Solicit personal property auditing services	X	X	X					X			$50,000	X			
Coleman Hotel Renovation (County offices) – Exterior, Interior, All floors	X						X	X		SPLOST	$6 million	X	X	X	
Renovate Mitchell Building Interior & Exterior	X						X	X		SPLOST	$2.5 million	X	X	X	
Community service building renovations: DFACS, Health Department, Ogeechee Health, USDA/Soil & Water Conservation, Cooperative Extension					X		X	X		SPLOST	$1.5 million	X			
Construct a local gun range for public use	X							X		GA DNR	$1.2 million	X	X		
Develop combined Twin City-Emanuel County Recreation Department	X							X	Twin City		NA	X			
Construct two (2) multipurpose soccer/football fields					X			X	Swainsboro		$100,000	X			

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Enhance natural features at Harmon Park (landscaping and playground equipment) and addition of dog park				X				X			$130,000	X			
Bathroom renovations at Harmon Park				X				X			$60,000	X			
Install a new gym floor at the Connie Kight Recreation Center		X						X	X		$95,000	X			
Construct a new community house/multi-use facility					X			X	X		$250,000	X			
Purchase and install an emergency power generator at the Connie Kight Recreation Center	X							X	X	FEMA, GEMA	$60,000	X	X	X	
Reseal parking lot at the recreation complex and Harmon Park		X						X	X		$40,000	X			
Install new playground equipment in various recreation authority maintained parks				X				X		Swainsboro-Emanuel County Rec. Auth.	$65,000	X	X	X	
County branding redesign (logo, seal, slogan)	X							X			$15,000	X			

EMANUEL COUNTY COMPREHENSIVE PLAN
COMMUNITY WORK PROGRAM
2018-2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Develop gateway signage at county lines along state routes			X					X			$40,000	X			
Develop social media outreach program (job postings, monthly employee feature, information dissemination, connection between government and citizens)	X							X			$3,000	X			
Complete TIA Band 3 Projects (Old Savannah Rd., Pendleton Springs Rd., Parrish Pond Rd.)			X	X	X			X		GDOT TIA	$1,792,000	X	X		
Construct a fire training tower			X					X	X	FEMA, GEMA	$70,000	X	X	X	

CITY OF ADRIAN

CITY OF ADRIAN
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	**Initiation Year**	**Description**	**Y/N**	**Year**	**Y/N**	**Est. Comp. Date**	**Y/N**	**Est. Int. Date**	**Y/N**	**Status/Comments**
ED, CFS	2017	Explore the feasibility of establishing a sewer system and pursue funding as appropriate	Y	2015						City received cost estimates on multiple sewer system designs. City determined the cost of investment and continued operation of a sewer system is not financially feasible.
ED, NCR, HO, LU, IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action has been dropped because it is viewed as a long term policy. To conform to the latest planning standards, this action will be moved to the long-term policies section.
NCR	2014	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands, groundwater recharge areas, and river corridors			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2013	Seek funding to pave three remaining unpaved streets	Y	2015						Church Street and A Street have been improved with an all-weather surface.
CFS	2013	Seek to refurbish existing fire hydrants			Y	2020				City has replaced one fire hydrant on Smith Street; Twelve hydrants remain to be replaced or refurbished.
CFS	2013	Seek to complete the interior of the new fire house	Y	2016						Project was completed in 2016.
CFS	2013	Complete the updating of the City's Code of Ordinances to achieve state compliance			Y	2018				City has adopted multiple ordinances pertaining to Water Conservation, Burial Permitting, and Animal Control. City seeks to complete updating of the City Code of Ordinances in 2018.

CITY OF ADRIAN
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Pursue renovations to City Hall, the Community Center, and medical office building	Y	2016						City completed renovations to City Hall and the Community Center in 2016 with funding from county SPLOST funds; the medical office building is no longer in use and is not desired to be renovated.
CFS	2013	Pursue improvements to the City's ballfield	Y	2015						City completed improvements include new paint for various structures and repaired fencing.
LU	2013	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2013	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2013	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.
LU	2013	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro and Twin City							Y	Action item has been dropped due to lack of community interest.

CITY OF ADRIAN
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands, groundwater recharge areas, and river corridors	X								X	HOGARC	NA				
Seek to refurbish or replace 12 existing fire hydrants			X						X		$40,000 (Total)	X			
Complete the updating of the City's Code of Ordinances to achieve state compliance	X								X		$1,000	X			
Replace waterlines throughout city		X							X	DCA CDBG, GEFA, USDA	$300,000	X	X	X	
Seek to acquire old school property and update for city and recreation department use			X						X	Emanuel County BOE	$60,000	X			
Seek to stabilize/renovate the Knapp building in downtown			X						X		$50,000				
Clean and maintain city drainage ditches		X							X		$10,000	X			

CITY OF GARFIELD

CITY OF GARFIELD
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, NCR, HO, LU, IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action has been dropped because it is viewed as a long term policy. To conform to the latest planning standards, this action will be moved to the long-term policies section.
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2016	Acquire one new pump for the City's wells	Y	2016						Action was completed in 2016.
CFS	2017	Pursue funding to construct a new fire station	Y	2016						A new fire station was completed in 2016.
CFS	2015	Seek funding to develop additional property acquired for the City's recreation area			Y	2018				The City is currently developing existing property for use as a recreational area complete with new playground equipment.
CFS	2015	Pursue funding to construct a tennis court							Y	City no longer desires to build a tennis court and will focus on efforts to build a basketball court.
CFS	2015	Seek funding to construct a walking track							Y	Project dropped due to lack funds.
CFS	2012	Seek funding to complete Phase II of renovations to City Hall, including installing a new roof and siding	Y	2012						New roofing and siding were installed on city hall in 2012.
CFS	2012	Pursue funding for drainage improvements along Green and Hall streets			Y	2018				City has completed improvements along Green Street and intends to complete Hall Street improvements in 2018.

CITY OF GARFIELD
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2012	Seek to acquire and clean up abandoned properties			Y	2018				City has formally contacted abandoned property owners to request action by owner.
CFS	2013	Resurface Old Augusta Road	Y	2015						Project was completed in 2015.
CFS	2016	Resurface Sybil Street			Y	2018				Project is on schedule to be completed in late 2017 or early 2018.
HO, IC	2017	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action item has been dropped due to lack of community interest.
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.

CITY OF GARFIELD
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro and Twin City							Y	Action item has been dropped due to lack of community interest.

CITY OF GARFIELD
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands	X								X	HOGARC	NA	X			
Seek funding to develop additional property acquired for the City's recreation area	X								X		$60,000	X			
Pursue funding for drainage improvements along Hall Street	X								X		$15,000	X			
Seek to acquire and clean up abandoned properties	X								X		$20,000	X			
Resurface Sybil Street	X								X	GDOT	$27,128 (TSPLOST)	X			
Resurface Monroe Street			X						X	GDOT LMIG	$25,000	X	X		
Purchase tractor for right of way maintenance		X							X	SPLOST, TSPLOST	$50,000	X			
Purchase speed detection equipment (Radar, Lidar) for patrol vehicles			X						X	SPLOST	$2,500	X			
Purchase one (1) police vehicle	X								X	SPLOST, USDA	$40,000	X		X	

CITY OF GARFIELD
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Purchase one (1) city pick-up truck			X						X		$30,000	X			
Construct new gateway/welcome signage and landscaping at city limits along GA Hwy. 23		X							X	GDOT	$20,000	X	X		
Construct a multipurpose shelter for primary use as a farmers market and event hosting				X					X	USDA	$70,000	X		X	
Replace water meters for accounts north of Monroe Street			X						X	GEFA, USDA	$30,000	X	X	X	
Purchase water filtration system capable of eliminating Manganese in the city water system					X				X	DCA, GEFA, USDA	$225,000	X	X	X	
Purchase digital radio communications equipment for police and city fire vehicles	X								X	USDA	$15,000	X		X	

CITY OF NUNEZ

CITY OF NUNEZ
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, NCR, HO, LU, IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action has been dropped because it is viewed as a long term policy. To conform to the latest planning standards, this action will be moved to the long-term policies section.
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2014	Seek funding to purchase Christmas decorations	Y	2015						Light pole decorations were purchased and are on display during the appropriate season.
CFS	2015	Seek to replace the flooring at City Hall					Y	2018		Item was postponed due to lack of funds.
CFS	2015	Repair fencing around City Hall					Y	2019		Item was postponed due to lack of funds.
CFS	2013	Pursue the construction of a new entrance and parking improvements to the Ball Recreation Park	Y	2015						A new entrance way and parking improvements were completed in 2015.
CFS	2014	Explore the feasibility of constructing a Farmers' Market or other venue in which to hold events at the Ball Recreation Park					Y	2019		Item was postponed due to lack of funds.
CFS	2012	Seek funding to acquire playground equipment	Y	2015						Item was completed in 2015. City received a grant to purchase new playground equipment.
CFS	2012	Pursue funding for fire equipment upgrades, including a brush truck, communications system, and turnout gear			Y	2019				Fire department received new radios in 2015. City is still in pursuit of funding for a brush truck and turnout gear. Item will be modified in the new community work program to reflect the progress made with this item.

CITY OF NUNEZ
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
HO, IC	2017	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action item has been dropped due to lack of community interest.
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro and Twin City							Y	Action item has been dropped due to lack of community interest.

CITY OF NUNEZ
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands	X							X	All	HOGARC	NA				
Seek to replace the flooring at City Hall	X								X		$3,000	X			
Repair fencing around City Hall		X							X		$1,500	X			
Explore the feasibility of constructing a Farmers' Market or other venue in which to hold events at the Ball Recreation Park		X							X		$1,000	X			
Pursue funding for fire equipment upgrades, including a brush truck, and turnout gear		X							X	FEMA, GEMA	$125,000	X	X	X	
Create/contract for garbage collection service for city residents			X						X		Fee for Service	X			
Renovate City Hall Annex	X								X		$15,000	X			
Renovate U.S. Post Office building			X						X		$20,000	X			

CITY OF OAK PARK

CITY OF OAK PARK
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, CFS, LU, IC	2012	Coordinate as needed with Emanuel County and the Joint Development Authorities with the development of the Emanuel/I-16 Industrial Park							Y	The City has dropped this action item due to financial infeasibility. The project is now under control of the Emanuel County Development Authority.
ED, NCR, HO, LU, IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action has been dropped because it is viewed as a long term policy. To conform to the latest planning standards, this action will be moved to the long-term policies section.
NCR	2014	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas, protected river corridors, and wetlands			Y	2018				The City anticipates the adoption of an ordinance in late 2017 or early 2018.
CFS	2014	Seek funding to acquire new turnout gear and a new fire truck					Y	2018		Action was postponed due to lack of available funding.
CFS	2014	Seek funding to acquire lighting for the walking track	Y	2014						Project was completed in 2014.
CFS	2014	Pursue the construction of a new water tower for the City's north side and the new Industrial Park area as feasible							Y	The City has dropped this action item due to financial infeasibility. The project is now under control of the Emanuel County Development Authority.
CFS	2013	Seek to acquire land as feasible to construct a new ballfield			Y	2018				City is currently in negotiations for purchase of adequate land.
CFS	2012	Pursue the establishment of a Moonshine Festival to promote the history of the area as well as to attract visitors	Y	2012						The Oak Park Moonshine Festival was created in 2012 and occurs annually.

CITY OF OAK PARK
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2015	Seek funding to acquire playground equipment	Y	2015						Playground equipment was purchased and placed at the old school to compliment the walking track.
CFS	2013	Seek to utilize the former grammar school building for use as a community center as appropriate							Y	City has decided to drop this action item based on needs of the community. The former grammer school building is now being utilized as a fall festival and event center.
CFS	2013	Pursue the utilization of the former high school as a facility for elderly residents as appropriate	Y	2015						City has renovated the former high school for use as the Moonshine Festival headquarters.
CFS	2013	Update city drainage system including ditches, culverts, etc.			Y	2018				City was awarded a CDBG to improve the drainage system north of Harrington Street. Project is expected to be complete by 2018.
CFS	2013	Establish parking lanes and along Harrington St and at City Hall to be used for parking at city events.					Y	2020		Action was postponed due to lack of funding.
CFS	2013	Acquire signage for parking lanes, gateways, parks, etc.					Y	2019		Action was postponed due to lack of funding.
CFS	2013	Seek funding for street improvements, including resurfacing of 2.1 miles of city streets, speed bumps in sensitive areas, etc.					Y	2019		Action was postponed due to lack of funding.
HO, IC	2017	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action item has been dropped due to lack of community interest.

CITY OF OAK PARK
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	**Initiation Year**	**Description**	**Y/N**	**Year**	**Y/N**	**Est. Comp. Date**	**Y/N**	**Est. Int. Date**	**Y/N**	**Status/Comments**
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro and Twin City							Y	Action item has been dropped due to lack of community interest.
LU	2013	Establish a Beautification Committee to assist in promotion and maintenance of landscaping and aesthetics within the City and along gateways	Y	2012						A committee was formed in 2012 for the purpose of planning citywide events (i.e. Moonshine Festival, holiday celebrations, and city clean up days).

CITY OF OAK PARK
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas, protected river corridors, and wetlands	X								X	HOGARC	NA				
Seek funding to acquire new turnout gear and a new fire truck	X								X	FEMA, GEMA	$200,000	X	X	X	
Seek to acquire land as feasible to construct a new ballfield	X								X		$100,000	X			
Update city drainage system including ditches, culverts, etc.	X								X	DCA (CDBG)	$350,000	X	X	X	
Establish parking lanes along Harrington St and at City Hall to be used for parking at city events			X						X		$2,500	X			

CITY OF OAK PARK
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Acquire signage for parking lanes, gateways, parks, etc.		X							X		$2,000	X			
Seek funding for street improvements, including resurfacing of 2.1 miles of city streets, speed bumps in sensitive areas, etc.		X							X	GDOT (LMIG)	$355,000	X	X		
Purchase new lawnmower or tractor for grass maintenance	X								X	GDOT (TSPLOST)	$20,000	X	X		
Pursue annexation of approximately 7 miles of Interstate 16		X							X		$10,000	X			
Purchase phosphate filtration system for water system				X					X		$10,500	X			
Purchase new radar equipment for police vehicles	X								X	USDA	$5,000	X		X	
Purchase new camera equipment for police vehicles and officers	X								X	USDA	$3,800 each	X		X	
Renovate and expand City Hall					X				X	USDA Loan	$50,000	X		X	
Renovate remaining unfinished rooms in old grammar school building			X						X		$35,000	X			
Implement City property tax and begin collections		X							X		$10,000	X			

CITY OF STILLMORE

CITY OF STILLMORE
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, NCR, HO, LU, IC	2017	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action has been dropped because it is viewed as a long term policy. To conform to the latest planning standards, this action will be moved to the long-term policies section.
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2015	Pursue funding to acquire new street signage	Y	2016						A citywide street sign replacement project was completed in 2016.
CFS	2013	Seek to pave the following streets: Fourth Avenue, Atlanta Avenue, Edenfield Road, Airline Railroad Street, 1st Street, and 2nd Avenue					Y	2020		Action was postponed due to lack of funding.
CFS	2013	Seek to acquire generators for critical facilities (City Hall, firehouse, city well, WWTP) and a portable generator for the lift station					Y	2019		Action was postponed due to lack of funding.
CFS	2015	Construct a new building for the fire department					Y	2020		Action was postponed due to lack of funding. Item will be revised in the new Community Work Program to reflect the city's desire to renovate the existing fire station instead of constructing a new building.
CFS	2014	Pursue funding to acquire a 3,000 gallon tanker truck for the fire department					Y	2020		Action was postponed due to lack of funding.
CFS	2015	Seek to construct a 100,000 gallon water tank					Y	2020		Action was postponed due to lack of funding. Action will be revised to reflect a change in scope from a 100,000 gallon water tank to a 300,000 gallon tank.

CITY OF STILLMORE
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Pursue renovations to the community house, including interior renovations and improved handicapped accessibility					Y	2020		Action was postponed due to lack of funding. Project is anticipated to be completed with SPLOST funding in a newly passed SPLOST referendum.
CFS	2012	Explore the feasibility of potential annexation of outlying areas as appropriate					Y	2021		Action was postponed due to lack of annexation requests.
CFS	2013	Investigate the feasibility of establishing a Chicken Festival to honor local history and heritage					Y	2020		Action was postponed due to lack of interest by citizens groups.
CFS	2012	Pursue funding as needed to acquire a new tractor, auger, and backhoe			Y	2019				City purchased a backhoe in 2012 and anticipates the purchase of a new tractor and auger in 2019.
CFS	2012	Seek the removal of dilapidated housing as appropriate			Y	2022				Since 2012, City of Stillmore has purchased and removed 18 dilapidated houses. This action is anticipated to be complete in 2022.
CFS	2012	Pursue the acquisition of new playground equipment as appropriate					Y	2019		Action was postponed due to lack of funding.
CFS	2012	Explore the feasibility of acquiring land for a new ballfield as appropriate	Y	2015						Land acquisition was determined not to be financially feasible for the construction of a ballfield.
CFS	2013	Pursue the purchase of two commercial lawn mowers for city upkeep			Y	2019				City purchased one commercial lawn mower for city upkeep in 2014. Staff anticipated the purchase of 1 new lawn mower in 2019.
CFS	2012	Pursue funding as needed to upgrade/expand/ promote the Christmas Parade					Y	2020		Action was postponed due to lack of funds.

CITY OF STILLMORE
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Seek to repair/replace pumps at all lift stations as appropriate			Y	2022				Since 2012, the City has replaced one pump in each of the five sewer lift stations. The City anticipated replacing the backup pumps in each of the five lift stations, one pump per year; action to be completed by 2022.
HO, IC	2017	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action item has been dropped due to lack of community interest.
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.

CITY OF STILLMORE
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands	X								X	HOGARC	NA				
Seek to pave the following streets: Fourth Avenue, Atlanta Avenue, Edenfield Road, Airline Railroad Street, 1st Street, and 2nd Avenue			X						X	GDOT	$300,000/mile	X	X		
Seek to acquire generators for critical facilities (city hall, firehouse, city well, WWTP) and a portable generator for the lift station		X							X	FEMA, GEMA	$50,000 each	X	X	X	
Renovate existing fire department building for continued use by the fire department (Old Action: Step Construct a new building for the fire department)			X						X		$75,000	X			
Pursue funding to acquire a 3,000 gallon tanker truck for the fire department			X						X	FEMA, GEMA	$220,000	X	X	X	
Seek to construct a 300,000 gallon water tank			X						X	DCA (CDBG), GEFA, USDA Rural Dev't.	$650,000	X	X	X	
Pursue renovations to the community house, including interior renovations and improved handicapped accessibility			X						X	SPLOST	$30,000	X			
Explore the feasibility of potential annexation of outlying areas as appropriate				X					X		NA				

CITY OF STILLMORE
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Investigate the feasibility of establishing a Chicken Festival to honor local history and heritage			X						X	Garden Club, Private Business	$1,000	X			X
Pursue funding as needed to acquire a new tractor, and auger		X							X		$30,000	X			
Seek the removal of dilapidated housing as appropriate					X				X		$25,000	X			
Pursue the acquisition of new playground equipment as appropriate		X							X		$30,000	X			
Pursue the purchase of a commercial lawn mower for city upkeep		X							X	GDOT (TSPLOST)	$12,000	X			
Pursue funding as needed to upgrade/expand/ promote the Christmas Parade			X						X		$5,000	X			
Seek to repair/replace back-up pumps at all lift stations, one per year	X	X	X	X	X				X	DCA (CDBG), GEFA, USDA	$60,000	X	X	X	
Repaint exterior and reline the interior of the existing water tower					X				X	DCA (CDBG), GEFA	$100,000	X	X	X	
Purchase new pursuit vehicle for police department	X								X	USDA	$50,000	X		X	

CITY OF SUMMERTOWN

CITY OF SUMMERTOWN
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, NCR, HO, LU, IC	2013	Pursue the development of zoning and other supportive countywide land use regulations							Y	Action was dropped due to lack of community interest.
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
CFS	2013	Construct a retaining wall at the Community Center to help improve drainage					Y	2020		Project action was postponed due to lack of funding.
CFS	2016	Seek funding to upgrade software for the City's computer system	Y	2016						The City upgraded computer systems at City Hall in 2016.
HO, IC	2017	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action was dropped due to lack of community interest.

CITY OF SUMMERTOWN
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action was dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action was dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action was dropped due to lack of community interest.
LU	2017	Develop comprehensive land use management or zoning ordinances in the smaller municipalities compatible with zoning and other land use regulations developed countywide and in the cities of Swainsboro, Stillmore, and Twin City							Y	Action was dropped due to lack of community interest.

CITY OF SUMMERTOWN
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands	X								X	HOGARC	NA				
Construct a retaining wall at the Community Center to help improve drainage			X						X		$2,500	X			
Seek to upgrade city playground equipment and park infrastructure		X							X	GA DNR	$20,000	X	X		

CITY OF SWAINSBORO

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
ED, CFS, LU, IC	2013	Construct a new terminal building at the airport	Y	2015						New terminal building construction was completed in 2015.
ED, CFS, LU, IC	2012	Construct a new community hangar at the airport	Y	2015						The new community hanger was completed in 2015.
ED, CFS, LU, IC	2014	Construct additional T-Hangars at the airport					Y	2019		Project has been postponed due to lack of funding.
ED, CFS, LU, IC	2012	Seek funding to provide crack and seal to the runway at the airport	Y	2013						Airport runway was improved with crack and seal in 2013.
ED, CFS, LU, IC	2014	Pursue the reopening of rail access between Swainsboro and Vidalia to assist with the development of the Rayonier Wood and Huber Engineered Wood facilities and other future developments					Y	2019		Annual funding is appropriated by the State of Georgia to continue clearing the old rail line. Currently the rail is open from the City of Oak Park to the City of Swainsboro. Completion of the rail line rehabilitation is anticipated in 2020. An updated description will be provided in the new Community Work Program to reflect a change of industries seeking to utilize the rail line.
ED, CFS, LU, IC	2012	Seek to install a traffic signal and increased community signage along the U.S. 1 Swainsboro Bypass to improve traffic flow and enhance community marketing efforts	Y	2015						A new traffic signal was constructed at the U.S. 1 Bypass and GA Highway 56 intersection. Community "Gateway" signage has been added to two (2) entranceway corridors to the city along U.S. 1 Bypass.
NCR	2017	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
NCR	2012	Complete the establishment of a Historic District for the downtown area	Y	2014						A historic district has been created with proper zoning for the district adopted by city council in 2014.
NCR, CFS	2012	Complete Phase II of downtown streetscape/ lighting/parking improvements	Y	2012						Project was successfully completed in 2012.
CFS	2012	Seek funding to replace those water lines having asbestos and become galvanized	Y	2014						The City successfully completed two (2) CDBG awarded projects in 2012 and 2014 to replace water system deficiencies in the Lucky Street and Lake Luck target areas.
CFS	2012	Replace all clay sewer pipes over four inches in the Lake Luck area and seek funding for other areas of need	Y	2014						The City was awarded CDBG funding to complete sewer and water systems replacement in 2012 (Lucky Street) and 2014 (Lake Luck).
CFS	2013	Seek to construct a SPLASH Pad at the Recreation Complex	Y	2014						Project was completed in 2014.
CFS	2013	Construct a skate park at the Recreation Complex					Y	2019		Project was postponed until funding becomes available.
CFS	2015	Pursue the construction of a dog park			Y	2018				Swainsboro anticipates the completion of the dog park construction in early 2018.
CFS	2013	Construct a new city/county fire station	Y	2016						A new fire station was completed in 2016.
CFS	2017	Acquire a new fire pumper	Y	2016						A new fire pumper truck was purchased in 2016.
CFS	2012	Seek to hire additional full-time firefighters as appropriate			Y	2019				The City has hired firefighters as normal staff turnover has occurred.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2012	Seek to obtain an ISO Class 3 rating	Y	2016						The City has obtained an ISO Class 3 rating for fire protection.
CFS	2012	Purchase laptop computers for all firefighting vehicles as appropriate	Y	2014						Computers were purchased for all firefighting vehicles in 2014. As new technology and software becomes available, the city will review the need for additional upgrades.
CFS	2014	Acquire upgraded computer software for City Hall	Y	2014						City Hall computer software was upgraded in 2014. As new technology and software becomes available, the City will review the need for additional upgrades.
CFS	2012	Pursue the installation of new energy efficient windows at City Hall	Y	2015						New, energy efficient windows were installed at City Hall in 2015.
CFS	2012	Pursue second floor renovations to City Hall and install a new elevator as appropriate					Y	2021		Renovations have been postponed until funding becomes available.
CFS	2012	Acquire a new vacuum sewage truck	Y	2016						A new vacuum sewage truck was purchased in 2016.
CFS	2017	Seek to rehabilitate Lift Station #10					Y	2019		Action has been postponed until funding available.
CFS	2017	Pursue the rehabilitation of Lift Station #3					Y	2019		Action has been postponed until funding available.
CFS	2017	Seek to rehabilitate Lift Station #15					Y	2019		Action has been postponed until funding available.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Element	Initiation Year	Description
CFS	2017	Replace Well Tank #3					Y	2019		Action has been postponed until funding available.
CFS	2017	Purchase a new air compressor and hammer	Y	2016						A new air compressor and hammer were purchased in 2016.
CFS	2012	Acquire a new trash pump	Y	2015						A new trash pump was purchased in 2015.
CFS	2016	Seek to purchase a new meter truck	Y	2015						A new meter truck was purchased in 2015.
CFS	2012	Acquire a new backhoe as appropriate					Y	2019		Action was postponed due to lack of funding.
CFS	2014	Seek to acquire a new mulching machine					Y	2020		Action was postponed due to lack of funding.
CFS	2016	Purchase a new dump truck	Y	2014						A dump truck was purchased in 2014.
CFS	2012	Seek to acquire a new tractor and bush hog as appropriate	Y	2014						A tractor and bush hog (mower) were purchased in 2014.
CFS	2012	Purchase a new boom truck as funds are available	Y	2013						A boom truck was purchased in 2013.
CFS	2013	Obtain state certification for the Police Department					Y	2019		Certification remains a high priority for the police department and the city will seek state certification in 2019.
CFS	2014	Pursue Calea (national) certification for the Police Department					Y	2021		Certification remains a high priority for the police department. National certification will be sought after state certification is obtained.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2012	Acquire a new computer system for the Police Department as funds are available	Y	2014						A computer system was purchased for the police department in 2014. As new technology and software becomes available, the City will review the need for additional upgrades.
CFS	2012	Purchase one new police vehicle per officer as appropriate	Y	2014						This action has been accomplished each year as the City budgets to replace vehicles at their projected end of life.
CFS	2014	Seek to add one new police officer per shift			Y	2018				The police department operates 24 hours a day using 4 shifts. The City has created and hired two (2) new patrol officer slots and assigned them each to a shift. Two (2) shifts remain an officer short and the positions will be filled in 2018.
CFS	2012	Install mobile data terminals for the Police Department	Y	2012						Mobile data terminals (MDTs) were installed in police vehicles in 2012.
CFS	2013	Revise the Police Department's Standard Operating Procedures manual	Y	2016						Standard operating procedures for the police department have been revised and are regularly reviewed to remain current with changes in court rulings and accepted police practices. Action is complete and will be reflected in the long term policies section in accordance with new DCA comprehensive planning requirements.
CFS	2012	Seek to obtain Main Street designation	Y	2016						Swainsboro was designated as a Georgia Main Street Community in 2016.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Pursue the revitalization of the former Dixie Theatre			Y	2018				A new roof was installed on the former Dixie Theatre in 2016. Further renovations to the Dixie Theatre are expected to be completed in 2018.
CFS	2013	Establish a downtown historic tour			Y	2018				The Downtown Development Authority is currently designing and gathering information for various locations to be included in an interactive historic tour.
CFS	2013	Seek to establish a Downtown Façade Incentive grant program as funds are available			Y	2022				The Downtown Development Authority has partnered with downtown businesses to cost share façade renovations. This program is offered on an ongoing basis for downtown business owners.
CFS	2015	Seek funding to construct a facility for long-term evidence storage for the police department					Y	2020		Action was postponed due to lack of funds.
CFS	2015	Seek to acquire an impound yard for the police department					Y	2020		Action was postponed due to lack of funds.
CFS	2013	Resurface North Green Street	Y	2015						Project was completed on schedule as a TSPLOST Band I Project
CFS	2013	Resurface Lambs Bridge Road within the city limits	Y	2015						Project was completed on schedule as a TSPLOST Band I Project
CFS	2013	Resurface North Coleman Street	Y	2015						Project was completed on schedule as a TSPLOST Band I Project
CFS	2013	Resurface East Meadowlake Parkway	Y	2015						Project was completed on schedule as a TSPLOST Band I Project

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Resurface King Circle Drive	Y	2015						Project was completed on schedule as a TSPLOST Band 1 Project
CFS	2013	Resurface Braswell Boulevard	Y	2015						Project was completed on schedule as a TSPLOST Band 1 Project
CFS	2013	Resurface Short Street	Y	2015						Project was completed on schedule as a TSPLOST Band 1 Project
CFS	2016	Resurface Industrial Way	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface Fortune Loop	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface Hill Street	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface Thigpen Drive	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface Oaklawn Drive	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface William Rountree Street	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface Howard Street	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2016	Resurface Prosperity Drive	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
CFS	2016	Resurface West Meadowlake Parkway	Y	2017						Project was completed on schedule as a TSPLOST Band 2 Project
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Construct additional T-Hangars at the airport		X						X	X	FAA	$300,000	X	X	X	
Pursue the reopening of rail access between Swainsboro and Vidalia to assist with, and sustain the development of the Interfor facility and other future developments	X	X	X					X	X	Chamber, Dev. Auth., GDOT	N/A (No DOT estimate available)	X	X		
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for groundwater recharge areas and wetlands	X								X	HOGARC	N/A				
Construct a skate park at the Recreation Complex		X							X		$100,000	X			
Pursue the construction of a dog park	X								X		$25,000	X			
Seek to hire additional full-time firefighters as appropriate		X							X		$160,000	X			
Pursue second floor renovations to City Hall and install a new elevator as appropriate				X					X		$600,000	X			
Seek to rehabilitate Lift Station #10		X							X	DCA (CDBG), GEFA, USDA	$150,000	X	X	X	

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Pursue the rehabilitation of Lift Station #3		X							X	DCA (CDBG), GEFA, USDA	$150,000	X	X	X	
Seek to rehabilitate Lift Station #15		X							X	DCA (CDBG), GEFA, USDA	$150,000	X	X	X	
Replace Well Tank #3		X							X	DCA (CDBG), GEFA, USDA	$1 million	X	X	X	
Acquire a new backhoe as appropriate		X							X		$75,000	X			
Seek to acquire a new mulching machine			X						X		$75,000	X			
Obtain state certification for the Police Department		X							X		$3,000	X			
Pursue CALEA (national) certification for the Police Department				X					X		$5,000	X			
Seek to add one new police officer per shift	X								X	DOJ, Homeland Security	$200,000	X	X	X	
Pursue the revitalization of the former Dixie Theatre	X								X	DDA, DNR (HPD), SPLOST	$1 million	X	X		

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Establish a downtown historic tour	X								X	Chamber, DDA	$5,000	X			
Seek to establish a Downtown Façade Incentive grant program as funds are available					X				X	DDA	$20,000	X			
Seek funding to construct a facility for long-term evidence storage for the police department			X						X		$100,000	X			
Seek to acquire an impound yard for the police department			X						X		$50,000	X			
Complete TIA Band 2 Project *(Downtown Streetscape)*	X	X							X	GDOT TIA, TE	$299,864	X	X		
Complete TIA Band 3 Projects *(Arden Dr., Race Track St., Martin Luther King, Jr., Mcleod Bridge Rd., Old Nunez Rd., East Moring St., Lake Luck Dr., Kite Rd., Moreland Ave.)*			X	X	X				X	GDOT TIA	$1,213,800	X	X		
Purchase new office equipment (computers, software, copier, printers) for City Hall	X	X	X						X	SPLOST	$100,000	X			
Purchase new phone system for City Hall				X					X	SPLOST	$5,000	X			
Purchase new Air Conditioning Unit for City Hall					X				X	SPLOST	$5,000	X			

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Purchase new office equipment (computers, software, copier, printers) for Inspections and Codes Department	X								X		$3,500	X			
Purchase a vehicle for Inspections and Code Department			X						X		$10,000	X			
Purchase and install new LED scoreboards on 7 ballfields	X							X	X		$45,000	X			
Construct two (2) multipurpose soccer/football fields					X			X	X		$100,000	X			
Install a new gym floor at the Connie Kight Recreation Center		X						X	X		$95,000	X			
Construct a new community house/multiuse facility					X			X	X		$250,000	X			
Purchase and install an emergency power generator at the Connie Kight Recreation Center	X							X	X	FEMA, GEMA	$60,000	X	X	X	
Reseal parking lot at the recreation complex and Harmon Park		X						X	X		$40,000	X			
Purchase new fire engine	X								X	FEMA	$400,000	X	X	X	

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Purchase industrial washer, dryer, folding tables, training books, ice machine for fire department, and lights for storage room.	X								X		$21,000	X	X	X	
Purchase drone system for use by the fire department.	X								X	FEMA, GEMA	$6,000	X	X	X	
Upgrade handheld flashlights for all firefighters	X								X	FEMA, GEMA	$3,000	X	X	X	
Purchase color coded attack hoses	X								X	FEMA, GEMA	$8,500	X	X	X	
Install emergency power source for Southside Fire Station	X								X	FEMA, GEMA	$10,000	X	X	X	
Upgrade mobile and portable radios for fire and police departments		X							X		$32,000	X			
Purchase a mobile air and light unit		X							X	FEMA, GEMA	$200,000	X	X	X	
Purchase wildland/rescue gear		X							X	FEMA, GEMA, Ga. Forestry	$10,000	X	X	X	
Purchase Rescue tools set		X							X	FEMA, GEMA	$60,000	X	X	X	
Construct a fire training tower			X					X	X	FEMA, GEMA	$70,000	X	X	X	

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Renovate and expand Southside Fire Station			X						X		$15,000	X			
Purchase a Kieser & Forcible Entry prop			X						X		$2,000	X			
Upgrade personnel pagers			X						X		$20,000	X			
Purchase an AED device for each fire department unit				X					X		$15,000	X			
Seek increased funding for training and uniforms for the fire department	X								X		$12,600	X			
Update 10 self-contained breathing apparatus (SCBA) per year						X			X	FEMA AFG	$300,000	X		X	
Replace 10 sets of turn out gear per year						X			X	FEMA AFG	$175,000	X		X	
Purchase Vetron System Al Units (19 total)						X			X	FEMA AFG	$30,000	X		X	
Improve/upgrade city's early alert system		X	X	X	X				X	FEMA, GEMA	$100,000	X	X	X	

CITY OF SWAINSBORO
Comprehensive Plan Community Work Program
2018 – 2022

	Years							Responsibility			Estimated Cost	Funding Source			
Activity	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Develop an annual traveling art camp to visit citizens throughout the county.				X					X	Emanuel Arts Council	$1,500				X
Seek funding for a school bus to be utilized as a mobile art studio.				X					X	Emanuel Arts Council	$3,000				X
Develop traveling art clubs to provide art classes for students in grades 1-8.			X						X	Emanuel Arts Council, EC BOE	$3,000				X
Create a permanent art gallery within the revitalized Dixie Theatre.			X						X	Emanuel Arts Council	$3,000	X			X
Create an interactive Art Stroll in the City of Swainsboro.			X						X	Emanuel Arts Council, DDA	$2,000	X			X
Develop an annual Festival of the Arts.		X							X	Emanuel Arts Council, DDA	$5,000	X			X
Purchase 1 K-9 (dog) for criminal investigations.		X							X		$12,000	X			
Purchase and install vehicle tag reader system on each patrol vehicle.			X						X		$37,000	X			
Upgrade computer system for Police Department					X				X		$25,000	X			
Replace patrol vehicles as each vehicle approaches end of useful service life						X			X	USDA	$35,000/yr.	X		X	

CITY OF TWIN CITY

CITY OF TWIN CITY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
NCR	2013	Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands			Y	2018				The City anticipates the adoption of an environmental ordinance in late 2017 or early 2018.
NCR	2012	Complete the establishment of a Historic District	Y	2014						A Historic District was confirmed by the State of Georgia in 2012 and by the National Register of Historic Places in 2014.
NCR	2012	Pursue the designation of National Register listing of homes within the Historic District	Y	2014						Homes within the Historic District were included in the 2014 National Register listing.
CFS	2012	Construct a new police station	Y	2013						New police station was constructed in 2013.
CFS	2014	Pursue renovations to City Hall upon completion of the new police department facility					Y	2020		Project has been postponed due to lack of funding.
CFS	2014	Seek funding to upgrade playgrounds and playground equipment					Y	2018		While local private investments for park upgrades have occurred, the City has postponed spending public funds for playground equipment due to lack of funding. Project is anticipated to begin in 2018.
CFS	2014	Pursue funding to acquire additional road/street equipment	Y	2013						City purchased a limb collection truck in 2013.
CFS	2014	Pursue funding for sidewalk improvements					Y	2020		Action has been postponed due to lack of funding.
CFS	2013	Seek funding for curb/gutter improvements in the commercial districts							Y	Action item has been dropped due to lack of immediate need.

CITY OF TWIN CITY
Comprehensive Plan Community Work Program
Report of Accomplishments

			Accomplished		Underway		Postponed		Dropped	
Element	Initiation Year	Description	Y/N	Year	Y/N	Est. Comp. Date	Y/N	Est. Int. Date	Y/N	Status/Comments
CFS	2013	Pursue resurfacing of streets					Y	2019		Action has been postponed due to lack of funding.
HO, IC	2013	Pursue the adoption of Georgia's Uniform Construction Codes countywide, including the development of a coordinated and unified housing/ codes enforcement program							Y	Action item has been dropped due to lack of community interest.
LU	2016	Establish a countywide planning committee or formal planning commission to assist in growth management education, guidance and evaluation of regulation options							Y	Action item has been dropped due to lack of community interest.
LU	2016	Conduct a public education and information gathering campaign to discuss the need and benefits of land use regulation							Y	Action item has been dropped due to lack of community interest.
LU	2017	Develop specific new ordinances identified by the Planning Committee or otherwise as needed to protect existing resources and development, to prevent nuisances and uses disruptive to the community's plans and vision, and to encourage quality growth							Y	Action item has been dropped due to lack of community interest.
LU	2017	Seek to consolidate the various county land use regulations and separate ordinances into a more comprehensive and unified land development ordinance							Y	Action item has been dropped due to lack of community interest.

CITY OF TWIN CITY
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Adopt and enforce a model ordinance based on the Georgia DNR's Part V Environmental Planning Criteria for wetlands	X								X	HOGARC	NA				
Pursue renovations to City Hall upon completion of the new police department facility			X						X	SPLOST	$250,000	X			
Seek funding to upgrade playgrounds and playground equipment	X								X		$30,000	X			
Pursue funding for sidewalk improvements			X						X	GDOT	$500,000	X	X	X	
Pursue resurfacing of streets		X							X	GDOT (LMIG), TSPLOST	$100,000	X	X		
Improve street and drainage conditions in the Coursey Road/Neighborhood			X						X	DCA (CDBG)	$600,000	X	X	X	
Improve street and drainage conditions for Princess Street, Queen Street, and King Street area					X				X	DCA (CDBG)	$600,000	X	X	X	
Rehab each sewer lift station (5 Total) utilizing CIPP relining method		X	X	X					X		$75,000 Total	X			
Complete multi-year audit backlog of city audits to regain QLG status with DCA	X								X		$60,000	X			
Construct new entranceway (gateway) signage along US and GA highway entrances		X							X	GDOT	$60,000	X	X		

CITY OF TWIN CITY
Comprehensive Plan Community Work Program
2018 – 2022

Activity	Years							Responsibility			Estimated Cost	Funding Source			
	2018	2019	2020	2021	2022	Each Year	Beyond 2022	County	City	Other		Local	State	Federal	Private
Inventory and update water meters		X	X						X	USDA	$30,000	X		X	
Stabilize historic log house at Carilee Coleman Park		X							X	GA DNR	$50,000	X	X		
Construct outdoor classroom at Carilee Coleman Park			X						X	GA DNR	$10,000	X	X		
Design and place interpretative signage in Roundtree Park		X							X	GA DNR	$10,000	X	X		
Develop a sidewalk and trail master plan for Twin City and possible route to George L. Smith State Park	X								X	HOGARC, GDOT, GA DNR	20,000		X		
Develop combined Twin City-Emanuel County Recreation Department	X							X	X			X			

APPENDIX C

Census Estimates/ Governor's Office of Planning and Budget Population Estimates

	Adrian	Garfield	Nunez	Oak Park	Stillmore	Summertown	Swainsboro	Twin City
Total Population	558	142	169	647	535	180	7,347	1,860
65 years and older	18.10%	14%	27.30%	10.50%	20.20%	17.30%	14.20%	16.50%
White alone	70.43%	59.85%	27.81%		37.19%	56.11%	35.42%	34.89%
Black or African American	28.13%	40.14%	51.47%		54.39%	43.89%	61.67%	58.76%
American Indian and Alaska Native alone	0.00%	0.00%	0.00%		0.75%	0.00%	0.00%	0.00%
Asian alone	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.21%
Native Hawaiian and Other Pacific Islander alone	0.00%	0.00%	0.00%		0.00%	0.00%	0.00%	0.00%
]Some other race alone	0.00%	0.00%	17.75%		4.29%	0.00%	0.21%	0.37%
Two or more races	1.43%	0.00%	2.95%		3.36%	0.00%	2.68%	5.75%
Poverty	35.60%	12.30%	3.30%	36.60%	23.60%	11.30%	32.20%	19.20%

QuickFacts

Emanuel County, Georgia

QuickFacts provides statistics for all states and counties, and for cities and towns with a ***population of 5,000 or more***.

Table

All Topics	Emanuel County, Georgia
Population estimates, July 1, 2018, (V2018)	**22,612**
PEOPLE	
Population	
Population estimates, July 1, 2018, (V2018)	**22,612**
Population estimates base, April 1, 2010, (V2018)	22,600
Population, percent change - April 1, 2010 (estimates base) to July 1, 2018, (V2018)	0.1%
Population, Census, April 1, 2010	22,598
Age and Sex	
Persons under 5 years, percent	▲ 6.6%
Persons under 18 years, percent	▲ 24.7%
Persons 65 years and over, percent	▲ 16.1%
Female persons, percent	▲ 50.8%
Race and Hispanic Origin	
White alone, percent	▲ 62.8%
Black or African American alone, percent (a)	▲ 34.8%
American Indian and Alaska Native alone, percent (a)	▲ 0.5%
Asian alone, percent (a)	▲ 0.7%
Native Hawaiian and Other Pacific Islander alone, percent (a)	▲ 0.1%
Two or More Races, percent	▲ 1.1%
Hispanic or Latino, percent (b)	▲ 4.5%
White alone, not Hispanic or Latino, percent	▲ 59.1%
Population Characteristics	
Veterans, 2013-2017	1,264
Foreign born persons, percent, 2013-2017	2.0%
Housing	
Housing units, July 1, 2018, (V2018)	9,920
Owner-occupied housing unit rate, 2013-2017	68.2%
Median value of owner-occupied housing units, 2013-2017	$78,500
Median selected monthly owner costs -with a mortgage, 2013-2017	$967
Median selected monthly owner costs -without a mortgage, 2013-2017	$356
Median gross rent, 2013-2017	$569
Building permits, 2018	12
Families & Living Arrangements	
Households, 2013-2017	8,387
Persons per household, 2013-2017	2.59
Living in same house 1 year ago, percent of persons age 1 year+, 2013-2017	85.9%
Language other than English spoken at home, percent of persons age 5 years+, 2013-2017	4.1%
Computer and Internet Use	
Households with a computer, percent, 2013-2017	75.6%
Households with a broadband Internet subscription, percent, 2013-2017	59.4%
Education	
High school graduate or higher, percent of persons age 25 years+, 2013-2017	79.9%
Bachelor's degree or higher, percent of persons age 25 years+, 2013-2017	12.5%
Health	
With a disability, under age 65 years, percent, 2013-2017	13.5%
Persons without health insurance, under age 65 years, percent	▲ 16.0%
Economy	
In civilian labor force, total, percent of population age 16 years+, 2013-2017	53.2%
In civilian labor force, female, percent of population age 16 years+, 2013-2017	51.3%
Total accommodation and food services sales, 2012 ($1,000) (c)	17,421
Total health care and social assistance receipts/revenue, 2012 ($1,000) (c)	69,486

Total manufacturers shipments, 2012 ($1,000) (c)	706,335
Total merchant wholesaler sales, 2012 ($1,000) (c)	89,091
Total retail sales, 2012 ($1,000) (c)	203,297
Total retail sales per capita, 2012 (c)	$8,878
Transportation	
Mean travel time to work (minutes), workers age 16 years+, 2013-2017	27.9
Income & Poverty	
Median household income (in 2017 dollars), 2013-2017	$33,089
Per capita income in past 12 months (in 2017 dollars), 2013-2017	$17,944
Persons in poverty, percent	▲ 27.6%

BUSINESSES

Businesses	
Total employer establishments, 2016	381
Total employment, 2016	5,310
Total annual payroll, 2016 ($1,000)	161,872
Total employment, percent change, 2015-2016	6.1%
Total nonemployer establishments, 2017	1,669
All firms, 2012	1,789
Men-owned firms, 2012	840
Women-owned firms, 2012	768
Minority-owned firms, 2012	583
Nonminority-owned firms, 2012	1,131
Veteran-owned firms, 2012	218
Nonveteran-owned firms, 2012	1,473

GEOGRAPHY

Geography	
Population per square mile, 2010	33.2
Land area in square miles, 2010	680.60
FIPS Code	13107

About datasets used in this table

Value Notes

▲ Estimates are not comparable to other geographic levels due to methodology differences that may exist between different data sources.

Some estimates presented here come from sample data, and thus have sampling errors that may render some apparent differences between geographies statistically indistinguishable. Click the Quick Info left of each row in TABLE view to learn about sampling error.

The vintage year (e.g., V2018) refers to the final year of the series (2010 thru 2018). *Different vintage years of estimates are not comparable.*

Fact Notes

(a) Includes persons reporting only one race
(b) Hispanics may be of any race, so also are included in applicable race categories
(c) Economic Census - Puerto Rico data are not comparable to U.S. Economic Census data

Value Flags

- Either no or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowes interval of an open ended distribution.
D Suppressed to avoid disclosure of confidential information
F Fewer than 25 firms
FN Footnote on this item in place of data
NA Not available
S Suppressed; does not meet publication standards
X Not applicable
Z Value greater than zero but less than half unit of measure shown

QuickFacts data are derived from: Population Estimates, American Community Survey, Census of Population and Housing, Current Population Survey, Small Area Health Insurance Estimates, Small Area Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits.

USDA Census of Agriculture

2017 CENSUS OF AGRICULTURE *County Profile*

Emanuel County
Georgia

Total and Per Farm Overview, 2017 and change since 2012

	2017	% change since 2012
Number of farms	465	+6
Land in farms (acres)	138,527	-9
Average size of farm (acres)	298	-14
Total	($)	
Market value of products sold	33,021,000	-42
Government payments	2,565,000	+20
Farm-related income	3,350,000	+24
Total farm production expenses	30,844,000	-28
Net cash farm income	8,091,000	-58
Per farm average	($)	
Market value of products sold	71,013	-46
Government payments (average per farm receiving)	13,499	+61
Farm-related income	18,304	-11
Total farm production expenses	66,331	-33
Net cash farm income	17,400	-60

(Z) Percent of state agriculture sales

Share of Sales by Type (%)

Crops	85
Livestock, poultry, and products	15

Land in Farms by Use (%) [a]

Cropland	33
Pastureland	7
Woodland	54
Other	6

Acres irrigated: 4,819
3% of land in farms

Land Use Practices (% of farms)

No till	8
Reduced till	7
Intensive till	16
Cover crop	14

Farms by Value of Sales

	Number	Percent of Total [a]
Less than $2,500	229	49
$2,500 to $4,999	41	9
$5,000 to $9,999	45	10
$10,000 to $24,999	48	10
$25,000 to $49,999	42	9
$50,000 to $99,999	15	3
$100,000 or more	45	10

Farms by Size

	Number	Percent of Total [a]
1 to 9 acres	21	5
10 to 49 acres	111	24
50 to 179 acres	185	40
180 to 499 acres	86	18
500 to 999 acres	23	5
1,000 + acres	39	8

2017 CENSUS OF AGRICULTURE *County Profile*

Market Value of Agricultural Products Sold

	Sales ($1,000)	Rank in State [b]	Counties Producing Item	Rank in U.S. [b]	Counties Producing Item
Total	**33,021**	**83**	**159**	**2,077**	**3,077**
Crops	**28,069**	**42**	**159**	**1,458**	**3,073**
Grains, oilseeds, dry beans, dry peas	2,175	39	148	1,911	2,916
Tobacco	476	22	25	189	323
Cotton and cottonseed	12,374	25	90	155	647
Vegetables, melons, potatoes, sweet potatoes	312	47	157	1,116	2,821
Fruits, tree nuts, berries	1,567	46	158	369	2,748
Nursery, greenhouse, floriculture, sod	4,183	20	138	420	2,601
Cultivated Christmas trees, short rotation woody crops	-	-	64	-	1,384
Other crops and hay	6,981	37	155	365	3,040
Livestock, poultry, and products	**4,952**	**102**	**159**	**2,445**	**3,073**
Poultry and eggs	(D)	100	158	(D)	3,007
Cattle and calves	1,815	66	158	2,206	3,055
Milk from cows	-	-	64	-	1,892
Hogs and pigs	1,042	9	129	594	2,856
Sheep, goats, wool, mohair, milk	(D)	(D)	153	(D)	2,984
Horses, ponies, mules, burros, donkeys	23	78	145	2,112	2,970
Aquaculture	(D)	33	54	(D)	1,251
Other animals and animal products	1	95	141	1,768	2,878

Total Producers [c] 725

Sex

Male	451
Female	274

Age

<35	72
35 – 64	385
65 and older	268

Race

American Indian/Alaska Native	-
Asian	1
Black or African American	35
Native Hawaiian/Pacific Islander	-
White	689
More than one race	-

Other characteristics

Hispanic, Latino, Spanish origin	2
With military service	86
New and beginning farmers	259

Percent of farms that:

Have internet access	74
Farm organically	-
Sell directly to consumers	4
Hire farm labor	23
Are family farms	98

Top Crops in Acres [d]

Cotton, all	19,933
Peanuts for nuts	7,235
Forage (hay/haylage), all	4,545
Soybeans for beans	2,878
Corn for grain	1,329

Livestock Inventory (Dec 31, 2017)

Broilers and other meat-type chickens	(D)
Cattle and calves	7,063
Goats	721
Hogs and pigs	178
Horses and ponies	331
Layers	2,464
Pullets	74
Sheep and lambs	199
Turkeys	(D)

See 2017 Census of Agriculture, U.S. Summary and State Data, for complete footnotes, explanations, definitions, commodity descriptions, and methodology.

[a] May not add to 100% due to rounding. [b] Among counties whose rank can be displayed. [c] Data collected for a maximum of four producers per farm. [d] Crop commodity names may be shortened; see full names at www.nass.usda.gov/go/cropnames.pdf. [e] Position below the line does not indicate rank. (D) Withheld to avoid disclosing data for individual operations. (NA) Not available. (Z) Less than half of the unit shown. (-) Represents zero.

USDA is an equal opportunity provider, employer, and lender.

Tax Structure Form

Emanuel County Tax Structure Information

Pre-Disaster Hazard Mitigation Planning

Type of Structure (Occupancy Class)	# of Structures in Community	100% Value ($) of Structures in Community
Residential	8,128	337,336,923
Commercial	2,039	85,402,098
Industrial	171	15,533,048
Agricultural	1,367	70,400,013
Religious/non-profit	776	18,391,533
Government	745	64,244,138
Education	238	17,399,115
Utility	3	85,973
Total	13,467	608,792,841

When complete, please send by fax or email to:

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
OR
Email: mbritt@hogarc.org
FAX: 912.367.3640

Hazard Risk Analysis Report

Hazard Risk Analyses
Supplement to the Emanuel County Joint Hazard Mitigation Plan

HOGA
Regional Commission
Geospatial Information Systems

TABLE OF CONTENTS

TABLE OF CONTENTS 1
Introduction 4
Risk Assessment Process Overview 4
County Inventory Changes 4
General Building Stock Updates 5
Essential Facility Updates 7
Assumptions and Exceptions 8
Hurricane Risk Assessment 9
Hazard Definition 9
Probabilistic Hurricane Scenario 12
Wind Damage Assessment 12
Wind-Related Building Damages 12
Essential Facility Losses 13
Shelter Requirements 14
Debris Generated from Hurricane Wind 15
Flood Risk Assessment 16
Hazard Definition 16
Riverine 1% Flood Scenario 17
Riverine 1% Flood Building Damages 18
Riverine 1% Flood Essential Facility Losses 19
Riverine 1% Flood Shelter Requirements 20
Riverine 1% Flood Debris 21
Tornado Risk Assessment 22
Hazard Definition 22
Hypothetical Tornado Scenario 23
EF3 Tornado Building Damages 25
EF3 Tornado Essential Facility Damage 26
Exceptions Report 27
Statewide Inventory Changes 27
County Inventory Changes 27
General Building Stock Updates 27
User Defined Facilities 29

List of Tables

Table 1: GBS Building Exposure Updates by Occupancy Class* 5
Table 2: Updated Essential Facilities 7
Table 3: Saffir-Simpson Hurricane Wind Scale 10
Table 4: Tropical Systems affecting Emanuel County 11
Table 5: Hurricane Wind Building Damage 13
Table 6: Wind-Damaged Essential Facility Losses 14
Table 7: Displaced Households and People 14
Table 8: Wind-Related Debris Weight (Tons) 15
Table 9: Emanuel County Riverine 1% Building Losses 18
Table 10: Expected Damage to Essential Facilities in 1% Riverine Flood 19
Table 11: Enhanced Fujita Tornado Rating 22
Table 12: Tornado Path Widths and Damage Curves 23
Table 13: EF3 Tornado Zones and Damage Curves 24
Table 14: Estimated Building Losses by Occupancy Type 25
Table 15: Essential Facility Updates 27
Table 16: Building Inventory Default Adjustment Rates 28
Table 17: Building Count and Exposure for County and Riverine Flood Area 29

List of Figures

Figure 1: Emanuel County Overview 6
Figure 2: Continental United States Hurricane Strikes: 1950 to 2014 9
Figure 3: Wind Speeds by Storm Category 12
Figure 4: Hurricane Wind GBS Loss Ratios 13
Figure 5: Hurricane Wind Shelter Requirements 14
Figure 6: Wind-Related Debris Weight (Tons) 15
Figure 7: Riverine 1% Flood Inundation 17
Figure 8: Potential UDF Loss Ratios from the 1% Riverine Flood 18
Figure 9: Damaged Buildings in 1% Riverine Flood 19
Figure 10: Estimated Flood Shelter Requirements in 1% Riverine Flood 20
Figure 11: Flood Debris Weight (Tons) in 1% Riverine Flood 21
Figure 12: EF Scale Tornado Zones 23
Figure 13: Hypothetical EF3 Tornado Path 24
Figure 14: Modeled EF3 Tornado Damage Buffers 25
Figure 15: Modeled Essential Facility Damage in Emanuel County 26

Introduction

The Federal Disaster Mitigation Act of 2000 (DMA2K) requires state, local, and tribal governments to develop and maintain a mitigation plan to be eligible for certain federal disaster assistance and hazard mitigation funding programs.

Mitigation seeks to reduce a hazard's impacts, which may include loss of life, property damage, disruption to local and regional economies, and the expenditure of public and private funds for recovery. Sound mitigation must be based on a sound risk assessment that quantifies the potential losses of a disaster by assessing the vulnerability of buildings, infrastructure, and people.

In recognition of the importance of planning in mitigation activities, FEMA Hazus-MH, a powerful disaster risk assessment tool based on geographic information systems (GIS). This tool enables communities of all sizes to predict estimated losses from floods, hurricanes, earthquakes, and other related phenomena and to measure the impact of various mitigation practices that might help reduce those losses.

In **2020**, the Georgia Department of Emergency Management partnered with The **Heart of Georgia Altamaha Regional Commission** (**HOGARC**) to develop a detailed risk assessment focused on defining hurricane, riverine flood and tornado impacts for Georgia. This assessment identifies the characteristics and potential consequences of the disaster, how much of the community could be affected by the disaster, and the impact on community assets. In the following years, the Georgia Association of Regional Commissions (GARC) are utilizing this workflow to define impacts in other counties in Georgia. This document provides the results for Emanuel County.

Risk Assessment Process Overview

Hazus-MH Version 2.2 SP1 was used to perform the analyses for Emanuel County. The Hazus-MH application includes default data for every county in the US. This Hazus-MH data was derived from a variety of national sources and in some cases the data are also several years old. Whenever possible, using local provided data is preferred. Emanuel County provided building inventory information from the county's property tax assessment system. This section describes the changes made to the default Hazus-MH inventory and the modeling parameters used for each scenario.

County Inventory Changes

The default Hazus-MH site-specific point inventory was updated using data compiled from the Georgia Emergency Management Agency (GEMA). The default Hazus-MH aggregate inventory (General Building Stock) was also updated prior to running the scenarios. Reported losses reflect the updated data sets.

General Building Stock Updates

General Building Stock (GBS) is an inventory category that consists of aggregated data (grouped by census geography — tract or block). Hazus-MH generates a combination of site-specific and aggregated loss estimates based on the given analysis and user input.

The GBS records for Emanuel County were replaced with data derived from parcel and property assessment data obtained from Emanuel County. The county provided property assessment data was current as of January 2020 and the parcel data current as of January 2020. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary; then, each parcel point was linked to an assessor record based upon matching parcel numbers. The parcel assessor match-rate for Emanuel County is **99.5%**. The generated building inventory represents the approximate locations (within a parcel) of structures. The building inventory was aggregated by census block. Both the tract and block tables were updated. Table 1 shows the results of the changes to the GBS tables by occupancy class.

Table 1: GBS Building Exposure Updates by Occupancy Class*

Occupancy Classification	Default Count	Updated Count	Default Exposure	Updated Exposure
Agricultural	67	22	$ 13,652,000	$ 15,326,000
Commercial	544	672	$ 264,043,000	$ 547,538,000
Education	17	5	$ 21,823,000	$ 4,994,000
Government	31	11	$ 24,160,000	$ 7,032,000
Industrial	140	8	$ 132,761,000	$ 11,600,000
Religious	77	10	$ 47,923,000	$ 4,897,000
Residential	9482	10563	$ 1,269,153,000	$ 1,205,595,000
Total	**10358**	**11291**	**$ 1,773,515,000**	**$ 1,796,982,000**

*The exposure values represent the total number and replacement cost for all Emanuel County Buildings

For Emanuel County, the updated GBS was used to calculate hurricane wind losses. The flood losses and tornado losses were calculated from building inventory modeled in Hazus-MH as User-Defined Facility (UDF)[1], or site-specific points. Figure 1 shows the distribution of buildings as points based on the county provided data.

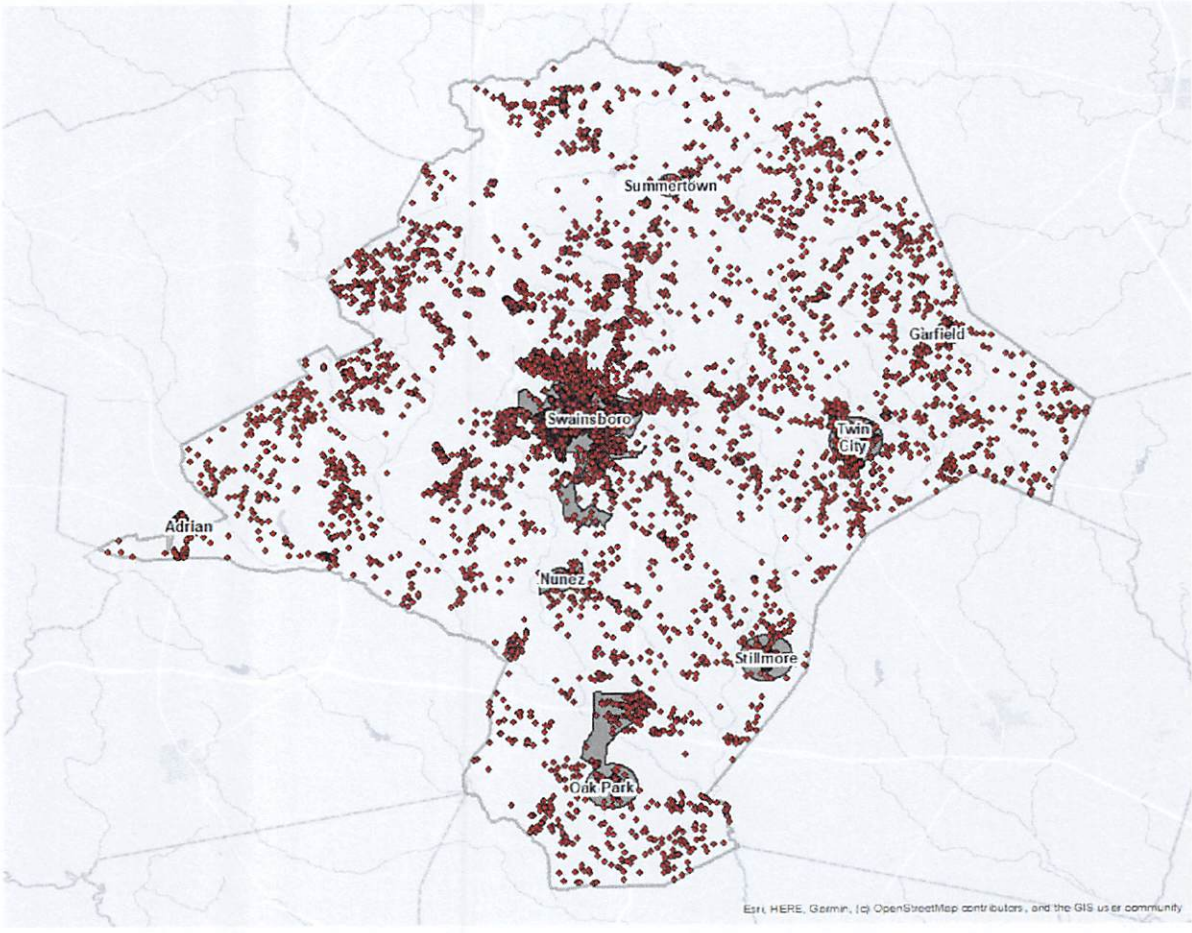


Figure 1: Emanuel County Overview

[1] The UDF inventory category in Hazus-MH allows the user to enter site-specific data in place of GBS data.

Essential Facility Updates

The default Hazus-MH essential facility data was updated to reflect improved information available in the Georgia Mitigation Information System (GMIS). For these risk analyses, only GMIS data for buildings that Hazus-MH classified as Essential Facilities was integrated into Hazus-MH because the application provides specialized reports for these five types of facilities. Essential Facility inventory was updated for the analysis conducted for this report. The following table summarizes the counts and exposures, where available, by Essential Facility classification of the updated data for the county.

Essential facilities include:

- Care facilities
- EOCs
- Fire stations
- Police stations
- Schools

Table 2: Updated Essential Facilities

Classification	Updated Count	Updated Exposure
Emanuel County		
EOC	1	$ 75,000
Care	1	$ 3,500,000
Fire	12	$ 1,495,000
Police	11	$ 9,925,000
School	12	$ 18,982,000
Total	**37**	**$ 33,977,000**

Classification	Updated Count	Updated Exposure
Swainsboro		
EOC	1	$ 75,000
Care	1	$ 3,500,000
Fire	2	$ 385,000
Police	4	$ 8,850,000
School	9	$ 16,482,000
Total	**17**	**$ 29,292,000**

Classification	Updated Count	Updated Exposure
Adrian		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 85,000
Police	1	$ 125,000
School	0	$ -
Total	**2**	**$ 210,000**

Classification	Updated Count	Updated Exposure
Garfield		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 65,000
Police	1	$ 15,000
School	0	$ -
Total	**2**	**$ 80,000**

Classification	Updated Count	Updated Exposure
Nunez		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 200,000
Police	0	$ -
School	0	$ -
Total	**1**	**$ 200,000**

Classification	Updated Count	Updated Exposure
Oak Park		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 150,000
Police	1	$ 150,000
School	0	$ -
Total	**2**	**$ 300,000**

Classification	Updated Count	Updated Exposure
Stillmore		
EOC	0	$ -
Care	0	$ -
Fire	0	$ -
Police	1	$ 150,000
School	1	$ 825,000
Total	**2**	**$ 975,000**

Classification	Updated Count	Updated Exposure
Summertown		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 25,000
Police	0	$ -
School	0	$ -
Total	**1**	**$ 25,000**

Classification	Updated Count	Updated Exposure
Twin City		
EOC	0	$ -
Care	0	$ -
Fire	1	$ 225,000
Police	2	$ 475,000
School	2	$ 1,675,000
Total	**5**	**$ 2,375,000**

Assumptions and Exceptions

Hazus-MH loss estimates may be impacted by certain assumptions and process variances made in this risk assessment.

- The Emanuel County analysis used Hazus-MH Version 2.2 SP1, which was released by FEMA in May 2015.
- County provided parcel and property assessment data may not fully reflect all buildings in the county. For example, some counties do not report not-for-profit buildings such as government buildings, schools and churches in their property assessment data. This data was used to update the General Building Stock as well as the User Defined Facilities applied in this risk assessment.
- GBS updates from assessor data will skew loss calculations. The following attributes were defaulted or calculated:
    - Foundation Type was set from Occupancy Class
    - First Floor Height was set from Foundation Type
    - Content Cost was calculated from Replacement Cost
- It is assumed that the buildings are located at the centroid of the parcel unless building footprints are used. For this analysis of Emanuel County, **parcel centroids** were used.
- The essential facilities extracted from the GMIS were only used in the portion of the analysis designated as essential facility damage. They were not used in the update of the General Building Stock or the User Defined Facility inventory.

The hazard models included in this risk assessment included:

- Hurricane assessment which was comprised of a wind only damage assessment
- Flood assessment based on the 1% annual chance event that includes riverine assessments
- Tornado assessment based on GIS modeling

Hazard Definition

The National Hurricane Center describes a hurricane as a tropical cyclone in which the maximum sustained wind is, at minimum, 74 miles per hour (mph)[2]. The term hurricane is used for Northern Hemisphere tropical cyclones east of the International Dateline to the Greenwich Meridian. The term typhoon is used for Pacific tropical cyclones north of the Equator west of the International Dateline. Hurricanes in the Atlantic Ocean, Gulf of Mexico, and Caribbean form between June and November with the peak of hurricane season occurring in the middle of September. Figure 2 shows that many hurricanes have impacted the Atlantic and Gulf coasts of the United States.

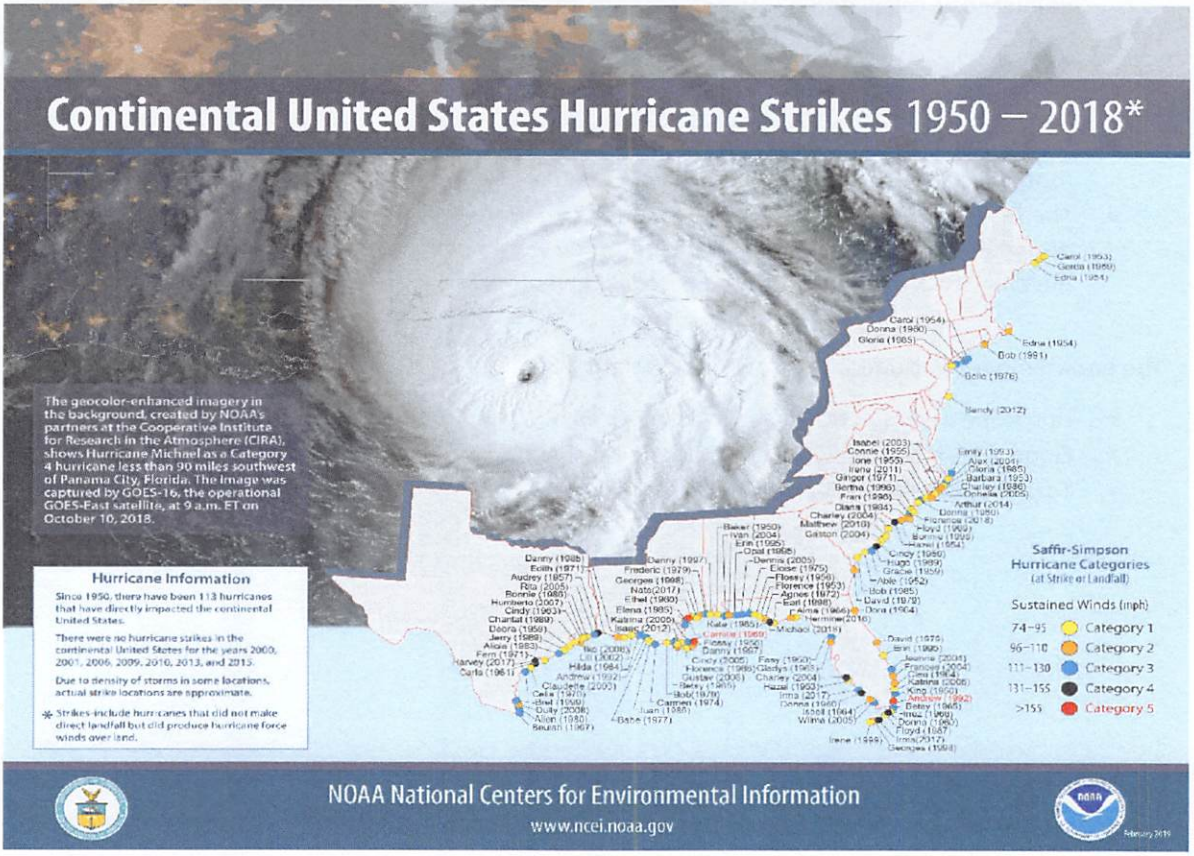


Figure 2: Continental United States Hurricane Strikes: 1950 to 2018[3]

Hurricane intensities are measured using the Saffir-Simpson Hurricane Wind Scale (Table 3). This scale is a 1 to 5 categorization based on the hurricane's intensity at the indicated time.

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[2] National Hurricane Center (2011). "Glossary of NHC Terms." National Oceanic and Atmospheric Administration. http://www.nhc.noaa.gov/aboutgloss.shtml#h. Retrieved 2-23-2012.

[3] Source: NOAA National Climatic Data Center

Table 3: Saffir-Simpson Hurricane Wind Scale

Category	Wind Speed (mph)	Damage
1	74 – 95	Very dangerous winds will produce some damage
2	96 – 110	Extremely dangerous winds will cause extensive damage
3	111 - 130	Devastating damage will occur
4	131 -155	Catastrophic damage will occur
5	> 155	Catastrophic damage will occur

Hurricanes bring a complex set of impacts. The winds from a hurricane produce a rise in the water level at landfall called storm surge. Storm surges produce coastal flooding effects that can be as damaging as the hurricane's winds. Hurricanes bring very intense inland riverine flooding. Hurricanes can also produce tornadoes that can add to the wind damages inland. In this risk assessment, only hurricane winds, and coastal storm surge are considered.

The National Oceanic and Atmospheric Administration's National Hurricane Center created the HURDAT database, which contains all of the tracks of tropical systems since the mid-1800s. This database was used to document the number of tropical systems that have affected Emanuel County by creating a 20-mile buffer around the county to include storms that didn't make direct landfall in Emanuel County but impacted the county. Since 1851, Emanuel County has had 54 tropical systems within 20 miles of its county borders (Table 4).

Table 4: Tropical Systems affecting Emanuel County

Year	Month	Day	Name	Wind (Knots)	Category	Year	Month	Day	Name	Wind (Knots)	Category
1851	August	24	NOTNAMED	60	TS	1940	August	12	NOTNAMED	55	TS
1852	October	10	NOTNAMED	60	TS	1940	August	12	NOTNAMED	40	TS
1856	August	31	NOTNAMED	60	TS	1941	October	8	NOTNAMED	55	TS
1871	August	28	NOTNAMED	30	TD	1946	October	8	NOTNAMED	35	TS
1871	August	28	NOTNAMED	30	TD	1947	October	8	NOTNAMED	20	TD
1871	August	28	NOTNAMED	30	TD	1949	August	28	NOTNAMED	45	TS
1877	October	3	NOTNAMED	50	TS	1953	September	1	NOTNAMED	30	TD
1877	October	4	NOTNAMED	40	TS	1953	September	1	NOTNAMED	25	TD
1885	October	12	NOTNAMED	50	TS	1956	September	25	FLOSSY	35	E
1886	July	1	NOTNAMED	55	TS	1964	August	29	CLEO	30	TD
1887	October	20	NOTNAMED	30	TD	1964	August	30	CLEO	30	TD
1887	October	20	NOTNAMED	30	TD	1964	September	12	DORA	35	TS
1894	October	9	NOTNAMED	70	H1	1964	September	13	DORA	35	TS
1898	August	31	NOTNAMED	60	TS	1968	June	7	ABBY	45	TS
1898	August	31	NOTNAMED	50	TS	1968	June	7	ABBY	30	TD
1901	September	18	NOTNAMED	35	TS	1968	June	8	ABBY	30	TD
1902	June	15	NOTNAMED	35	TS	1972	June	20	AGNES	30	TD
1904	Novemeber	4	NOTNAMED	30	TD	1985	November	22	KATE	65	H1
1909	July	2	NOTNAMED	25	TD	1986	August	14	CHARLEY	10	SD
1911	August	28	NOTNAMED	50	TS	1986	August	14	CHARLEY	10	SD
1911	August	29	NOTNAMED	45	TS	1986	August	14	CHARLEY	10	SD
1911	August	29	NOTNAMED	35	TS	1990	October	12	MARCO	20	E
1915	August	3	NOTNAMED	40	TS	1995	June	6	ALLISON	30	TD
1915	August	3	NOTNAMED	40	TS	1998	September	3	EARL	45	TS
1929	October	1	NOTNAMED	40	TS	1998	September	3	EARL	40	E
1935	September	5	NOTNAMED	60	TS	2006	June	14	ALBERTO	35	TS
1940	August	12	NOTNAMED	60	TS	2006	June	14	ALBERTO	30	TD

Category Definitions:
TS – Tropical storm
TD – Tropical depression
CAT_1 – Category 1 (same format for 2, 3, 4 and 5)
E – Extra-tropical cyclone

Probabilistic Hurricane Scenario

The following probabilistic wind damage risk assessment modeled a Category 1 storm with maximum winds of 80 mph.

Wind Damage Assessment

Wind losses were determined from probabilistic models run for the Category 1 storm which equates to the 1% chance storm event. Figure 3 shows wind speeds for the modeled hurricane.

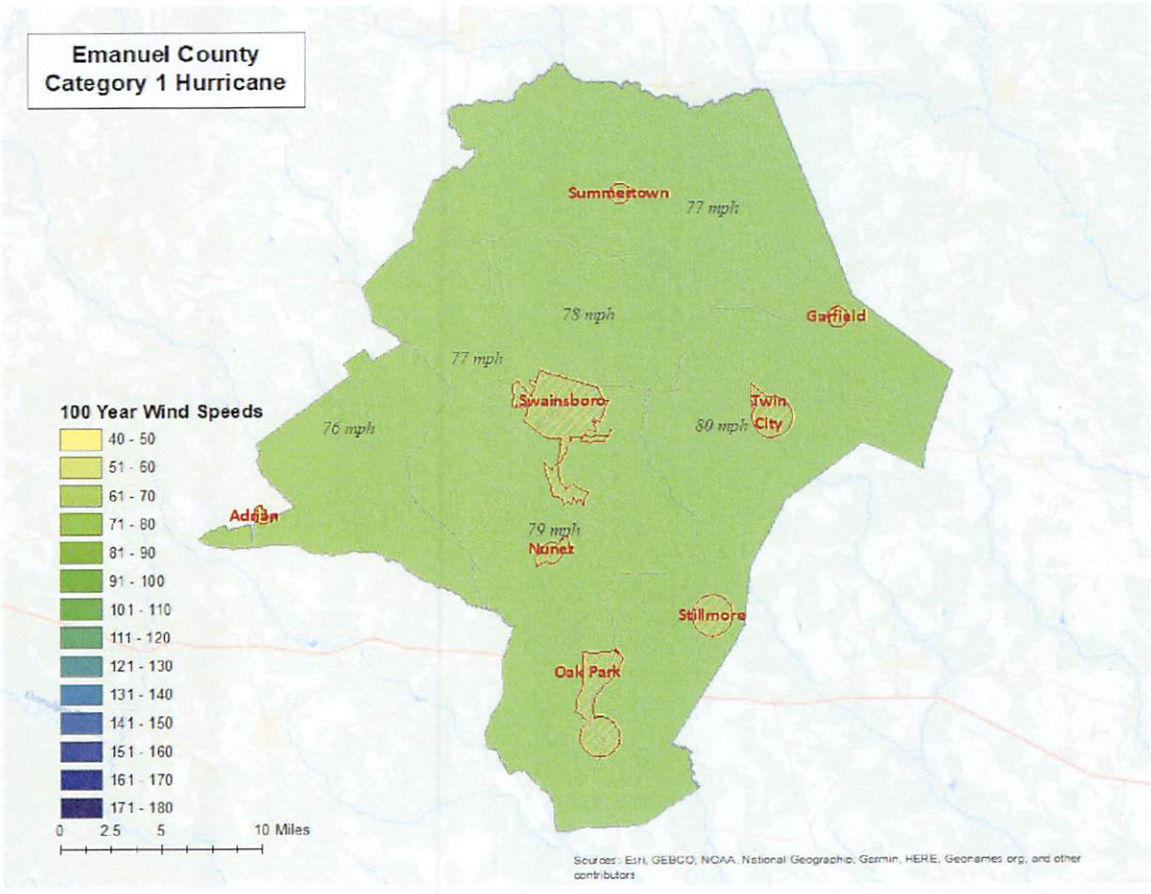


Figure 3: Wind Speeds by Storm Category

Wind-Related Building Damages

Buildings in Emanuel County are vulnerable to storm events, and the cost to rebuild may have significant consequences to the community. The following table shows a summary of the results of wind-related building damage in Emanuel County for the Category 1 (100 Year Event) storm. The loss ratio expresses building losses as a percentage of total building replacement cost in the county. Figure 4 illustrates the building loss ratios of the modeled Category 1 storm.

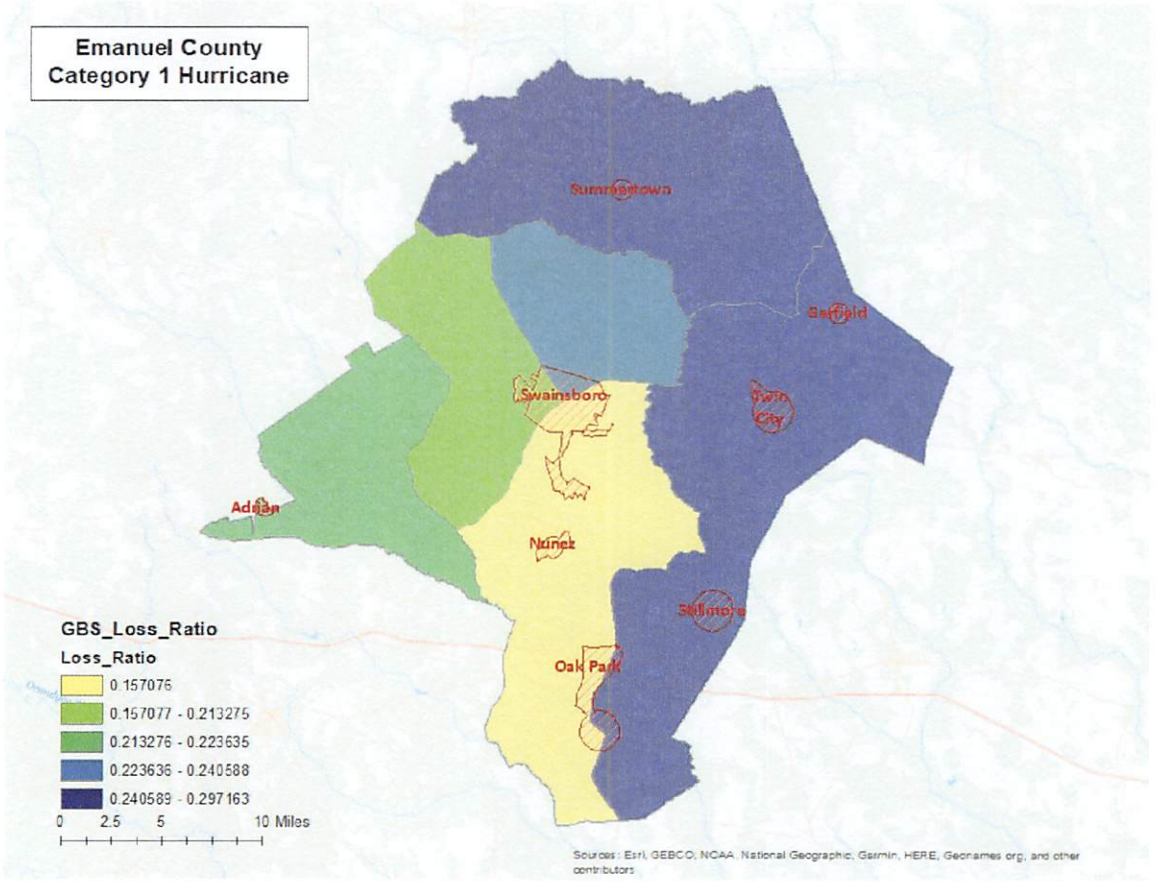


Figure 4: Hurricane Wind GBS Loss Ratios

Table 5 shows the Hurricane Wind Building Damage results including the number of buildings damaged, total building damage, and economic loss.

Table 5: Hurricane Wind Building Damage

Storm Classification	Number of Damaged Buildings	Building Damages	Total Economic Loss	Loss Ratio
Category 1	120	$3,907,450	$ 5,499,220	0.22

Essential Facility Losses

Essential facilities are also vulnerable to storm events, and the potential loss of functionality may have significant consequences to the community. Hazus-MH identified the essential facilities that may be moderately or severely damaged by winds. The results are compiled in Table 6.

There are 37 essential facilities in Emanuel County.

Classification	Number
EOC	1
Care	1
Fire	12
Police	11
School	12
Total	**37**

Table 6: Wind-Damaged Essential Facility Losses

Storm Classification	Facilities Moderately Damaged (>50%)	Facilities Completely Damaged (>50%)	Facilities with expected loss (<1day)
Category 1	37	0	37

Shelter Requirements

Hazus-MH estimates the number of households evacuated from buildings with severe damage from high velocity winds as well as the number of people who will require short-term sheltering. The results are listed in Table 7 and mapped in Figure 5.

Table 7: Displaced Households and People

Storm Classification	# of Displaced Households	# of People Needing Short-Term Shelter
Category 1	0	0

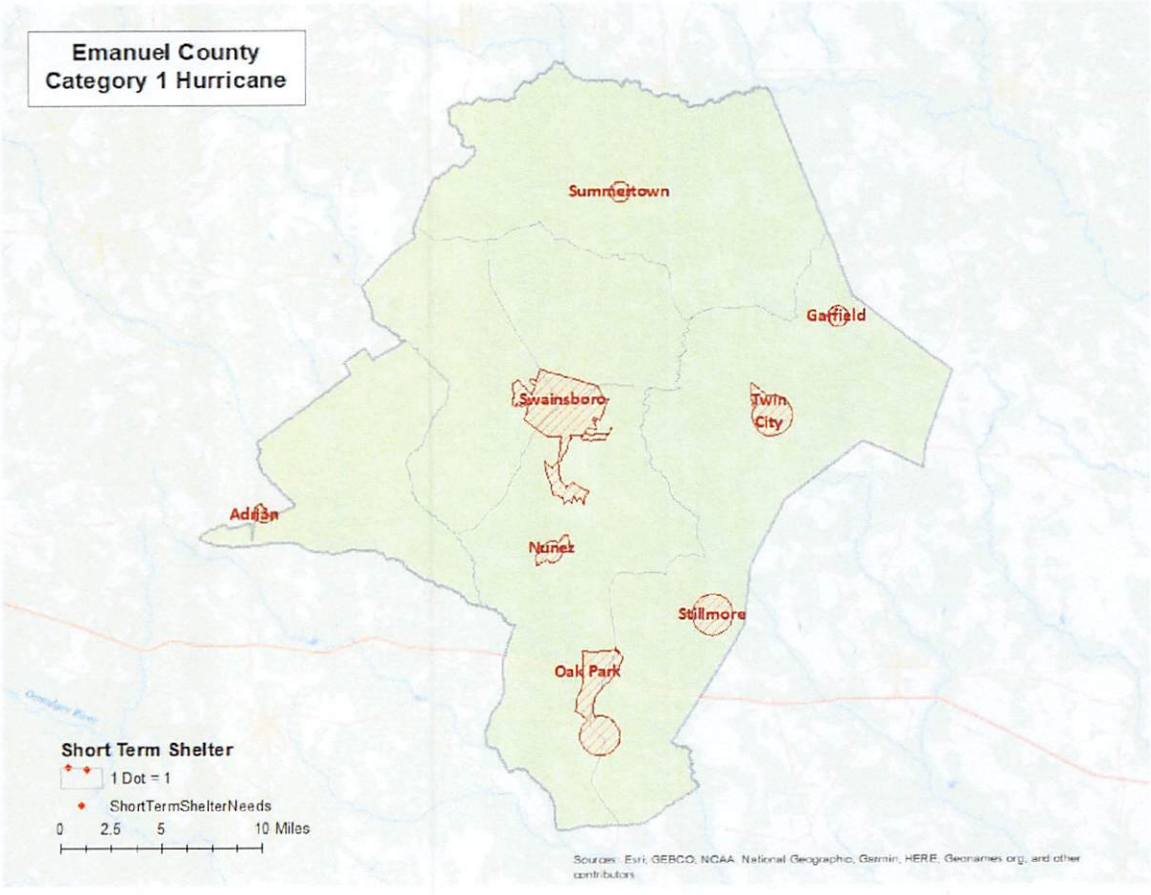


Figure 5: Hurricane Wind Shelter Requirements

Debris Generated from Hurricane Wind

Hazus-MH estimates the amount of debris that will be generated by high velocity hurricane winds and quantifies it into three broad categories to determine the material handling equipment needed:

- Reinforced Concrete and Steel Debris
- Brick and Wood and Other Building Debris
- Tree Debris

Different material handling equipment is required for each category of debris. The estimates of debris for this scenario are listed in Table 8. The amount of hurricane wind related tree debris that is estimated to require pick up at the public's expense is listed in the eligible tree debris column.

Table 8: Wind-Related Debris Weight (Tons)

Storm Classification	Brick, Wood, and Other	Reinforced Concrete/Steel	Tree Debris	Other Tree Debris	Total
Category 1	399	-	3,715	82,104	86,218

Figure 6 shows the distribution of all wind related debris resulting from a Category 1 hurricane. Each dot represents 20 tons of debris within the census tract in which it is located. The dots are randomly distributed within each census tract and therefore do not represent the specific location of debris sites.

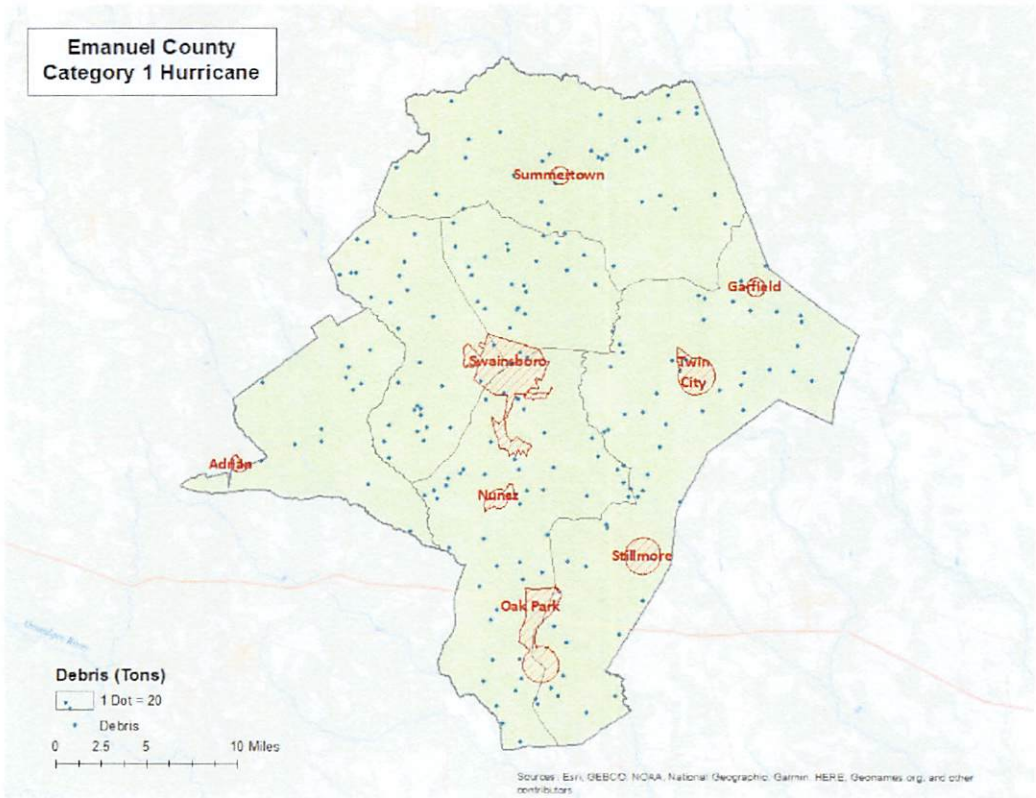


Figure 6: Wind-Related Debris Weight (Tons)

Flood Risk Assessment

Hazard Definition

Flooding is a significant natural hazard throughout the United States. The type, magnitude, and severity of flooding are functions of the amount and distribution of precipitation over a given area, the rate at which precipitation infiltrates the ground, the geometry and hydrology of the catchment, and flow dynamics and conditions in and along the river channel. Floods can be classified as one of three types: upstream floods, downstream floods, or coastal floods.

Upstream floods, also called flash floods, occur in the upper parts of drainage basins and are generally characterized by periods of intense rainfall over a short duration. These floods arise with very little warning and often result in locally intense damage, and sometimes loss of life, due to the high energy of the flowing water. Flood waters can snap trees, topple buildings, and easily move large boulders or other structures. Six inches of rushing water can upend a person; another 18 inches might carry off a car. Generally, upstream floods cause damage over relatively localized areas, but they can be quite severe in the local areas in which they occur. Urban flooding is a type of upstream flood. Urban flooding involves the overflow of storm drain systems and can be the result of inadequate drainage combined with heavy rainfall or rapid snowmelt. Upstream or flash floods can occur at any time of the year in Georgia, but they are most common in the spring and summer months.

Downstream floods, also called riverine floods, refer to floods on large rivers at locations with large upstream catchments. Downstream floods are typically associated with precipitation events that are of relatively long duration and occur over large areas. Flooding on small tributary streams may be limited, but the contribution of increased runoff may result in a large flood downstream. The lag time between precipitation and time of the flood peak is much longer for downstream floods than for upstream floods, generally providing ample warning for people to move to safe locations and, to some extent, secure some property against damage.

Coastal floods occurring on the Atlantic and Gulf coasts may be related to hurricanes or other combined offshore, nearshore, and shoreline processes. The effects of these complex interrelationships vary significantly across coastal settings, leading to challenges in the determination of the base (1-percent-annual-chance) flood for hazard mapping purposes. Land area covered by floodwaters of the base flood is identified as a Special Flood Hazard Area (SFHA). The Emanuel County flood risk assessment analyzed at risk structures in the SFHA.

> The SFHA is the area where the National Flood Insurance Program's (NFIP) floodplain management regulations must be enforced and the area where the mandatory purchase of flood insurance applies. The owner of a structure in a high-risk area must carry flood insurance, if the owner carries a mortgage from a federally regulated or insured lender or servicer.

The following probabilistic risk assessment involves an analysis of a 1% annual chance riverine flood event.

Riverine 1% Flood Scenario

Riverine losses were determined from the 1% flood boundaries downloaded from the FEMA Flood Map Service Center in **July 2020**. The flood boundaries were overlaid with the USGS 10 meter DEM using the Hazus-MH Enhanced Quick Look tool to generate riverine depth grids. The riverine flood depth grid was then imported into Hazus-MH to calculate the riverine flood loss estimates. Figure 7 illustrates the riverine inundation boundary associated with the 1% annual chance. Please note that the riverine flooding may not take into account elevated housing or raised Base Flood Elevation.

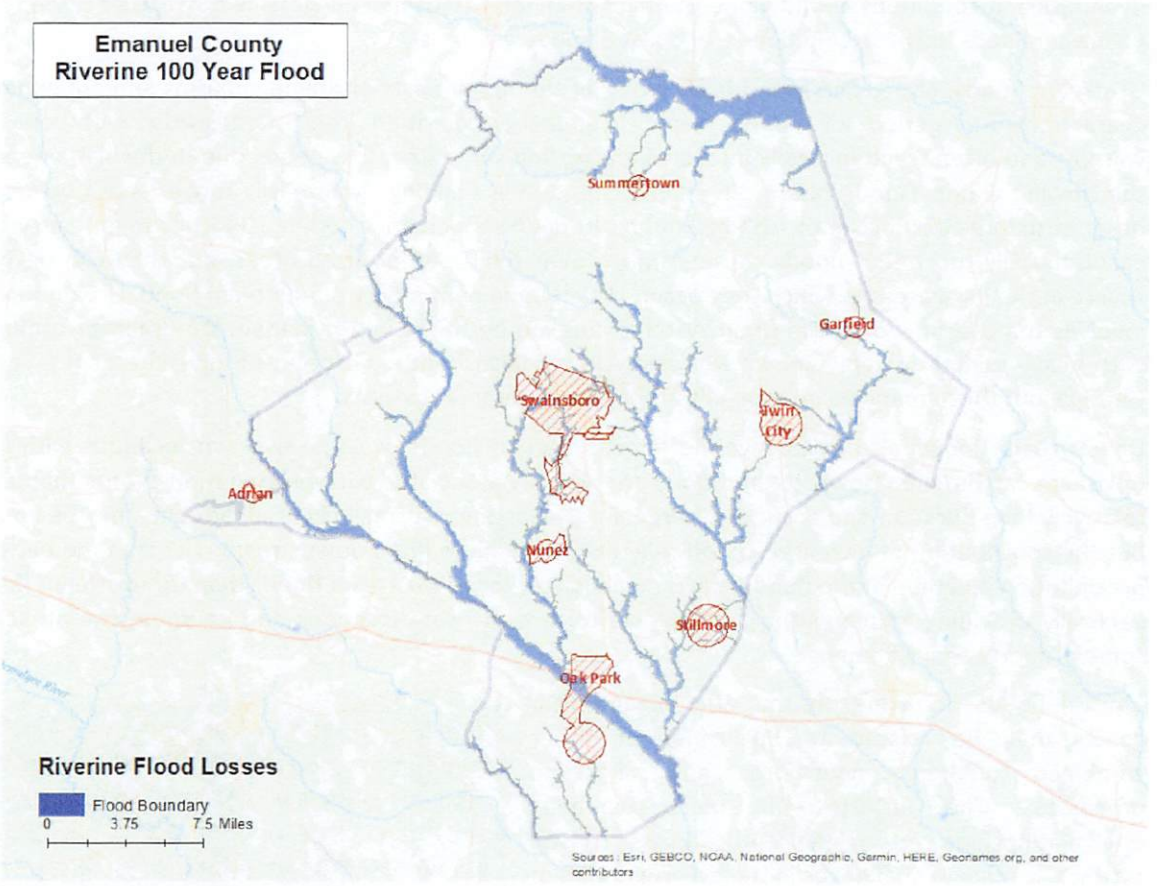


Figure 7: Riverine 1% Flood Inundation

Riverine 1% Flood Building Damages

Buildings in Emanuel County are vulnerable to flooding from events equivalent to the 1% riverine flood. The economic and social impacts from a flood of this magnitude can be significant. Table 9 provides a summary of the potential flood-related building damage in Emanuel County by jurisdiction that might be experienced from the 1% flood. Figure 8 maps the potential loss ratios of total building exposure to losses sustained to buildings from the 1% flood by 2010 census block and Figure 9 illustrates the relationship of building locations to the 1% flood inundation boundary.

Table 9: Emanuel County Riverine 1% Building Losses

Occupancy Classification	Total Buildings	Total Buildings Damaged	Total Building Exposure	Total Losses to Buildings	Loss Ratio of Exposed to Damaged
			Garfield		
Residential	94	2	$ 11,563,097	$ 104,915	0.91%
			Oak Park		
Residential	271	6	$ 23,849,385	$ 113,673	0.48%
			Stillmore		
Residential	275	1	$ 22,602,718	$ 32,872	0.15%
			Summertown		
Residential	77	1	$ 8,310,723	$ 14,672	0.18%
			Swainsboro		
Commercial	362	9	$ 375,906,561	$ 294,692	0.08%
Agriculture	11	1	$ 4,043,981	$ 22,632	0.56%
Residential	2,778	48	$ 408,795,188	$ 1,644,299	0.40%
			Twin City		
Residential	648	1	$ 62,978,407	$ 67,201	0.11%
			Unincorporated		
Commercial	141	10	$ 86,597,017	$ 151,690	0.18%
Residential	6,216	40	$ 646,240,019	$ 878,745	0.14%
			County Total		
Total	10,873	119	$ 1,650,887,096	$ 3,325,391	

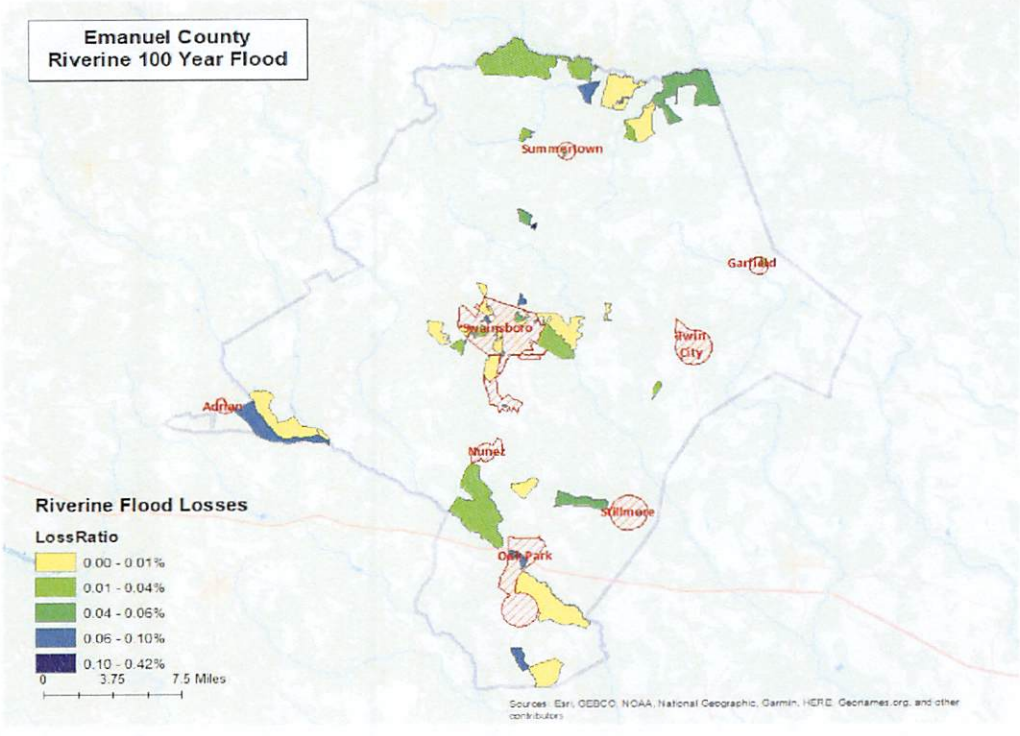


Figure 8: Potential UDF Loss Ratios from the 1% Riverine Flood

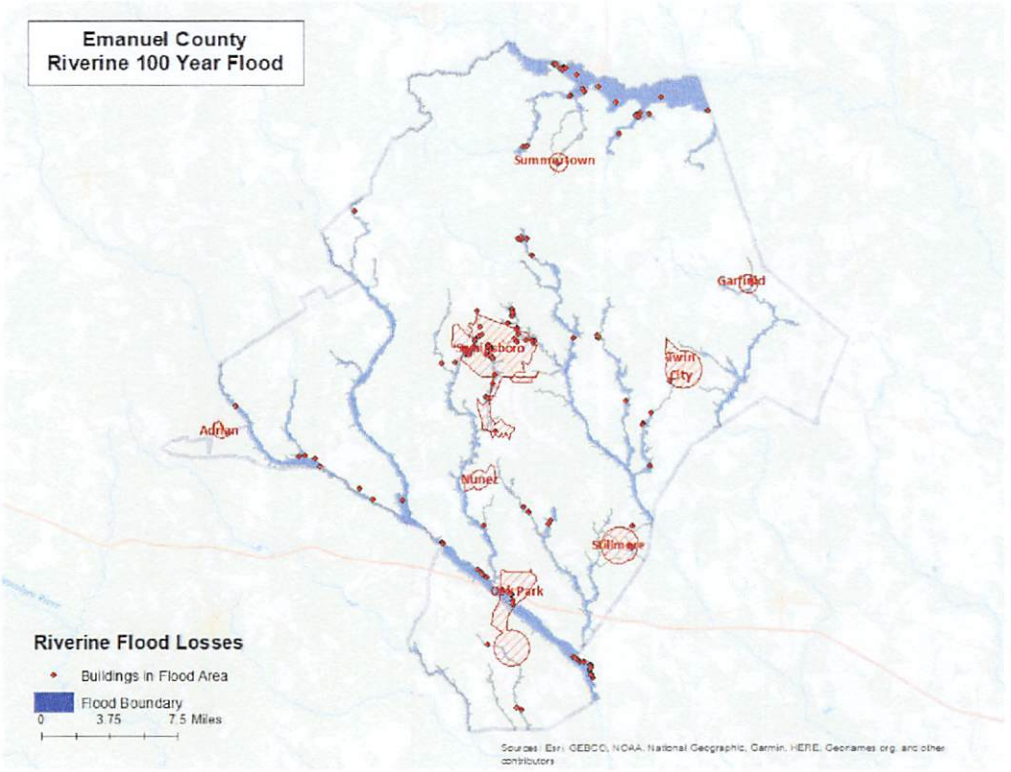


Figure 9: Damaged Buildings in 1% Riverine Flood

Riverine 1% Flood Essential Facility Losses

An essential facility may encounter many of the same impacts as other buildings within the flood boundary. These impacts can include structural failure, extensive water damage to the facility and loss of facility functionality (e.g. a damaged police station will no longer be able to serve the community). The analysis has identified that were **0** Essential Facilities subject to damage in the Emanuel County riverine 1% probability floodplain.

Table 10: Expected Damage to Essential Facilities in 1% Riverine Flood

Classification	Total	Moderate	Substantial	Loss of Use
Fire Station	12	0	0	0
Hospitals	1	0	0	0
Police Stations	11	0	0	0
Schools	12	0	0	0
EOCs	1	0	0	0

Riverine 1% Flood Shelter Requirements

Hazus-MH estimates that the number of households that are expected to be displaced from their homes due to riverine flooding and the associated potential evacuation. The model estimates 337 households might be displaced due to the flood. Displacement includes households evacuated within or very near to the inundated area. Displaced households represent 1,012 individuals, of which 265 may require short term publicly provided shelter. The results are mapped in Figure 10. These numbers may be overestimated for two reasons: elevated housing not taken into account and parcel centroids (not aligned exactly with actual structures).

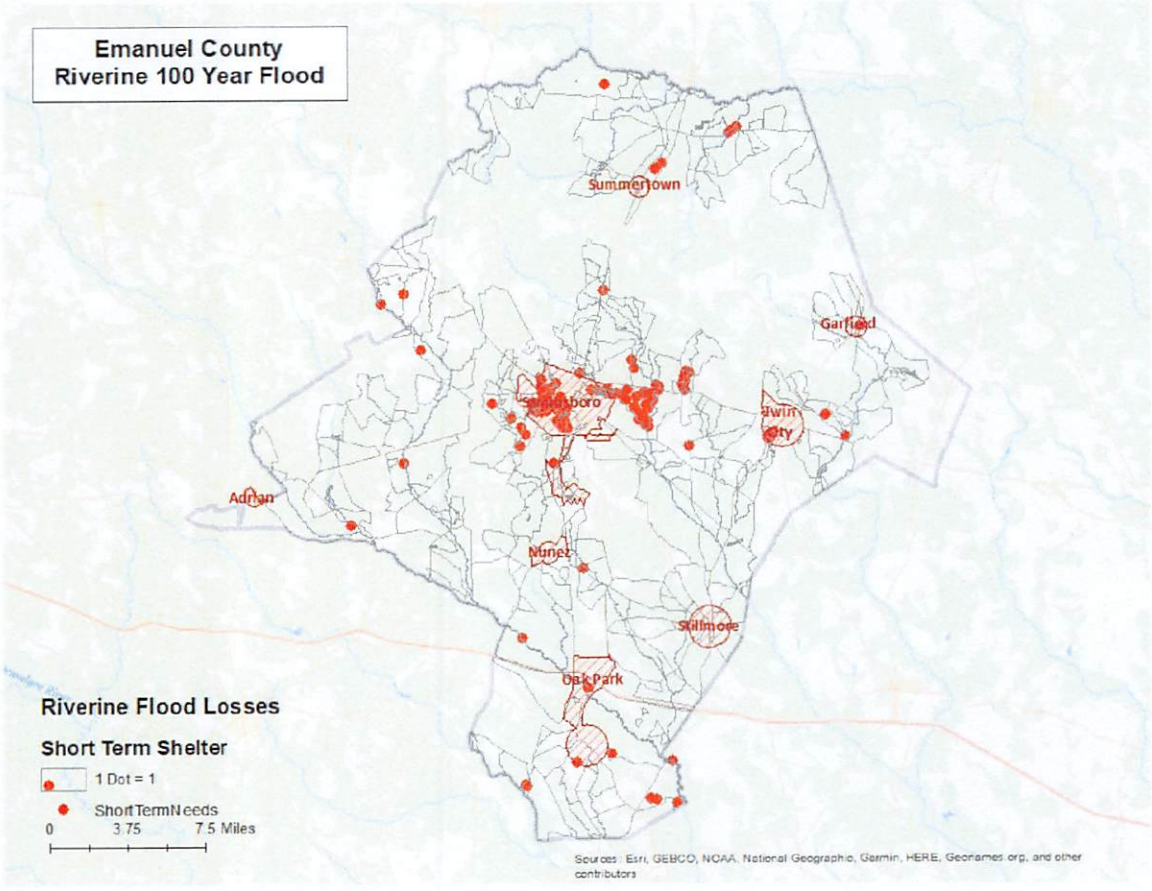


Figure 10: Estimated Flood Shelter Requirements in 1% Riverine Flood

Riverine 1% Flood Debris

Hazus-MH estimates the amount of debris that will be generated by the flood. The model breaks debris into three general categories:

- Finishes (dry wall, insulation, etc.)
- Structural (wood, brick, etc.)
- Foundations (concrete slab, concrete block, rebar, etc.)

Different types of material handling equipment will be required for each category. Debris definitions applied in Hazus-MH are unique to the Hazus-MH model and so do not necessarily conform to other definitions that may be employed in other models or guidelines.

The analysis estimates that an approximate total of 3,711 tons of debris might be generated: 1) Finishes – 1,738 tons; 2) Structural - 630 tons; and 3) Foundations- 1,343 tons. The results are mapped in Figure 11.

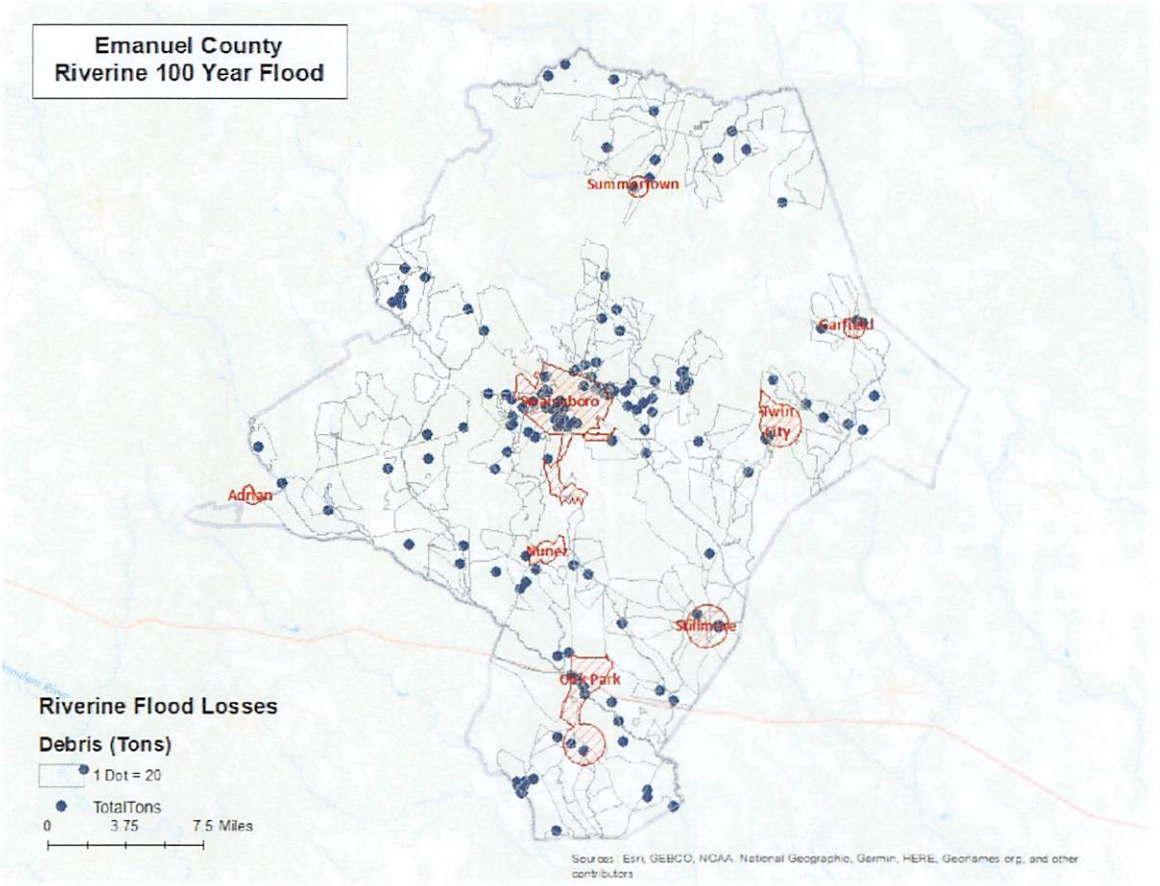


Figure 11: Flood Debris Weight (Tons) in 1% Riverine Flood

Tornado Risk Assessment

Hazard Definition

Tornadoes pose a great risk to the state of Georgia and its citizens. Tornadoes can occur at any time during the day or night. They can also happen during any month of the year. The unpredictability of tornadoes makes them one of Georgia's most dangerous hazards. Their extreme winds are violently destructive when they touch down in the region's developed and populated areas. Current estimates place the maximum velocity at about 300 miles per hour, but higher and lower values can occur. A wind velocity of 200 miles per hour will result in a wind pressure of 102.4 pounds per square foot of surface area—a load that exceeds the tolerance limits of most buildings. Considering these factors, it is easy to understand why tornadoes can be so devastating for the communities they hit.

Tornadoes are defined as violently-rotating columns of air extending from thunderstorms and cyclonic events. Funnel clouds are rotating columns of air not in contact with the ground; however, the violently-rotating column of air can reach the ground very quickly and become a tornado. If the funnel cloud picks up and blows debris, it has reached the ground and is a tornado.

Tornadoes are classified according to the Fujita tornado intensity scale. Originally introduced in 1971, the scale was modified in 2006 to better define the damage and estimated wind scale. The Enhanced Fujita Scale ranges from low intensity EF0 with effective wind speeds of 65 to 85 miles per hour, to EF5 tornadoes with effective wind speeds of over 200 miles per hour. The Enhanced Fujita intensity scale is included in Table 11.

Table 11: Enhanced Fujita Tornado Rating

Fujita Number	Estimated Wind Speed	Path Width	Path Length	Description of Destruction
EF0 *Gale*	65-85 mph	6-17 yards	0.3-0.9 miles	Light damage, some damage to chimneys, branches broken, sign boards damaged, shallow-rooted trees blown over.
EF1 *Moderate*	86-110 mph	18-55 yards	1.0-3.1 miles	Moderate damage, roof surfaces peeled off, mobile homes pushed off foundations, attached garages damaged.
EF2 *Significant*	111-135 mph	56-175 yards	3.2-9.9 miles	Considerable damage, entire roofs torn from frame houses, mobile homes demolished, boxcars pushed over, large trees snapped or uprooted.
EF3 *Severe*	136-165 mph	176-566 yards	10-31 miles	Severe damage, walls torn from well-constructed houses, trains overturned, most trees in forests uprooted, heavy cars thrown about.
EF4 *Devastating*	166-200 mph	0.3-0.9 miles	32-99 miles	Complete damage, well-constructed houses leveled, structures with weak foundations blown off for some distance, large missiles generated.
EF5 *ncredib le*	Over 200 mph	1.0-3.1 miles	100-315 miles	Foundations swept clean, automobiles become missiles and thrown for 100 yards or more, steel-reinforced concrete structures badly damaged.

Source: http://www.srh.noaa.gov

Hypothetical Tornado Scenario

For this report, an EF3 tornado was modeled to illustrate the potential impacts of tornadoes of this magnitude in the county. The analysis used a hypothetical path based upon an EF3 tornado event running along the predominant direction of historical tornados (southeast to northwest). The tornado path was placed to travel through **Swainsboro**. The selected widths were modeled after a re-creation of the Fujita-Scale guidelines based on conceptual wind speeds, path widths, and path lengths. There is no guarantee that every tornado will fit exactly into one of these categories. Table 12 depicts tornado path widths and expected damage.

Table 12: Tornado Path Widths and Damage Curves

Enhanced Fujita Scale	Path Width (feet)	Maximum Expected Damage
EF5	2,400	100%
EF4	1,800	100%
EF3	1,200	80%
EF2	600	50%
EF1	300	10%

Within any given tornado path there are degrees of damage. The most intense damage occurs within the center of the damage path, with decreasing amounts of damage away from the center. After the hypothetical path is digitized on a map, the process is modeled in GIS by adding buffers (damage zones) around the tornado path. Figure 12 describes the zone analysis.

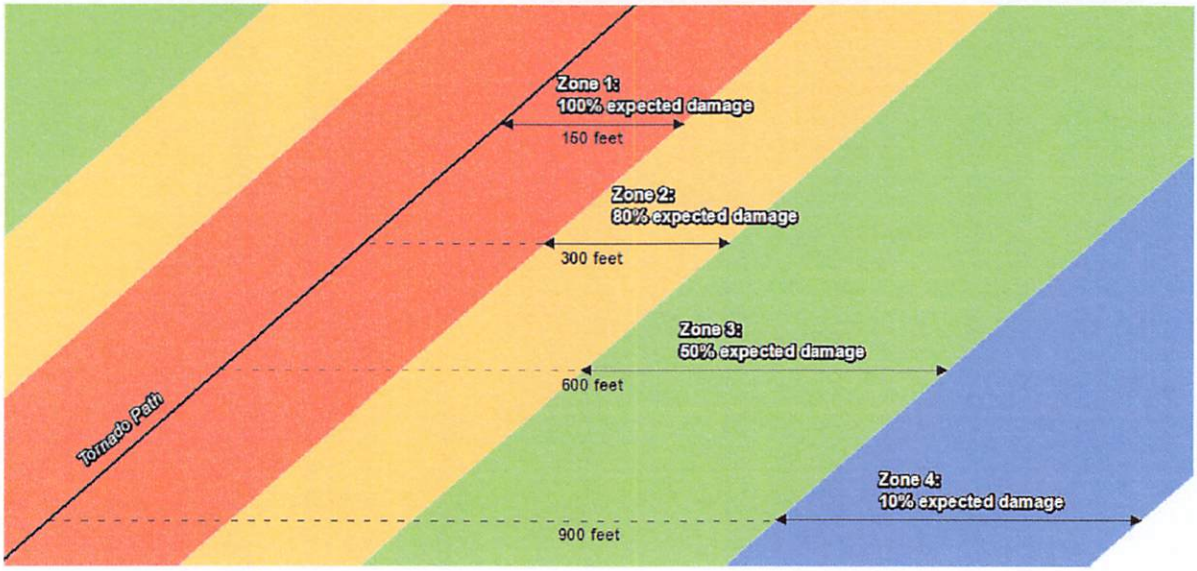


Figure 12: EF Scale Tornado Zones

An EF3 tornado has four damage zones, depicted in Table 13. Major damage is estimated within 150 feet of the tornado path. The outer buffer is 900 feet from the tornado path, within which buildings will not experience any damage. The selected hypothetical tornado path is depicted in Figure 13 and the damage curve buffer zones are shown in Figure 14.

Table 13: EF3 Tornado Zones and Damage Curves

Zone	Buffer (feet)	Damage Curve
1	0-150	80%
2	150-300	50%
3	300-600	10%
4	600-900	0%

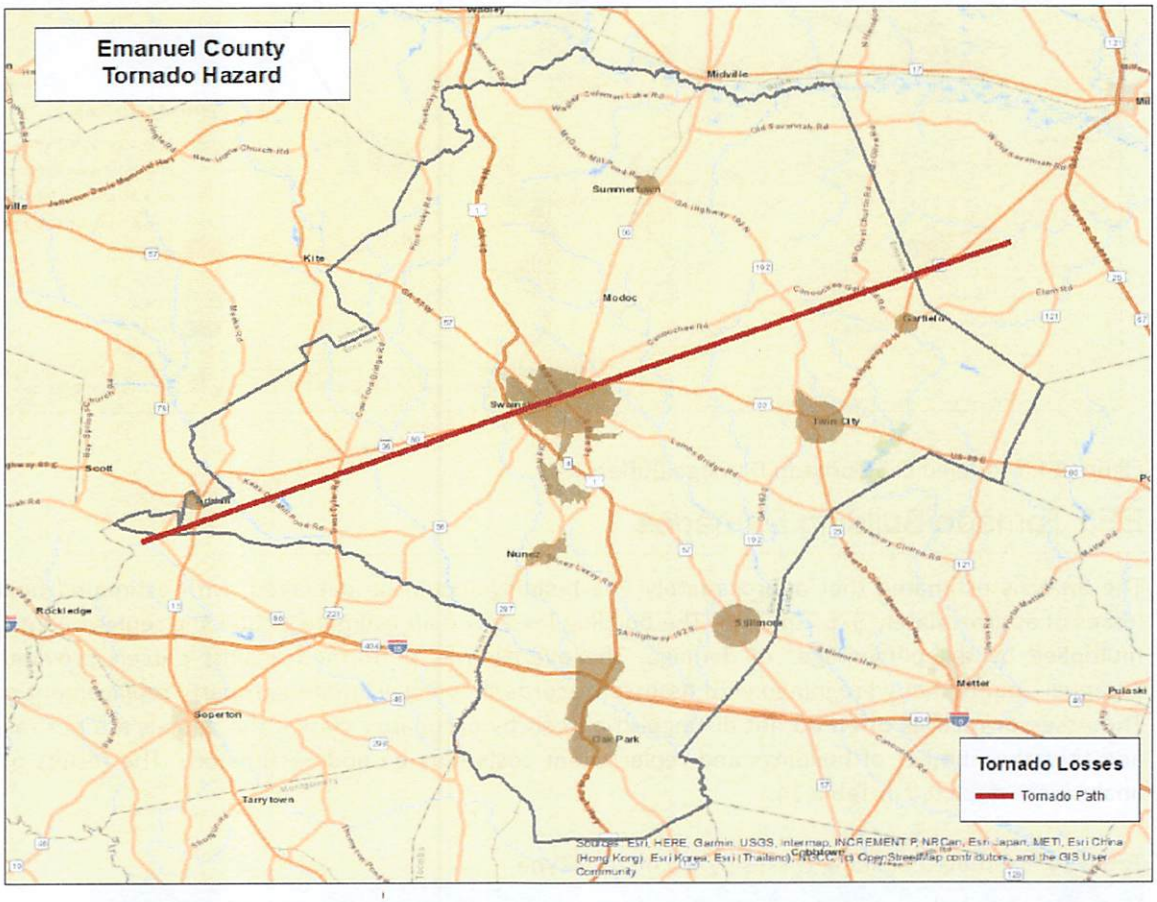


Figure 13: Hypothetical EF3 Tornado Path

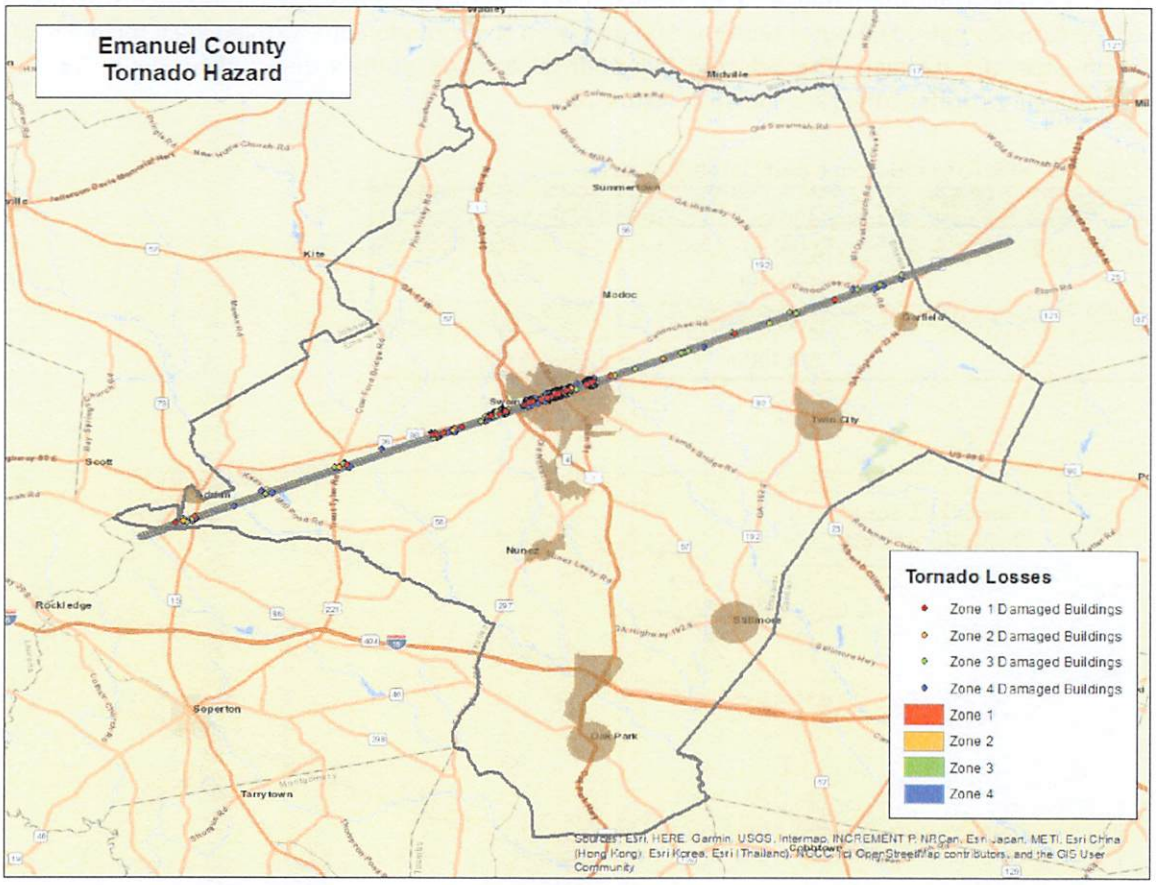


Figure 14: Modeled EF3 Tornado Damage Buffers

EF3 Tornado Building Damages

The analysis estimated that approximately 663 buildings could be damaged, with estimated building losses of approximately $26.7 million. The building losses are an estimate of building replacement costs multiplied by the percentages of damage. The overlay was performed against parcels provided by Emanuel County that were joined with Assessor records showing estimated property replacement costs. The Assessor records often do not distinguish parcels by occupancy class if the parcels are not taxable and thus the number of buildings and replacement costs may be underestimated. The results of the analysis are depicted in Table 14.

Table 14: Estimated Building Losses by Occupancy Type

Occupancy Classification	Buildings Damaged		Building Losses
Commerical	46	$	3,853,035
Educational	1	$	185,043
Governmental	1	$	-
Religion	1	$	148,133
Residential	614	$	22,531,491
Total	**663**	**$**	**26,717,701**

EF3 Tornado Essential Facility Damage

There were 4 essential facilities located in the tornado path according to the modeling, these 4 facilities would suffer moderate to major damage should such a tornado strike occur.

The location of the damaged Essential Facilities is mapped in Figure 15.

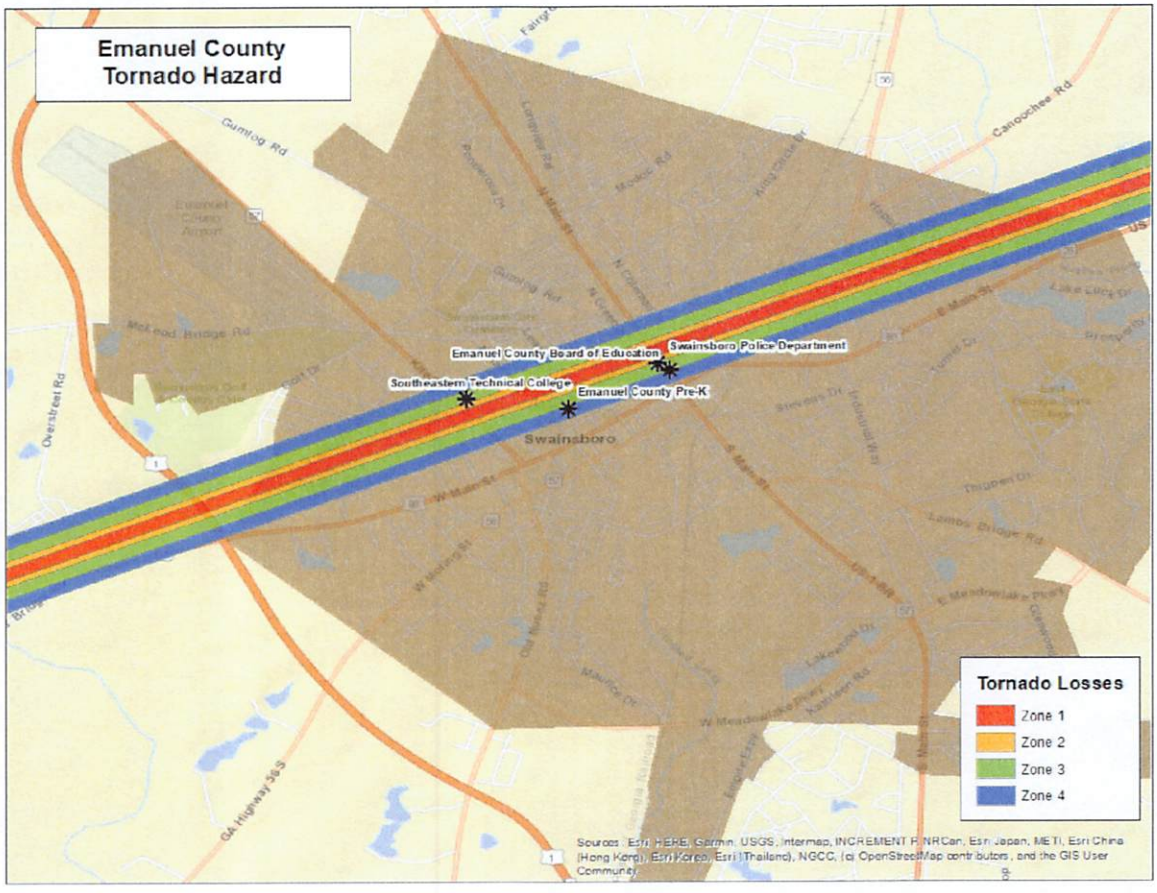


Figure 15: Modeled Essential Facility Damage in Emanuel County

Exceptions Report

Hazus Version 2.2 SP1 was used to perform the loss estimates for Emanuel County, Georgia. Changes made to the default Hazus-MH inventory and the modeling parameters used to setup the hazard scenarios are described within this document.

Reported losses reflect the updated data sets. Steps, algorithms and assumptions used during the data update process are documented in the project workflow developed by the Polis Center.

Statewide Inventory Changes

The default Hazus-MH Essential Facility inventory was updated for the entire state prior to running the hazard scenarios for Emanuel County.

Statewide facility data were supplied by GEMA through the GMIS in June 2015. The Regional Commission updated the essential facilities in 2020. The updated data was used for this analysis. Table 15 summarizes the difference between the original Hazus-MH default data and the updated data for Emanuel County.

Table 15: Essential Facility Updates

Occupancy Classification	Default Replacement Cost	Default Count	Updated Replacement Cost	Updated Count
Care	$ 2,844,000	4	$ 3,500,000	1
EOC	$ 880,000	1	$ 75,000	1
Fire	$ -	0	$ 1,495,000	12
Police	$ 280,000	2	$ 9,925,000	11
School	$ 16,429,000	12	$ 18,982,000	12

County Inventory Changes

The GBS records for Emanuel County were replaced with data derived from parcel and property assessment data obtained from Emanuel County. The county provided property assessment data was current as of January 2020 and the parcel data current as of January 2020.

General Building Stock Updates

The parcel boundaries and assessor records were obtained from Emanuel County. Records without improvements were deleted. The parcel boundaries were converted to parcel points located in the centroids of each parcel boundary unless there were building footprints. Each parcel point was linked to an assessor record based upon matching parcel numbers. The generated Building Inventory represents the approximate locations (within a parcel) of building exposure. The Building Inventory was aggregated by Census Block and imported into Hazus-MH using the Hazus-MH Comprehensive Data Management System (CDMS). Both the 2010 Census Tract and Census Block tables were updated.

The match between parcel records and assessor records was based upon a common Parcel ID. For this type of project, unless the hit rate is better than 85%, the records are not used to update the default aggregate inventory in Hazus-MH. The Parcel-Assessor hit rate for Emanuel County was **99.5%.**

Adjustments were made to records when primary fields did not have a value. In these cases, default values were applied to the fields. Table 16 outlines the adjustments made to Emanuel County records.

Table 16: Building Inventory Default Adjustment Rates

Type of Adjustment	Building Count	Percentage
Area Unknown	357	3%
Construction Unknown	508	4%
Condition Unknown	303	3%
Foundation Unknown	531	5%
Year Built Unknown	28	0%

Portions of the CAMA values were either missing (<Null> or '0'), did not match CAMA domains or were unusable ('Unknown', 'Other', 'Pending'). These were replaced with 'best available' values. Missing YearBuilt values were populated from average values per Census Block. Missing Condition, Construction and Foundation values were populated with the highest-frequency CAMA values per Occupancy Class. Missing Area values were populated with the average CAMA values per Occupancy Class.

The resulting Building Inventory was used to populate the Hazus-MH General Building Stock and User Defined Facility tables. The updated General Building Stock was used to calculate flood and tornado losses. Changes to the building counts and exposure that were modeled in Emanuel County are sorted by General Occupancy in Table 1 at the beginning of this report. If replacements cost or building value were not present for a given record in the Assessor data, replacement costs were calculated from the Building Area (sqft) multiplied by the Hazus-MH RS Means ($/sqft) values for each Occupancy Class.

Differences between the default and updated data are due to various factors. The Assessor records often do not distinguish parcels by occupancy class when the parcels are not taxable; therefore, the total number of buildings and the building replacement costs for government, religious/non-profit, and education may be underestimated.

User Defined Facilities

Local parcel and CAMA data were used to develop points representing the locations of buildings in the county, referred to as User Defined Facilities (UDF) in the Hazus model. For the flood model, this includes only buildings located in the 1% Annual Chance Riverine Flood Area. Table 17 identifies the total building count & exposure for the county and the total building count & exposure for buildings located in the 1% Annual Chance Riverine Flood Area.

Table 17: Building Count and Exposure for County and Riverine Flood Area

Feature	Counts	Exposure
Total buildings in the County	11,291	$1,797,031,710
Total buildings inside the 1% Annual Chance Riverine Flood Area	256	$32,762,798
Total buildings inside the 1% Annual Chance Coastal Flood Area	0	$0

It should be noted that UDFs are only used in the flood modeling process, due to the fact that it is important to identify if individual buildings are located within the flood area to obtain the depth of flood.

Assumptions

- Flood analysis was performed on UDF. The point locations are parcel centroid accuracy.
- The analysis is restricted to the county boundary within the flood area. Events that occur near the county boundary do not contain loss estimates from adjacent counties.
- The following attributes were defaulted or calculated:
  - First Floor Height was set from Foundation Type
  - Content Cost was calculated from Building Cost

Flood Insurance Study

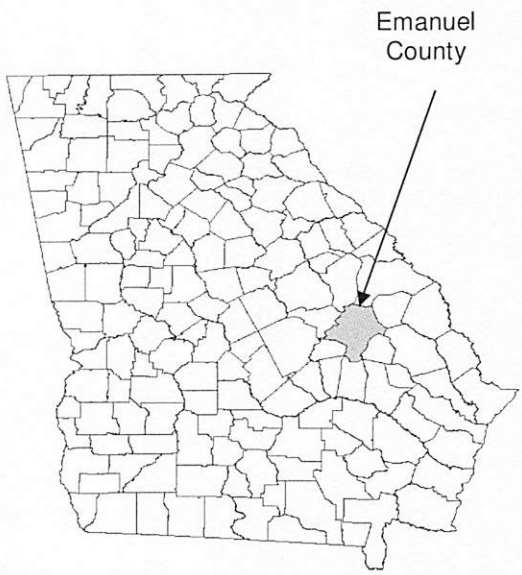
FLOOD INSURANCE STUDY

EMANUEL COUNTY, GEORGIA

AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
*ADRIAN, CITY OF	130601
EMANUEL COUNTY (UNINCORPORATED AREAS)	130307
GARFIELD, CITY OF	130584
NUNEZ, TOWN OF	135166
OAK PARK, TOWN OF	130269
STILLMORE, TOWN OF	130308
SUMMERTOWN, TOWN OF	135168
SWAINSBORO, CITY OF	130229
TWIN CITY, CITY OF	135169

*NO SPECIAL FLOOD HAZARD AREAS



Effective: December 17, 2010

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER

13107CV000A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) report may not contain all data available within the Community Map Repository. Please contact the Community Map Repository for any additional data.

The Federal Emergency Management Agency (FEMA) may revise and republish part or all of this FIS report at any time. In addition, FEMA may revise part of this FIS report by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS report. Therefore, users should consult with community officials and check the Community Map Repository to obtain the most current FIS report components.

Initial Countywide FIS Effective Date: December 17, 2010

TABLE OF CONTENTS

1.0 INTRODUCTION 1

1.1 Purpose of Study 1

1.2 Authority and Acknowledgments 1

1.3 Coordination 2

2.0 AREA STUDIED 3

2.1 Scope of Study 3

2.2 Community Description 4

2.3 Principal Flood Problems 4

2.4 Flood Protection Measures 4

3.0 ENGINEERING METHODS 4

3.1 Hydrologic Analyses 5

3.2 Hydraulic Analyses 7

3.3 Vertical Datum 8

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS 9

4.1 Floodplain Boundaries 10

4.2 Floodways 10

5.0 INSURANCE APPLICATIONS 11

6.0 FLOOD INSURANCE RATE MAP 12

7.0 OTHER STUDIES 14

8.0 LOCATION OF DATA 14

9.0 BIBLIOGRAPHY AND REFERENCES 14

FIGURES

Figure 1 - Floodway Schematic 11

TABLES

Table 1 - Summary of Discharges 6
Table 2 - Vertical Datum Conversion 8
Table 3 - Community Map History 13

EXHIBITS

Exhibit 1 - Flood Profiles

Crooked Creek	Panels	01P-03P
Hughes Prong Canoochee Creek	Panel	04P
Hughes Prong Canoochee Creek Tributary	Panel	05P
Tributary No. 1	Panel	06P
Tributary No. 2	Panel	07P
Yam Grandy Creek Tributary	Panels	08P-09P

Exhibit 2 - Flood Insurance Rate Map Index
Flood Insurance Rate Map

FLOOD INSURANCE STUDY
EMANUEL COUNTY, GEORGIA AND INCORPORATED AREAS

1.0 INTRODUCTION

1.1 Purpose of Study

This Flood Insurance Study (FIS) revises and updates information on the existence and severity of flood hazards in the geographic area of Emanuel County, including the Cities of Adrian, Garfield, Swainsboro, and Twin City; the Towns of Nunez, Oak Park, Stillmore, and Summertown; and the unincorporated areas of Emanuel County (referred to collectively herein as Emanuel County), and aids in the administration of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973. This study has developed flood-risk data for various areas of the community that will be used to establish actuarial flood insurance rates and to assist the community in its efforts to promote sound floodplain management. Minimum floodplain management requirements for participation in the National Flood Insurance Program (NFIP) are set forth in the Code of Federal Regulations at 44 CFR, 60.3.

Please note that the City of Adrian is geographically located in Emanuel and Johnson Counties. Only the Emanuel County portion of the City of Adrian is included in this FIS report. See the separately published FIS report and Flood Insurance Rate Map (FIRM) for flood hazard information.

Please note that the City of Adrian has no mapped special flood hazard areas.

In some states or communities, floodplain management criteria or regulations may exist that are more restrictive or comprehensive than the minimum Federal requirements. In such cases, the more restrictive criteria take precedence and the State (or other jurisdictional agency) will be able to explain them.

The Digital Flood Insurance Rate Map (DFIRM) and FIS report for this countywide study have been produced in digital format. Flood hazard information was converted to meet the Federal Emergency Management Agency (FEMA) DFIRM database specifications and Geographic Information System (GIS) format requirements. The flood hazard information was created and is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community.

1.2 Authority and Acknowledgments

The sources of authority for this FIS are the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973.

Precountywide Analyses

Information on the authority and acknowledgements for each jurisdiction included in this countywide FIS, as compiled from their previously printed FIS reports, is presented in the following:

City of Swainsboro:	The hydrologic and hydraulic analyses for Crooked Creek, Hughes Prong Canoochee Creek, Hughes Prong Canoochee Creek Tributary, Tributary 1, Tributary 2, and Yam Grandy Creek Tributary for the February 4, 1988 (FEMA, 1988) FIS report were performed by the U.S. Geological Survey (USGS), for FEMA, under Interagency Agreement No. EMW-85-E-1823. The work was completed in December 1985.

The Cities of Adrian, Garfield and Twin City, and the Towns of Nunez, Oak Park, Stillmore, and Summertown have no previously printed FIS reports.

This Countywide FIS Report

The hydrologic and hydraulic analyses for this study were performed by Post, Buckley, Schuh & Jernigan, Inc. (PBS&J), for FEMA, under Contract No EMA-2008-CA-5870. The work was completed in June 2009.

Base map information shown on the Flood Insurance Rate Map (FIRM) was derived from the National Agriculture Imagery Program (NAIP) produced at a scale of 1:12,000, from aerial photography dated 2007 or later. The projection used in the preparation of this map is State Plane Georgia East, and the horizontal datum used is North American Datum of 1983 (NAD83).

1.3 Coordination

Precountywide Analyses

An initial meeting is held with representatives from FEMA, the community, and the study contractor to explain the nature and purpose of a FIS, and to identify the streams to be studied or restudied. A final meeting is held with representatives from FEMA, the community, and the study contractor to review the results of the study.

The initial and final meeting dates for previous FIS reports for Emanuel County and its communities are listed in the following tabulation:

Community	FIS Date	Initial Meeting	Final Meeting
Swainsboro, City of	February 4, 1988	*	March 10, 1987

*information not available

This Countywide FIS Report

The initial meeting was held on July 8, 2008, and attended by representatives of FEMA, Emanuel County, Watershed Concepts, and the Georgia Department of Natural Resources (DNR).

The results of the study were reviewed at the final meeting held on September 22, 2009, and attended by representatives of PBS&J, FEMA, Georgia DNR, and the communities. All issues raised at that meeting were addressed.

2.0 AREA STUDIED

2.1 Scope of Study

This FIS covers the geographic area of Emanuel County, Georgia, including the incorporated communities listed in Section 1.1. The areas studied by detailed methods were selected with priority given to all known flood hazards and areas of projected development or proposed construction through Emanuel County.

The following streams were studied by detailed methods for this FIS report:

Crooked Creek	Tributary No. 1
Hughes Prong Canoochee Creek	Tributary No. 2
Hughes Prong Canoochee Creek Tributary	Yam Grandy Creek Tributary

The limits of detailed study are indicated on the Flood Profiles (Exhibit 1) and on the FIRM (Exhibit 2).

For this countywide FIS, the FIS report and FIRM were converted to countywide format, and the flooding information for the entire county, including both incorporated and unincorporated areas, is shown. Also, the vertical datum was converted from the National Geodetic Vertical Datum of 1929 (NGVD) to the North American Vertical Datum of 1988 (NAVD). In addition, the Transverse Mercator, State Plane coordinates, previously referenced to the North American Datum of 1927 (NAD27), are now referenced to the NAD83.

Approximate analyses were used to study those areas having low development potential or minimal flood hazards. The scope and methods of study were proposed to and agreed upon by FEMA and Emanuel County.

2.2 Community Description

Emanuel County is located in southeast Georgia. It is bordered by Jefferson and Burke Counties to the north, Jenkins and Bulloch Counties to the east, Candler County to the southeast, Toombs and Montgomery Counties to the south, and Treutlen, Laurens, and Johnson Counties to the west.

According to the 2000 Census, the population of Emanuel County was 21,836. The county has a total land area of 686 square miles (U.S. Census Bureau, 2009). The City of Swainsboro is the county seat of Emanuel County.

Temperatures in the county range from an average high of 92 degrees Fahrenheit (°F) to an average low of 70°F in the summer, and from an average high of 58°F to an average low of 36°F in the winter. The average annual precipitation is 45.29 inches, with the maximum average precipitation occurring in the month of August (The Weather Channel, 2010).

2.3 Principal Flood Problems

Known flood problems have been recorded on Hughes Prong Canoochee Creek. The USGS operated a gaging station on Hughes Prong Canoochee Creek at State Highway 56, about 2 miles north of the City of Swainsboro (drainage area 5.05 square miles), from 1965 to 1975, and also obtained a peak stage for the flood of March 18, 1980. The highest peak discharge for the recorded period was 380 cubic feet per second (cfs) on March 18, 1980, which is approximately a 5-year flood based on regional flood-frequency equations. The floods of January 1925 and October 1929, the largest known floods in this area based on nearby streams, had recurrence intervals of about 100 years. There are no records of elevations or discharges for the larger floods in the study area.

2.4 Flood Protection Measures

Flood protection measures are not known to exist within the study area. Several small lakes and ponds are located in and around the City of Swainsboro. None, however, significantly affect the 100-year flood patterns.

3.0 ENGINEERING METHODS

For the flooding sources studied by detailed methods in the community, standard hydrologic and hydraulic study methods were used to determine the flood hazard data required for this study. Flood events of a magnitude that are expected to be equaled or exceeded once on the average during any 10-, 50-, 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates. These events, commonly termed the 10-, 50-, 100-, and 500-year floods, have a 10-, 2-, 1-, and 0.2-percent chance, respectively, of being equaled or exceeded during any year. Although the

recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year. The risk of experiencing a rare flood increases when periods greater than 1 year are considered. For example, the risk of having a flood that equals or exceeds the 1-percent-annual-chance (100-year) flood in any 50-year period is approximately 40 percent (4 in 10); for any 90-year period, the risk increases to approximately 60 percent (6 in 10). The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study. Maps and flood elevations will be amended periodically to reflect future changes.

3.1 Hydrologic Analyses

Hydrologic analyses were carried out to establish peak discharge-frequency relationships for each flooding source studied by detailed methods affecting the community.

Precountywide Analyses

The discharge-frequency relationship for the 1-percent-annual-chance flood for all detailed streams was developed and adjusted for urbanization by using techniques described by Price (USGS, 1978). Land use for the watersheds was determined from topographic maps (USGS, 1971), recent city maps, and by field inspections. The percentages of impervious area (used when greater than 10 percent) and area served by storm sewers were determined from land use in the watersheds according to methods described by Golden (USGS, 1977).

The 1-percent-annual-chance outflow discharge for Crooked Creek downstream of the Empire Expressway was estimated by using USGS Computer Program A697 (reservoir routing) (USGS, 1977). This was estimated because of the large lake created by beaver dams just upstream of the Empire Expressway and high ground that constricts the flow. The discharges at the cross sections downstream were determined by routing the pool-discharge-outflow hydrograph at Empire Expressway downstream according to convolution routing methods described by Doyle et al. (USGS, 1983), and then combining the attenuated discharge hydrograph with the discharge hydrographs for intervening areas with both hydrographs having the same starting time. This method was used at each cross section downstream until the routed discharge computed was within 10 percent of that discharge computed without consideration of storage effects. The discharge hydrographs for intervening areas were determined according to methods described by Inman (USGS, 1986).

This Countywide FIS Report

Discharges for the streams studied by approximate analysis were estimated using the published USGS regional regression equations for rural areas in Georgia

(Stamey and Hess, 1993). Regression equations estimate the peak discharges for unguaged streams based on the characteristics of nearby gauged streams. Drainage areas were developed from USGS 30-meter Digital Elevation Models (DEMs).

Peak discharge-drainage area relationships for each flooding source studied in detail are shown in Table 1.

Table 1 - Summary of Discharges

Flooding Source and Location	Drainage Area (square miles)	Peak Discharges (cubic feet per second) 10-Percent-Annual-Chance	2-Percent-Annual-Chance	1-Percent-Annual-Chance	0.2-Percent-Annual-Chance
CROOKED CREEK					
At Old Nunez Road	8.68	*	*	1,640	*
Approximately 50 feet downstream of Empire Expressway	5.20	*	*	1, 020	*
At Norfolk Southern Railway about 4,000 feet downstream of Meadowlake Parkway	3.27	*	*	1,150	*
At Meadowlake Parkway	2.13	*	*	1,030	*
At Norfolk Southern Railway about 1,250 feet upstream of confluence of Tributary No. 1	1.56	*	*	705	*
At Calhoun Street	0.64	*	*	503	*
At Second Street	0.24	*	*	161	*
HUGHES PRONG CANOOCHEE CREEK					
At East Main Street	7.70	*	*	1,910	*
		*	*		
HUGHES PRONG CANOOCHEE CREEK TRIBUTARY					
At East Main Street	1.29	*	*	658	*
At Anderson Drive	1.03	*	*	575	*
At State Highway 56	0.62	*	*	494	*
TRIBUTARY NO. 1					
Just downstream of Lakewood Drive	0.29	*	*	182	*
TRIBUTARY NO. 2					
At South Race Track Street	0.16	*	*	180	*
At Herrington Avenue	0.10	*	*	143	*
YAM GRANDY CREEK TRIBUTARY					
At Halloways Pond Dam	4.79	*	*	1,220	*
At Mcleod Bridge Road	2.92	*	*	904	*
At North Race Track Street	1.30	*	*	556	*
At Gumlog Road	1.04	*	*	430	*

* Data not available

3.2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals. Users should be aware that flood elevations shown on the FIRM represent rounded whole-foot elevations and may not exactly reflect the elevations shown on the Flood Profiles or in the Floodway Data Table in the FIS report. Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS report in conjunction with the data shown on the FIRM.

Precountywide Analyses

Cross-section data for the detailed study streams were obtained by field surveys. All bridges, culverts, and one dam section were surveyed to obtain elevations and structural geometry.

Water-surface elevations (WSELs) for the 1-percent-annual-chance flood for all detailed streams, except Yam Grandy Creek Tributary, were computed using the U.S. Department of Transportation's (USDOT) WSPRO, a step-backwater computer program (USDOT, 1986). Water-surface profile elevations through culverts were computed using the USDOT computer program A526 (USDOT, 1968; USDOT, 1976).

The starting elevation for Yam Grandy Creek Tributary was estimated using the pool elevation at Holloways Pond as estimated from USGS Program A697 (USGS, 1977). The dam at Oak Lawn Drive forming Lake India was breached in the model so that water surface for the 100-year flood would be equal for both Holloways Pond and Lake India. The starting elevations for the other streams were determined by slope-conveyance studies.

This Countywide FIS Report

For the streams studied by approximate methods, cross section data was obtained from the USGS 10-meter DEMs. Hydraulically significant roads were modeled as bridges, with opening data approximated from available inventory data or approximated from the imagery. Top of road elevations were estimated from the best available topography. The studied streams were modeled using the U.S. Army Corps of Engineers (USACE) Hydrologic Engineering Center's (HEC) computer program HEC-RAS, version 4.0.0 (HEC, 2008).

Locations of selected cross sections used in the hydraulic analyses are shown on the Flood Profiles (Exhibit 1). For stream segments for which a floodway was computed (Section 4.2), selected cross section locations are also shown on the FIRM (Exhibit 2).

Channel roughness factors (Manning's "n") used in the hydraulic computations were chosen by engineering judgment based on field observations of channel and floodplain areas. Roughness values varied from 0.045 to 0.085 for the main channel depending on width, depth of flow, curves, and growth. Roughness values for the floodplains varied from 0.100 to 0.175 for the densely wooded areas.

The profile baselines depicted on the FIRM represent the hydraulic modeling baselines that match the flood profiles on this FIS report. As a result of improved topographic data, the profile baseline, in some cases, may deviate significantly from the channel centerline or appear outside the Special Flood Hazard Area.

The hydraulic analyses for this study were based on unobstructed flow. The flood elevations shown on the Flood Profiles (Exhibit 1) are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail.

3.3 Vertical Datum

All FIS reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum in use for newly created or revised FIS reports and FIRMs was NGVD. With the finalization of NAVD, many FIS reports and FIRMs are being prepared using NAVD as the referenced vertical datum.

All flood elevations shown in this FIS report and on the FIRM are referenced to NAVD. Structure and ground elevations in the community must, therefore, be referenced to NAVD. It is important to note that adjacent communities may be referenced to NGVD. This may result in differences in Base Flood Elevations (BFEs) across the corporate limits between the communities. Some of the data used in this study were taken from the prior effective FIS reports and adjusted to NAVD. The average conversion factor that was used to convert the data in this FIS report to NAVD was calculated using the National Geodetic Survey's (NGS) VERTCON online utility (NGS, 2009). The data points used to determine the conversion are listed in Table 2.

Table 2 – Vertical Datum Conversion

Quad Name	Corner	Latitude	Longitude	Conversion from NGVD to NAVD
Wadley	SE	32.750	-82.375	-0.627
Colemans Lake	SE	32.750	-82.250	-0.673
Midville	SE	32.750	-82.125	-0.679
Kite	SE	32.625	-82.500	-0.617
Dellwood	SE	32.625	-82.375	-0.623

Table 2 – Vertical Datum Conversion (*Continued*)

Quad Name	Corner	Latitude	Longitude	Conversion from NGVD to NAVD
Summerton	SE	32.625	-82.250	-0.659
Canoochee	SE	32.625	-82.125	-0.696
Garfield	SE	32.625	-82.000	-0.732
Scott	SE	32.500	-82.625	-0.597
Adrian	SE	32.500	-82.500	-0.633
Norristown	SE	32.500	-82.375	-0.686
Swainsboro	SE	32.500	-82.250	-0.682
Twin City	SE	32.500	-82.125	-0.715
Covena	SE	32.375	-82.375	-0.669
Nunez	SE	32.375	-82.250	-0.659
			Average:	**-0.663**

For additional information regarding conversion between NGVD and NAVD, visit the NGS website at www.ngs.noaa.gov, or contact the NGS at the following address:

Vertical Network Branch, N/CG13
National Geodetic Survey, NOAA
Silver Spring Metro Center 3
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the Technical Support Data Notebook associated with the FIS report and FIRM for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks shown on this map, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit their website at www.ngs.noaa.gov.

4.0 FLOODPLAIN MANAGEMENT APPLICATIONS

The NFIP encourages State and local governments to adopt sound floodplain management programs. Therefore, each FIS provides 1-percent-annual-chance (100-year) flood elevations and delineations of the 1- and 0.2-percent-annual-chance (500-year) floodplain boundaries and 1-percent-annual-chance floodway to assist communities in developing floodplain management measures. This information is presented on the FIRM and in many components of the FIS report, including Flood Profiles, Floodway Data Table, and Summary of Stillwater Elevations Table. Users should reference the data presented in the FIS report as well as additional information

that may be available at the local map repository before making flood elevation and/or floodplain boundary determinations.

4.1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent-annual-chance flood has been adopted by FEMA as the base flood for floodplain management purposes. The 0.2-percent-annual-chance flood is employed to indicate additional areas of flood risk in the community.

For each stream studied by detailed methods, the 1- and 0.2-percent-annual-chance floodplain boundaries have been delineated using the flood elevations determined at each cross section. Between cross sections, the boundaries were interpolated using topographic maps at a scale of 1:24,000, with a contour interval of 10 feet (USGS, 1971).

For the streams studied by approximate methods, the boundaries were delineated using the USGS 10-meter DEMs (USGS, 2009).

The 1- and 0.2-percent-annual-chance floodplain boundaries are shown on the FIRM (Exhibit 2). On this map, the 1-percent-annual-chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (Zones A and AE), and the 0.2-percent-annual-chance floodplain boundary corresponds to the boundary of areas of moderate flood hazards. In cases where the 1- and 0.2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

For the streams studied by approximate methods, only the 1-percent-annual-chance floodplain boundary is shown on the FIRM (Exhibit 2).

4.2 Floodways

Encroachment on floodplains, such as structures and fill, reduces flood-carrying capacity, increases flood heights and velocities, and increases flood hazards in areas beyond the encroachment itself. One aspect of floodplain management involves balancing the economic gain from floodplain development against the resulting increase in flood hazard. For purposes of the NFIP, a floodway is used as a tool to assist local communities in this aspect of floodplain management. Under this concept, the area of the 1-percent-annual-chance floodplain is divided into a floodway and a floodway fringe. The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment so that the 1-percent-annual-chance flood can be carried without substantial increases in flood heights. Minimum Federal standards

limit such increases to 1 foot, provided that hazardous velocities are not produced. The floodways in this study are presented to local agencies as minimum standards that can be adopted directly or that can be used as a basis for additional floodway studies.

The area between the floodway and 1-percent-annual-chance floodplain boundaries is termed the floodway fringe. The floodway fringe encompasses the portion of the floodplain that could be completely obstructed without increasing the WSEL of the 1-percent-annual-chance flood more than 1 foot at any point. Typical relationships between the floodway and the floodway fringe and their significance to floodplain development are shown in Figure 1.

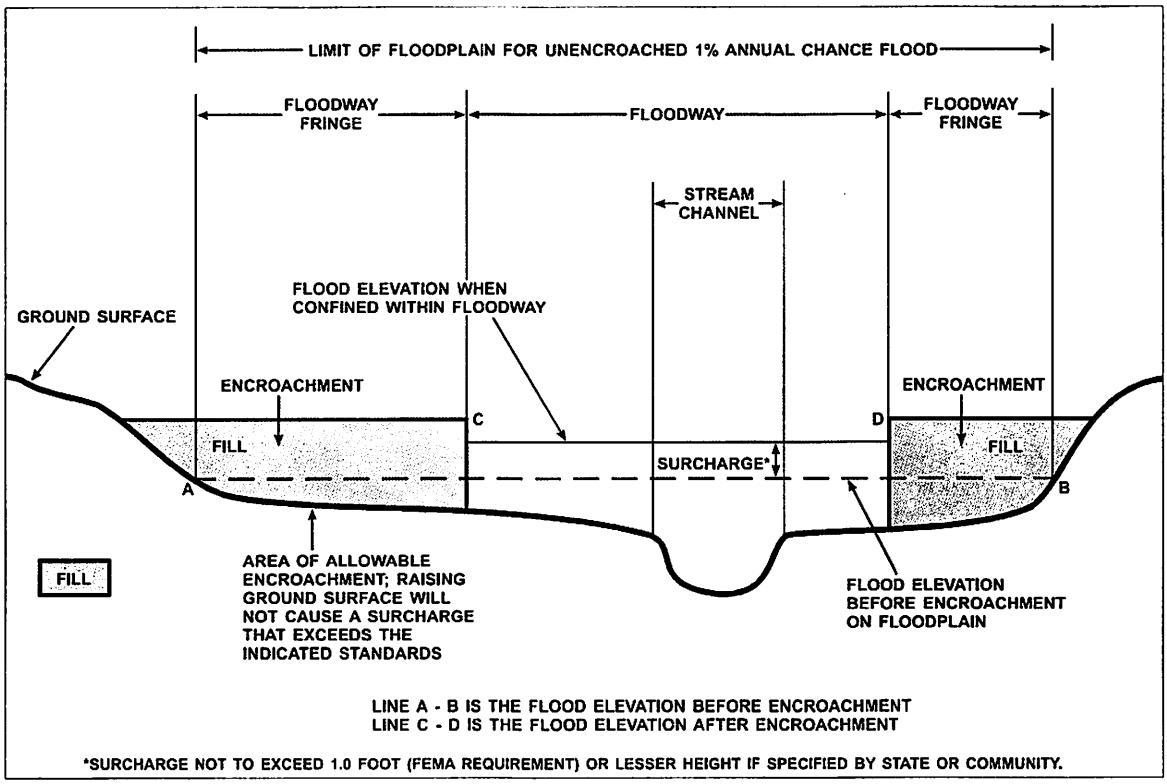


Figure 1 - Floodway Schematic

No floodways were computed for Emanuel County.

5.0 INSURANCE APPLICATIONS

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. These zones are as follows:

Zone A

Zone A is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no BFEs or base flood depths are shown within this zone.

Zone AE

Zone AE is the flood insurance risk zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS by detailed methods. In most instances, whole-foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X

Zone X is the flood insurance risk zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by levees. No BFEs or base flood depths are shown within this zone.

6.0 FLOOD INSURANCE RATE MAP

The FIRM is designed for flood insurance and floodplain management applications.

For flood insurance applications, the map designates flood insurance risk zones as described in Section 5.0 and, in the 1-percent-annual-chance floodplains that were studied by detailed methods, shows selected whole-foot BFEs or average depths. Insurance agents use the zones and BFEs in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens, and symbols, the 1- and 0.2-percent-annual-chance floodplains, floodways, and the locations of selected cross sections used in the hydraulic analyses and floodway computations.

The countywide FIRM presents flooding information for the entire geographic area of Emanuel County. Previously, FIRMs were prepared for each incorporated community and the unincorporated areas of the County identified as flood-prone. This countywide FIRM also includes flood-hazard information that was presented separately on Flood Boundary and Floodway Maps, where applicable. Historical data relating to the maps prepared for each community are presented in Table 3.

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISION DATE	FIRM EFFECTIVE DATE	FIRM REVISION DATE
*Adrian, City of	N/A	None	N/A	None
Emanuel County (Unincorporated Areas)	December 17, 2010	None	December 17, 2010	None
Garfield, City of	December 17, 2010	None	December 17, 2010	None
Nunez, Town of	December 17, 2010	None	December 17, 2010	None
Oak Park, Town of	July 18, 1975	None	December 17, 2010	None
Stillmore, Town of	April 11, 1975	None	December 17, 2010	None
Summertown, Town of	December 17, 2010	None	December 17, 2010	None
Swainsboro, City of	September 20, 1974	March 26, 1976	February 4, 1988	None
Twin City, City of	December 17, 2010	None	December 17, 2010	None

*No Special Flood Hazard Areas Identified

TABLE 3

FEDERAL EMERGENCY MANAGEMENT AGENCY

EMANUEL COUNTY, GA
AND INCORPORATED AREAS

COMMUNITY MAP HISTORY

7.0 OTHER STUDIES

This report either supersedes or is compatible with all previous studies on streams studied in this report and should be considered authoritative for purposes of the NFIP.

8.0 LOCATION OF DATA

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting FEMA, Federal Insurance and Mitigation Division, Koger Center – Rutgers Building, 3003 Chamblee Tucker Road, Atlanta, Georgia 30341.

9.0 BIBLIOGRAPHY AND REFERENCES

Federal Emergency Management Agency, Flood Insurance Study, City of Swainsboro, Georgia, February 4, 1988.

Hydrologic Engineering Center, HEC-RAS River Analysis System, Version 4.0.0, U.S. Army Corps of Engineers, Davis, California, March 2008.

National Geodetic Survey, VERTCON-North American Vertical Datum Conversion Utility. Retrieved April 10, 2009, from http://www.ngs.noaa.gov/.

Stamey, T.C. and G. W. Hess, Techniques for Estimating Magnitude and Frequency of Floods in Rural Basins of Georgia, Water Resources Investigation Report 93-4016, U.S. Geological Survey, 1993.

U.S. Census Bureau, American Fact Finder, Emanuel County, Georgia, 2007. Retrieved April 13, 2009 from http://www.quickfacts.census.gov.

U.S. Department of Transportation, Preparation and Input -Data for Automatic Computation of Stage-Discharge Relations at Culverts, Techniques of Water Resources Investigations, Book 7, Chapter 3, 1968.

U.S. Department of Transportation, Measurement of Peak Discharge at Culverts by Indirect Methods, Techniques of Water Resources Investigations, Book 3, Chapter A3, 1976.

U.S. Department of Transportation, Bridge Waterways Analysis Models Research Report, Report No. FHWA/RD-86/108, Federal Highway Administration, July 1986.

U.S. Geological Survey, 7.5 Minute Series Topographic Maps, Scale 1:24000, Contour Interval 10 feet: Swainsboro, Georgia, 1971; Norristown, Georgia, 1971.

U.S. Geological Survey, Preliminary Flood- Frequency Relations for Urban Streams in Metropolitan Atlanta, Georgia, Water Resources Investigation Report 77-57, U.S. Department of the Interior, 1977a.

U.S. Geological Survey, Users Manual – Computer Program A697—Downstream - Upstream Reservoir Routing, Bay St. Louis, Mississippi, Gulf Coast Hydroscience Center, U.S. Department of the Interior, 1977b.

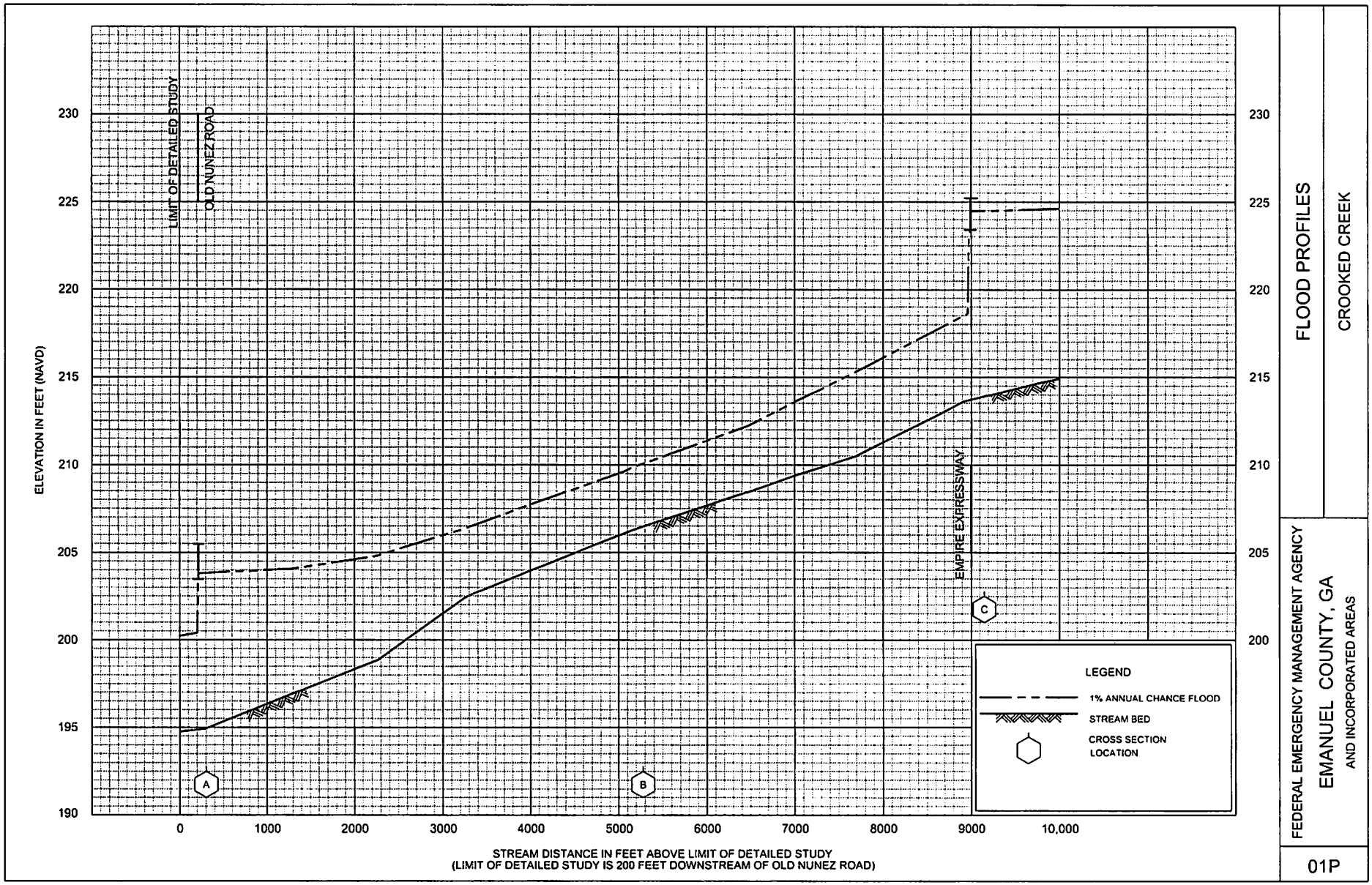
U.S. Geological Survey, Floods in Georgia, Magnitude and Frequency, Water Resources Investigation Report 78-137, U.S. Department of the Interior, 1978.

U.S. Geological Survey, A Digital Model for Streamflow Routing by Convolution Methods, Water Resources Investigations Report 83-4160, U.S. Department of the Interior, 1983.

U.S. Geological Survey, Simulation of Flood Hydrographs for Georgia Streams, Water Resources Investigations Report 86-4004, U.S. Department of the Interior, 1986.

U.S. Geological Survey, Seamless Data Distribution System – 10-meter Digital Elevation Model. Downloaded March 2009, from http://seamless.usgs.gov.

The Weather Channel, Monthly Averages for Swainsboro, Georgia, Retrieved on April 6, 2010, from http://www.weather.com.



FLOOD PROFILES

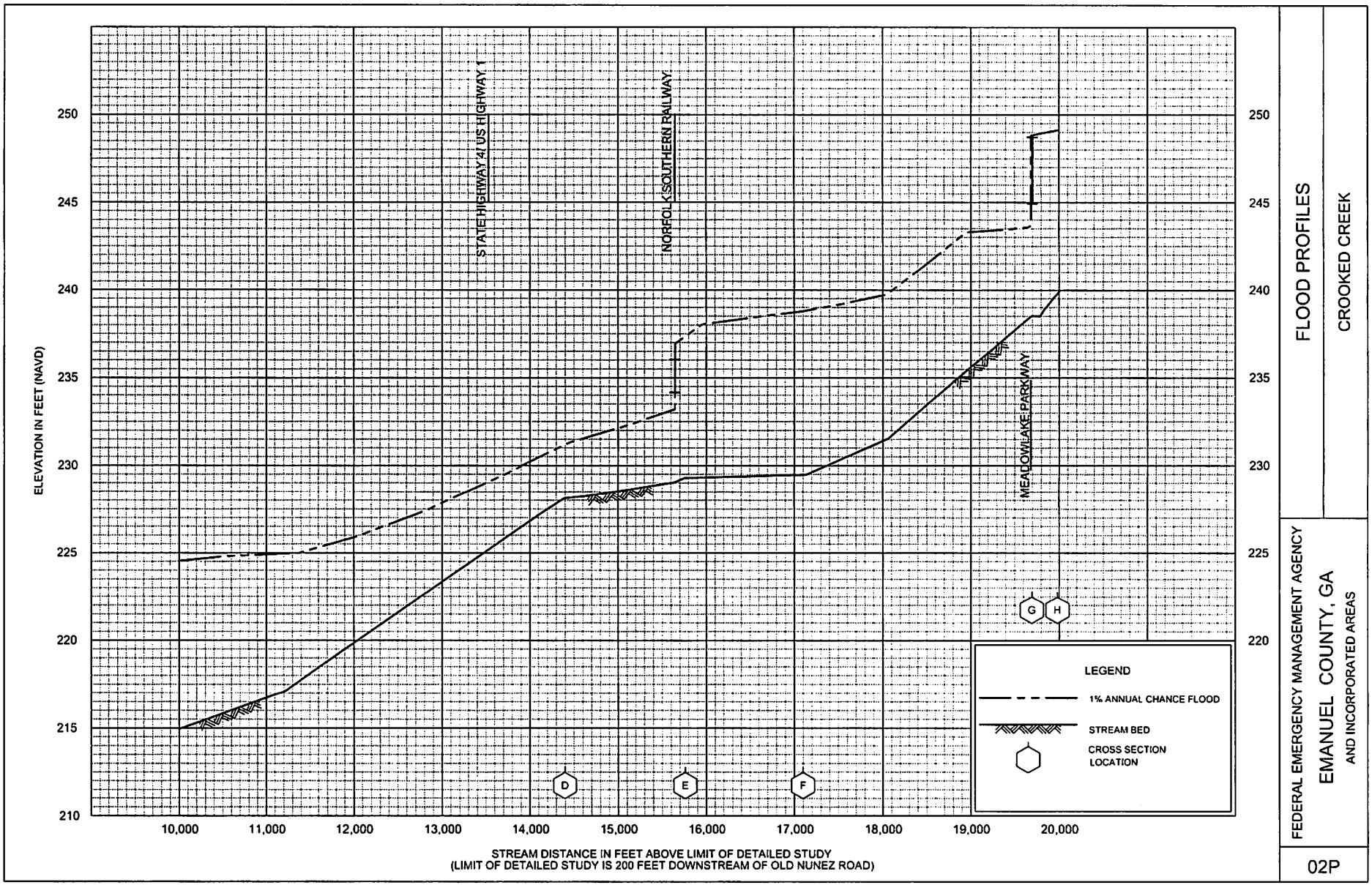
CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

EMANUEL COUNTY, GA

AND INCORPORATED AREAS

01P



FLOOD PROFILES

CROOKED CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

EMANUEL COUNTY, GA

AND INCORPORATED AREAS

02P

FEDERAL EMERGENCY MANAGEMENT AGENCY

EMANUEL COUNTY, GA

AND INCORPORATED AREAS

FLOOD PROFILES

CROOKED CREEK

03P

FEDERAL EMERGENCY MANAGEMENT AGENCY

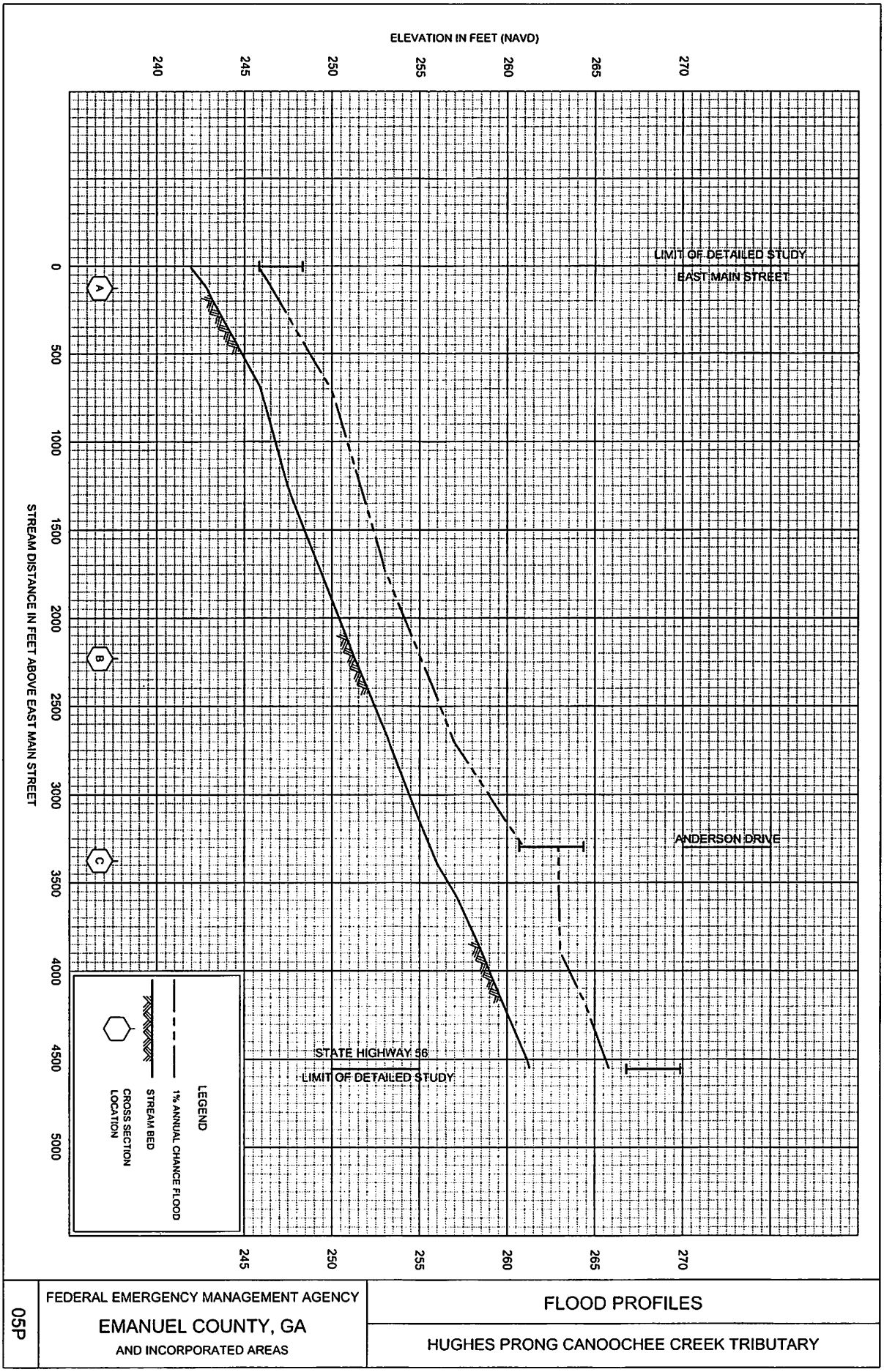
EMANUEL COUNTY, GA

AND INCORPORATED AREAS

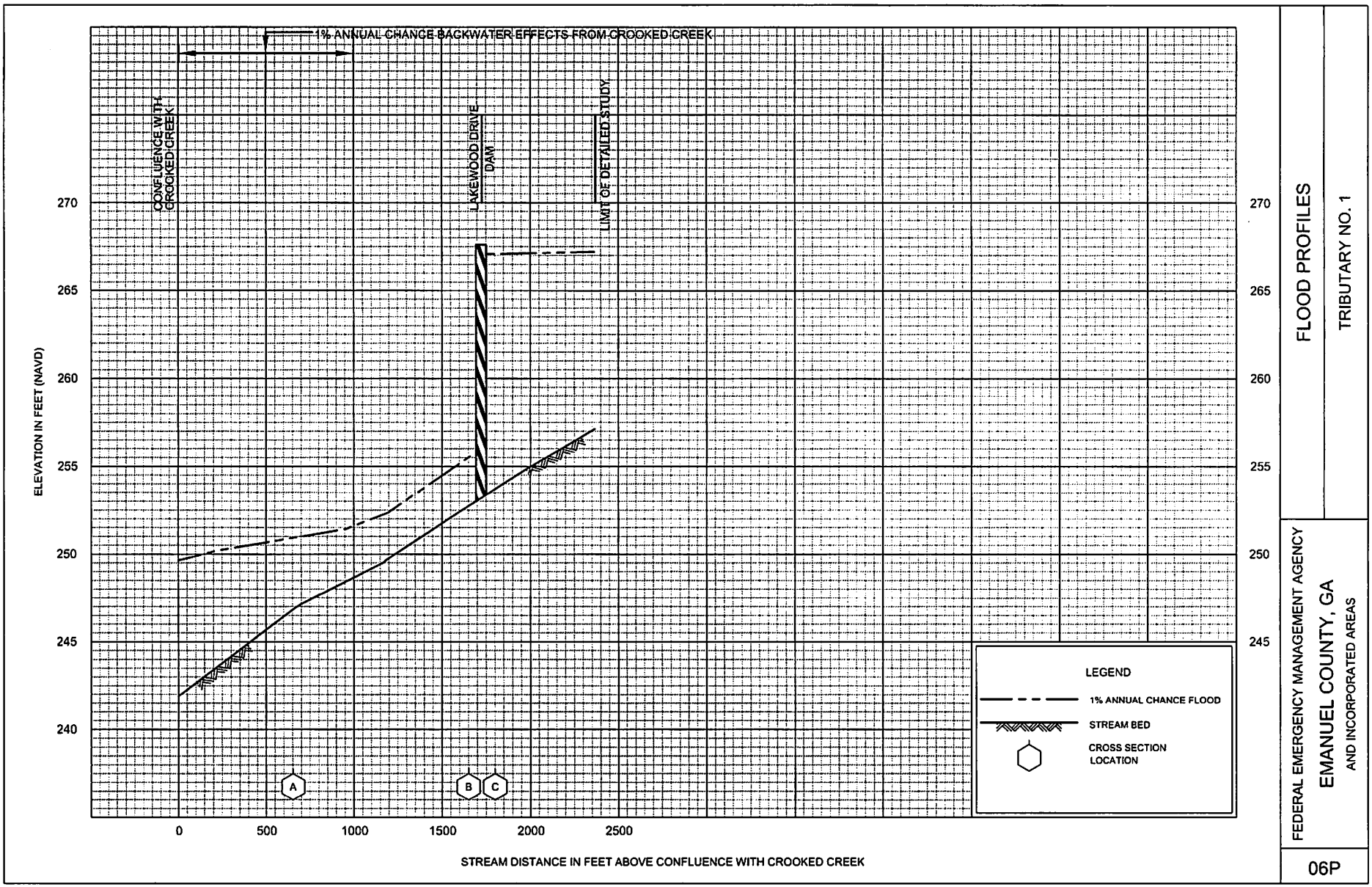
FLOOD PROFILES

HUGHES PRONG CANOOCHEE CREEK

04P



05P	FEDERAL EMERGENCY MANAGEMENT AGENCY EMANUEL COUNTY, GA AND INCORPORATED AREAS	FLOOD PROFILES HUGHES PRONG CANOOCHEE CREEK TRIBUTARY



FLOOD PROFILES

TRIBUTARY NO. 1

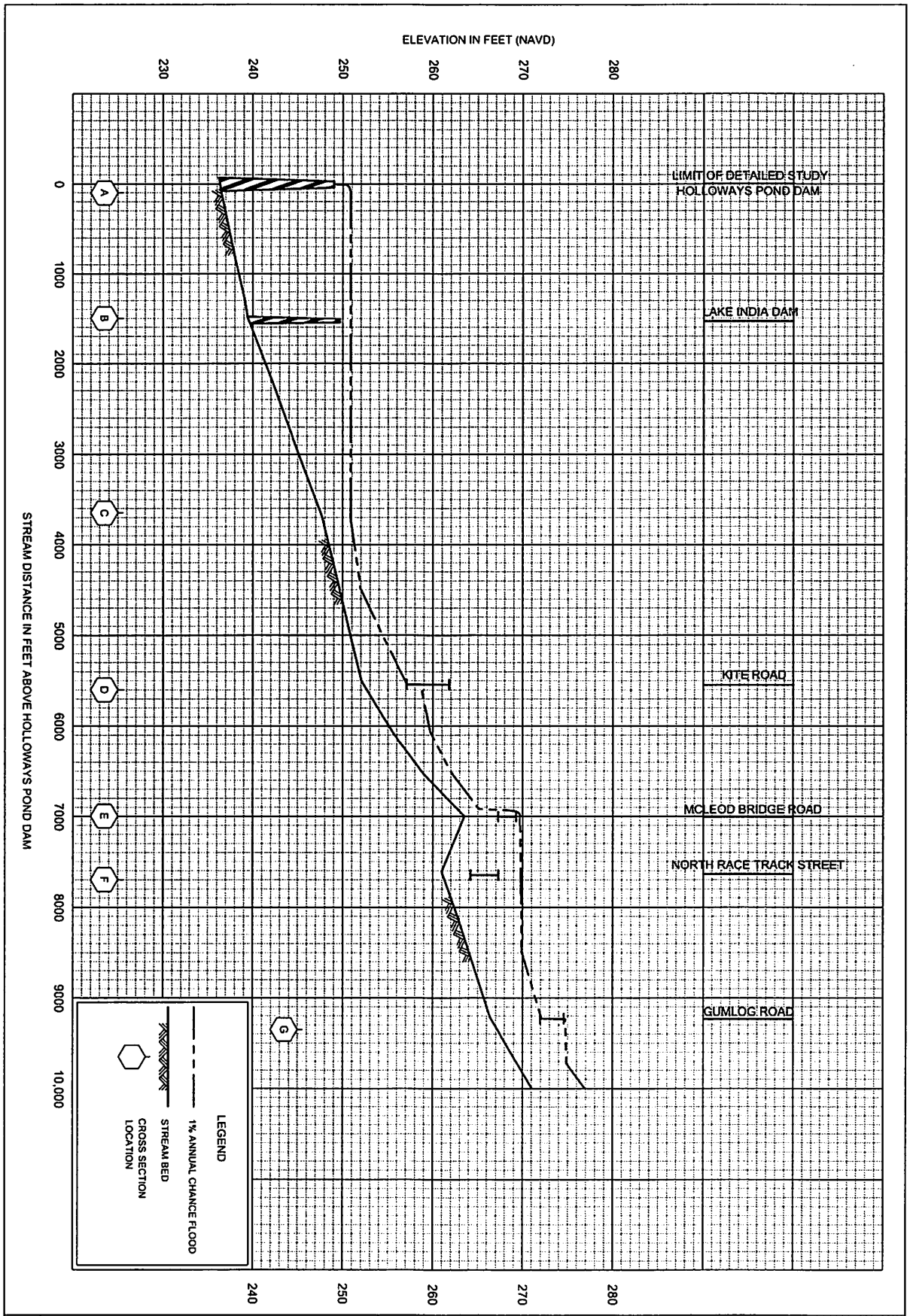
FEDERAL EMERGENCY MANAGEMENT AGENCY

EMANUEL COUNTY, GA

AND INCORPORATED AREAS

06P

07P	FEDERAL EMERGENCY MANAGEMENT AGENCY EMANUEL COUNTY, GA AND INCORPORATED AREAS	FLOOD PROFILES TRIBUTARY NO. 2



08P	FEDERAL EMERGENCY MANAGEMENT AGENCY EMANUEL COUNTY, GA AND INCORPORATED AREAS	FLOOD PROFILES YAM GRANDY CREEK TRIBUTARY

Community Wildfire Protection Plan

GEORGIA FORESTRY
COMMISSION

Community Wildfire Protection Plan

An Action Plan for Wildfire Mitigation and Conservation of Natural Resources

Emanuel County, Georgia

A Program of the Georgia Forestry Commission
with support from the U.S. Forest Service

MAY 2018

Prepared by;

Carson Jones, Chief Ranger, Emanuel County
Will Fell, CWPP Specialist (Initial Plan 2011)
Beryl Budd, Wildfire Prevention Specialist (Revised Plan 2018)

Georgia Forestry Commission
296 Glynwood Drive
Swainsboro, GA 30401

The following report is a collaborative effort among various entities; the representatives listed below comprise the core decision-making team responsible for this report and mutually agree on the plan's contents:

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PLAN CONTENTS

PREFACE

I. Objectives & Community Collaboration 5

II. Community & Wildfire History 6

III. County Base Maps 13

IV. Community Wildfire Risk Assessment 16

V. Southern Wildfire Risk Assessment & Risk Hazard Maps 20

VI. Prioritized Mitigation Recommendations 24

VII. Action Plan 29

VIII. Mitigation & Grant Assistance 32

IX. Glossary 33

X. Sources of Information 35

Appended Documents:

Emanuel County Southern Wildfire Risk Assessment Summary Report (SWRA)

Emanuel County Wildfire Pre-suppression Plan

NFPA 1141 Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas.

Preface

The extreme weather conditions that are conducive to wildfire disasters (usually a combination of extended drought, low relative humidity and high winds) can occur in this area of Georgia as infrequently as every 10-15 years. This is not a regular event, but as the number of homes that have been built in or adjacent to forested or wildland areas increases, it can turn a wildfire under these weather conditions into a major disaster. Wildfires move fast and can quickly overwhelm the resources of even the best equipped fire department. Advance planning can save lives, homes and businesses.

This Community Wildfire Protection Plan (CWPP) includes a locally assessed evaluation of the wildland urban interface areas of the county, looking at the critical issues regarding access to these areas, risk to properties from general issues such as building characteristics and "fire wise" practices and response from local firefighting resources. It further incorporates a locally devised action plan to mitigate these risks and hazards though planning, education and other avenues that may become available to address the increasing threat of wildland fire. The CWPP does not obligate the county financially in any way, but instead lays a foundation for improved emergency response if and when grant funding is available to the county.

The Plan is provided at no cost to the county and can be very important for county applications for hazard mitigation grant funds through the National Fire Plan, FEMA mitigation grants and Homeland Security. Under the Healthy Forest Restoration Act (HFRA) of 2003, communities (counties) that seek grants from the federal government for hazardous fuels reduction work are required to prepare a Community Wildfire Protection Plan.

This plan will:

- Enhance public safety
- Raise public awareness of wildfire hazards and risks
- Educate homeowners on how to reduce home ignitability
- Build and improve collaboration at multiple levels

The public does not have to fall victim to this type of disaster. Homes (and communities) can be designed, built and maintained to withstand a wildfire even in the absence of fire equipment and firefighters on the scene. It takes planning and commitment at the local level before the wildfire disaster occurs and that is what the Community Wildfire Protection Plan is all about.

I. OBJECTIVES & COMMUNITY COLLABORATION

The mission of the following report is to set clear priorities for the implementation of wildfire mitigation in Emanuel County. The plan includes prioritized recommendations for the appropriate types and methods of fuel reduction and structure ignitability reduction that will protect this community and its essential infrastructure. It also includes a plan for wildfire suppression. Specifically, the plan includes community-centered actions that will:

- Educate citizens on wildfire, its risks, and ways to protect lives and properties,
- Support fire rescue and suppression entities,
- Focus on collaborative decision-making and citizen participation,
- Develop and implement effective mitigation strategies, and
- Develop and implement effective community ordinances and codes.

The core team convened on August 26th, 2010 to assess risks and develop the Community Wildfire Protection Plan. The group is comprised of representatives from local government, local fire authorities, and the state agency responsible for forest management. Below are the groups included in the task force:

Emanuel County Board of Commissioners
Emanuel County EMA
Swainsboro Emanuel Co Fire Dept.
Georgia Forestry Commission

It was decided to conduct community assessments on the basis individual fire districts in the county. The various fire departments in the county assessed their districts and reconvened on Jan 28th, 2011 for the purpose of completing the following:

Risk Assessment	Assessed wildfire hazard risks and prioritized mitigation actions.
Fuels Reduction	Identified strategies for coordinating fuels treatment projects.
Structure Ignitability	Identified strategies for reducing the ignitability of structures within the Wildland interface.
Emergency Management	Forged relationships among local government and fire districts and developed/refined a pre-suppression plan.
Education and Outreach	Developed strategies for increasing citizen awareness and action and to conduct homeowner and community leader workshops.

II. COMMUNITY & WILDFIRE HISTORY

Background

Emanuel County, in southeast Georgia's wiregrass region, is the state's thirty-ninth county. It was carved from Bulloch and Montgomery counties in 1812 and named for David Emanuel, a veteran of the Revolutionary War (1775-83) who served as governor of the state in 1801. Although portions of Emanuel County were later annexed by five other counties, Johnson (1858), Jenkins (1905), Toombs (1905), Candler (1914), and Treutlen (1918), its remaining 686 square miles make it the seventh largest in area of Georgia's counties.

The county's original inhabitants were Creek Indians, who lost their land in the 1773 and 1783 Indian cessions. The first white settlers arrived thereafter, acquired land by lottery, and cleared arable land from the pine barrens that cover the county to set up subsistence farms. Forest-related industries soon joined agriculture as an economic mainstay, with the longleaf pine forests providing raw material for sawmills, turpentine stills, and cabinetmakers.

In the age of the automobile, Swainsboro, the county seat, has been called the "Crossroads of the South" for its location at the intersection of U.S. highways 1 and 80. In 1822 the state legislature named it "Swainsborough" in recognition of Stephen Swain, the state senator who introduced the bill for the county's creation in 1812. The town's name was changed to Paris at its incorporation on February 18, 1854, but three years later reverted to its current name, Swainsboro.

There are seven other incorporated towns in the county: Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, and Twin City. Some communities in the county have unusual histories. Because of a late-nineteenth-century family feud, the county line zigzags through the town of Adrian, placing part of it in Johnson County and part of it in Emanuel County. The town of Stillmore, originally called Kea's Mill, received its current name from residents with a sense of humor. They were prompted by a U.S. Post Office memo accompanying a list of potential new names for their town. The memo advised them that if they did not like any of the names on the list, "still more" could be sent.

Before the Civil War (1861-65), transportation through the county was hindered by a lack of roads, and the population remained sparse. This did not prevent Union general William T. Sherman's troops from sweeping through the area in late 1864 on their march to the sea, however, and descendants of those who lived through the march still consider it a major part of the county's history. Many farms fell into a state of disrepair during the war, and efforts to rebuild were difficult after the cessation of hostilities. The county retained a rural character, chiefly because of the lack of roads and railroads. The first train tracks in Emanuel County were not laid until the 1870s, but when the railroads arrived, an era of large-scale lumber industry began. Nearly a century later, in the 1960s, a vigorous increase in both population and industrial trends led to the county's becoming a center for financial investment.

Colleges in the area include East Georgia College and Southeastern Technical College.

Notable Emanuel County residents include Pat Mitchell, the first woman to lead the Public Broadcasting Service. Among the places of interest are the Emanuel Arts Council, which offers a gallery and a gift shop, and the George L. Smith State Park, which houses the renovated Parrish Mill, a combination gristmill, sawmill, covered bridge, and dam dating from the 1880s. Annual events include the Pine Tree Festival, Garfield Washpot Cookout, and Agricultural Appreciation Day.

According to the 2000 U.S. census, the population of Emanuel County was 21,837 (63.7 percent white, 33.3 percent black, and 3.4 percent Hispanic), a 6.3 percent increase since 1990.
Elizabeth B. Cooksey, Savannah, Courtesy New Georgia Encyclopedia

Wildfire History

Emanuel County located in southeast Georgia, is still almost 70% forested, despite an agricultural presence scattered throughout the county. Perhaps with the exception of the large blocks of woodlands in the areas along the Ohoopee, Canoochee and Ogeechee Rivers, there are homes and communities scattered throughout the county. The risks and hazards from the wildland urban interface are fairly general and substantial throughout the county even on the edges of the incorporated cities.

Emanuel County is protected by the Swainsboro Emanuel County Fire Department with a full time station in Swainsboro along with 12 volunteer departments located throughout the county. The Georgia Forestry Commission maintains a county protection unit located on the southeastern edge of Swainsboro just off of US Hwy 1 to respond to wildfires throughout the county. The cities of Swainsboro, Twin City, Adrian, Oak Park, Summertown, Stillmore, Nunez and Garfield are serviced by pressurized water systems with hydrants available.

Over the past 52 years, Emanuel County has averaged 133 reported wildland fires per year, burning an average of 876 acres per year. Using more recent figures over the past 10 years, this number has reduced significantly to an average of 76 fires per year burning on average 346 acres annually. The occurrence of these fires during this later period shows a pronounced peak during the months of January, February, March and April accounting for 57% of the annual fires and 67% of the average acreage burned. There is a significant decrease during the remainder of the year, particularly during the summer months, except for years with extreme drought such as 2007 and 2011.

Over the past 10 years (2007-2016), the leading causes of these fires, was debris burning and Machine Use causing 45% and 15% respectively of the fires and 53% and 8% respectively of the acres burned. Incendiary (arson) was the third leading cause accounting for 12% of the fires and 14% of the acreage burned during those years. Other major causes were lightning, children, campfires, and other miscellaneous causes. Records show that over 46% of the debris burning caused fires originated from prescribed burning and 27% were caused by careless homeowner burning. Other debris burning caused fires were from agriculture, site preparation, and construction activities.

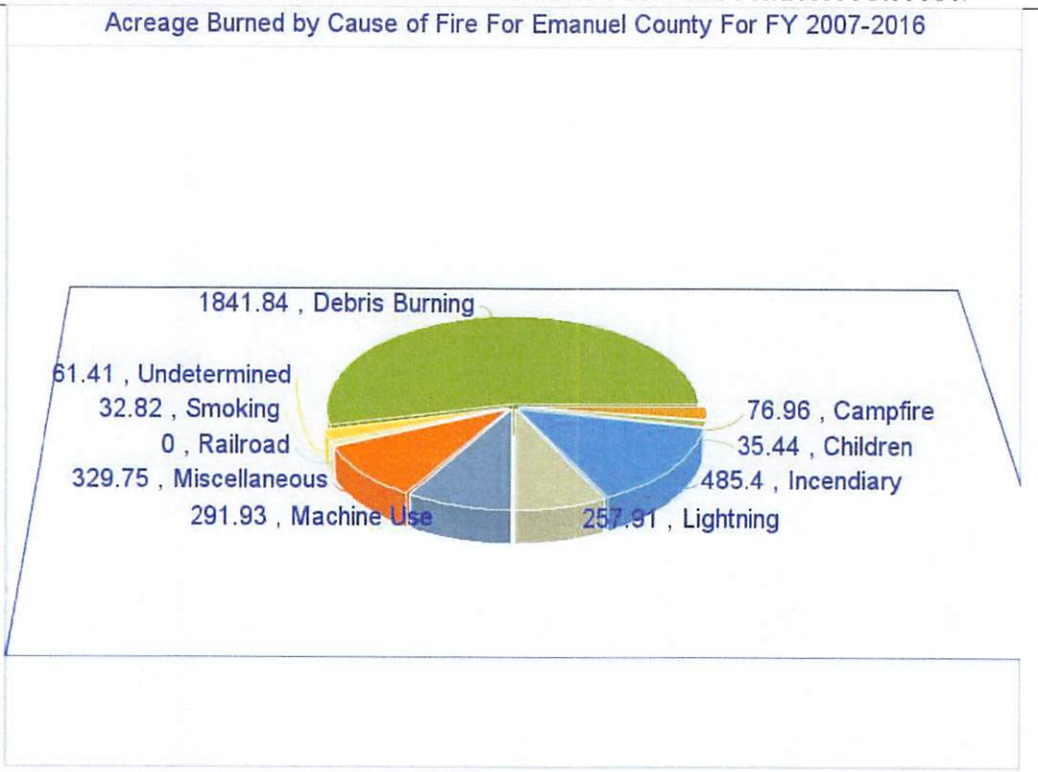
The next several pages (8-12) include wildfire data from FY2017 and the preceding 10 fiscal years (2007 thru 2016). This data includes wildfire numbers, acreages, causes, and occurrence maps.

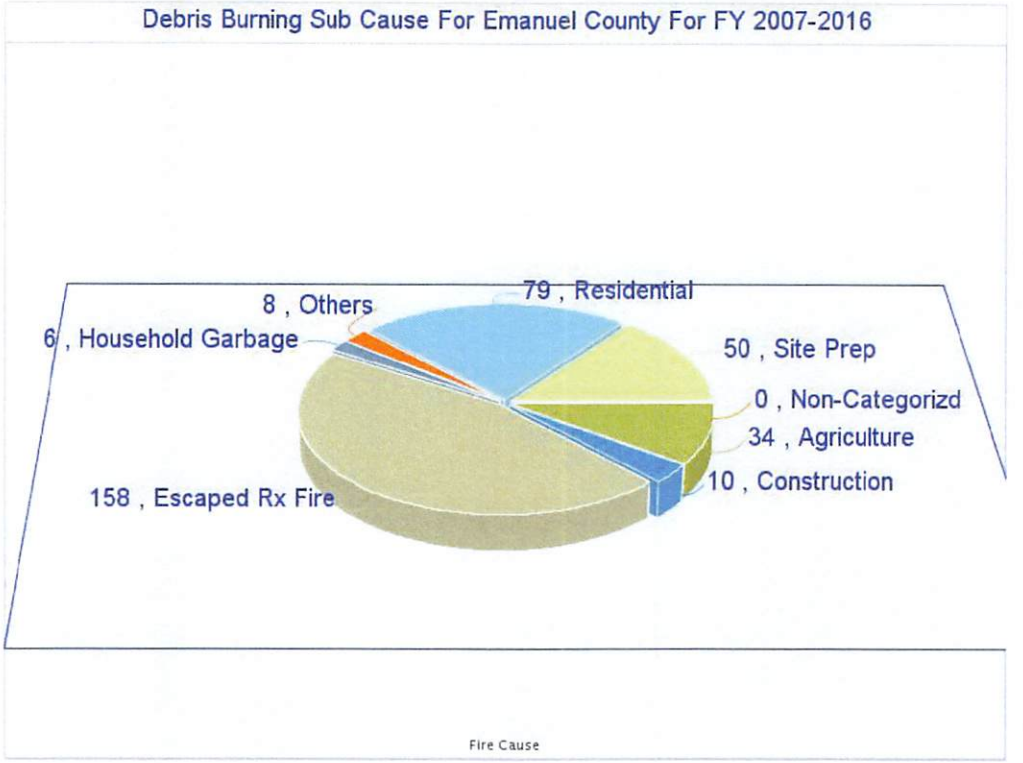
County = Emanuel	Cause	Fires		Acres	Fires 5 Yr Avg	Acres 5 Yr Avg
Campfire	Campfire	7		5.33	6.00	7.86
Children	Children	1		1.50	2.40	1.48
Debris: Ag Fields, Pastures, Orchards, Etc	Debris: Ag Fields, Pastures, Orchards, Etc	2		0.85	3.40	21.68
Debris: Construction Land Clearing	Debris: Construction Land Clearing	3		5.25	1.40	1.63
Debris: Escaped Prescribed Burn	Debris: Escaped Prescribed Burn	18		171.05	17.20	73.32
Debris: Household Garbage	Debris: Household Garbage	1		0.10	0.60	0.22
Debris: Other	Debris: Other	0		0.00	0.40	0.37
Debris: Residential, Leafpiles, Yard, Etc	Debris: Residential, Leafpiles, Yard, Etc	13		19.32	8.60	17.94
Debris: Site Prep - Forestry Related	Debris: Site Prep - Forestry Related	13		82.42	8.00	26.97
Incendiary	Incendiary	8		6.43	3.80	6.37
Lightning	Lightning	5		95.25	3.00	43.91
Machine Use	Machine Use	10		25.57	6.60	11.97
Miscellaneous: Cutting/Welding/Grinding	Miscellaneous: Cutting/Welding/Grinding	1		0.10	0.40	0.04
Miscellaneous: Other	Miscellaneous: Other	0		0.00	1.00	0.37
Miscellaneous: Power lines/Electric fences	Miscellaneous: Power lines/Electric fences	4		23.20	3.60	7.68
Miscellaneous: Spontaneous Heating/Combustion	Miscellaneous: Spontaneous Heating/Combustion	1		0.01	0.40	0.10
Miscellaneous: Structure/Vehicle Fires	Miscellaneous: Structure/Vehicle Fires	6		3.81	3.20	27.85
Miscellaneous: Woodstove Ashes	Miscellaneous: Woodstove Ashes	1		0.20	0.40	1.24
Railroad	Railroad	0		0.00	0.20	0.02
Smoking	Smoking	0		0.00	0.20	1.70
Undetermined	Undetermined	3		10.39	4.60	14.36
Totals for County: Emanuel Year: 2017		97		450.78	75.40	267.09

Acreage Burned /Number of Fires For Emanuel County For FY 2007-2016				
Year	**Acreage Burned**	**Number of Fires**	**Average Size**	**Statewide Average Size**
2007	487.14	94	5.18	18.64
2008	251.74	76	3.31	4.56
2009	285.79	72	3.97	3.90
2010	143.92	42	3.43	3.93
2011	862.25	108	7.98	17.56
2012	544.74	93	5.86	5.08
2013	386.06	87	4.44	4.53
2014	211.02	61	3.46	5.02
2015	193.06	87	2.28	4.42
2016	94.51	45	2.10	6.29

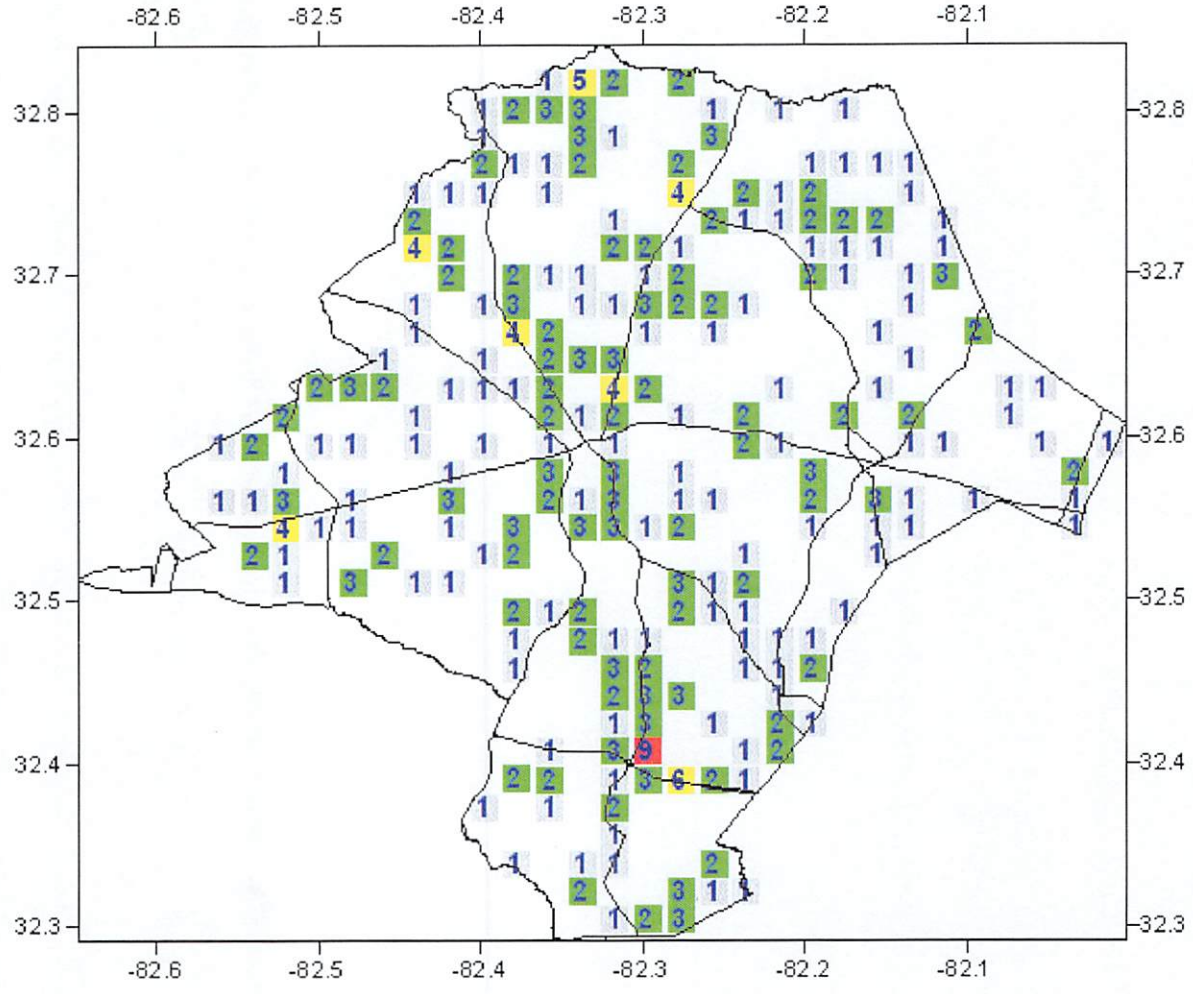
Number of Fires by Cause for Emanuel County for FY 2007 to 2016

Year	Campfire	Children	Debris Burning	Incendiary	Lightning	Machine Use	Miscellaneous	Railroad	Smoking
2007	5	3	21	25	10	22	8	0	0
2008	1	2	37	10	7	13	6	0	0
2009	5	1	28	10	1	15	11	0	1
2010	3	2	21	8	2	4	1	0	1
2011	3	1	49	11	12	23	0	9	0
2012	6	2	41	13	6	14	5	5	1
2013	14	2	42	4	6	6	13	0	0
2014	5	4	35	1	0	3	12	0	1
2015	4	4	47	2	2	5	22	1	0
2016	0	1	24	4	2	9	5	0	0


Acreage Burned by Cause of Fire For Emanuel County For FY 2007-2016
1841.84 , Debris Burning
61.41 , Undetermined
32.82 , Smoking
0 , Railroad
329.75 , Miscellaneous
291.93 , Machine Use
76.96 , Campfire
35.44 , Children
485.4 , Incendiary
257.91 , Lightning


Debris Burning Sub Cause For Emanuel County For FY 2007-2016
8 , Others
79 , Residential
6 , Household Garbage
50 , Site Prep
0 , Non-Categorizd
34 , Agriculture
158 , Escaped Rx Fire
10 , Construction
Fire Cause

Fire Occurrence Map for Emanuel County for Fiscal Year 2007-2011



GEORGIA FORESTRY COMMISSION

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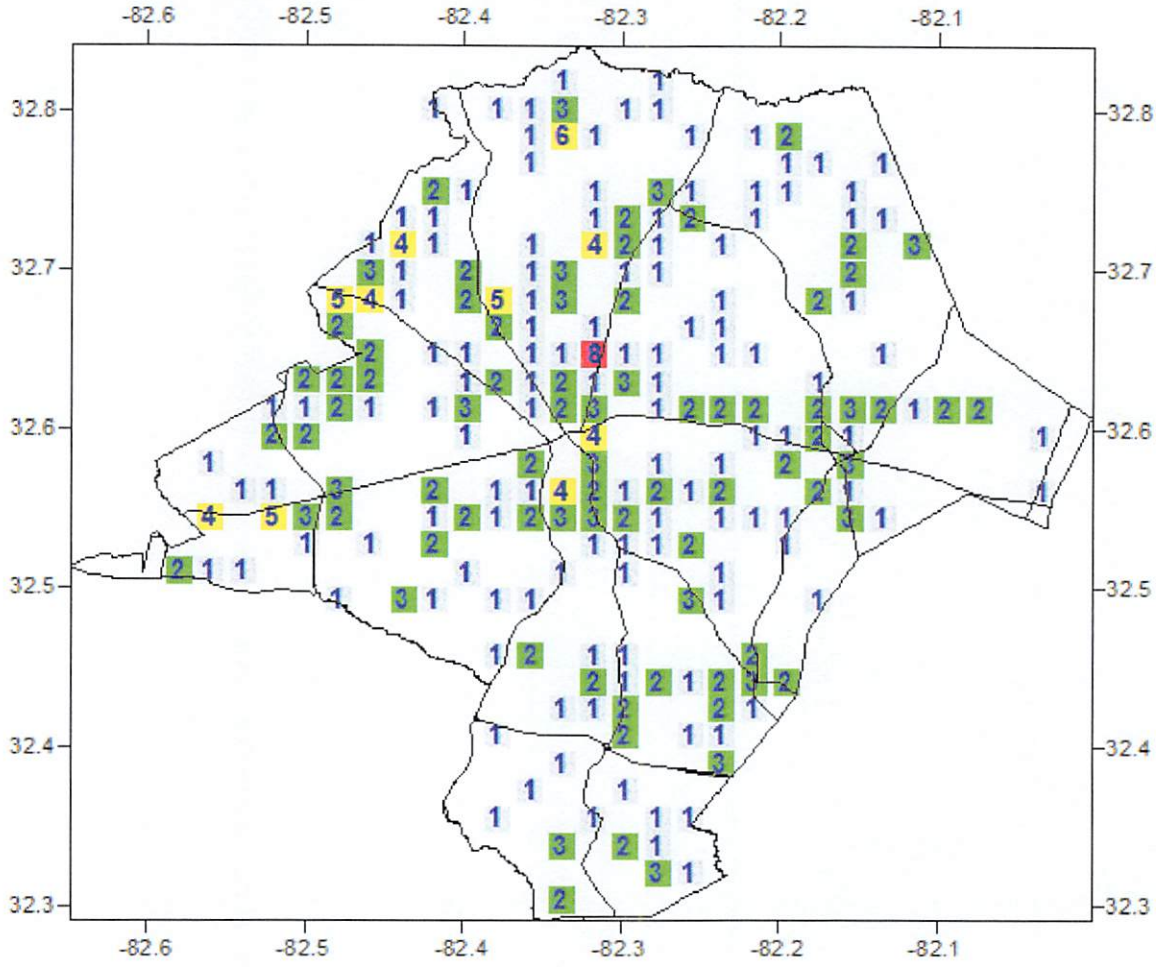
2 to 4
4 to 8
8 to 15
15 to 50

GEORGIA FORESTRY COMMISSION

Fire Occurrence Map for Emanuel County for Fiscal Year 2012-2016



GEORGIA FORESTRY COMMISSION

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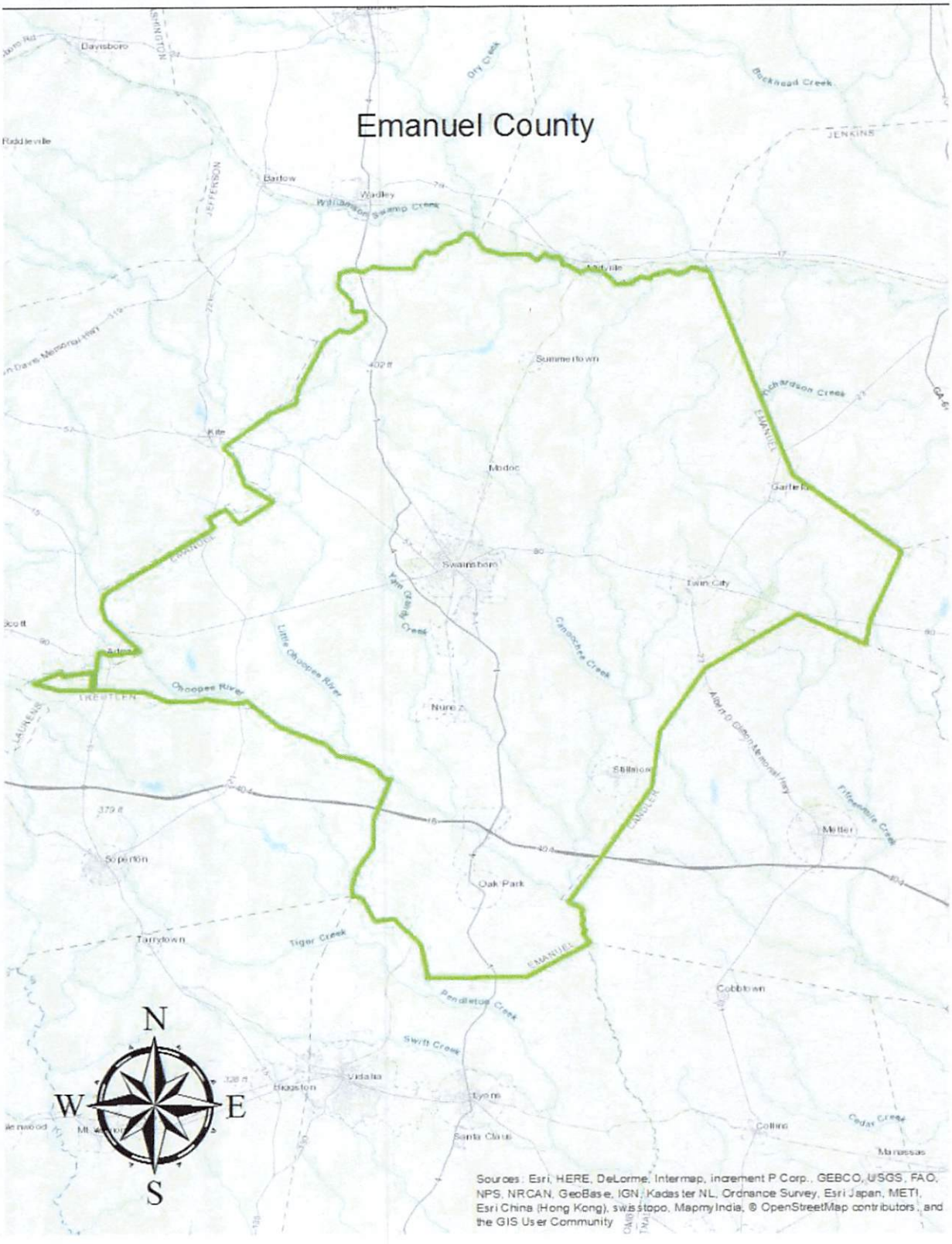
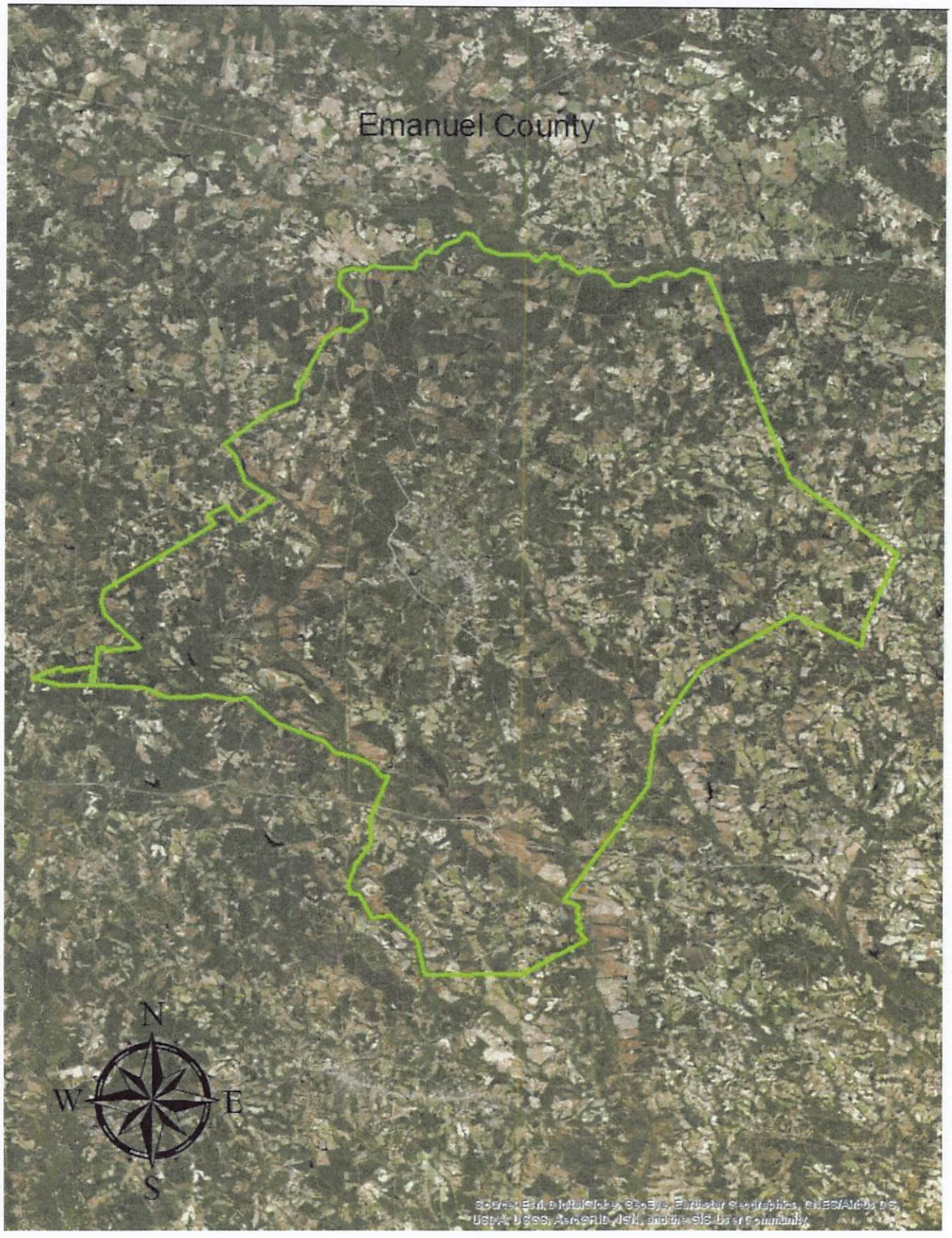
2 to 4
4 to 8
8 to 15
15 to 50

GEORGIA FORESTRY COMMISSION

IV. COUNTY BASE MAPS




Emanuel County
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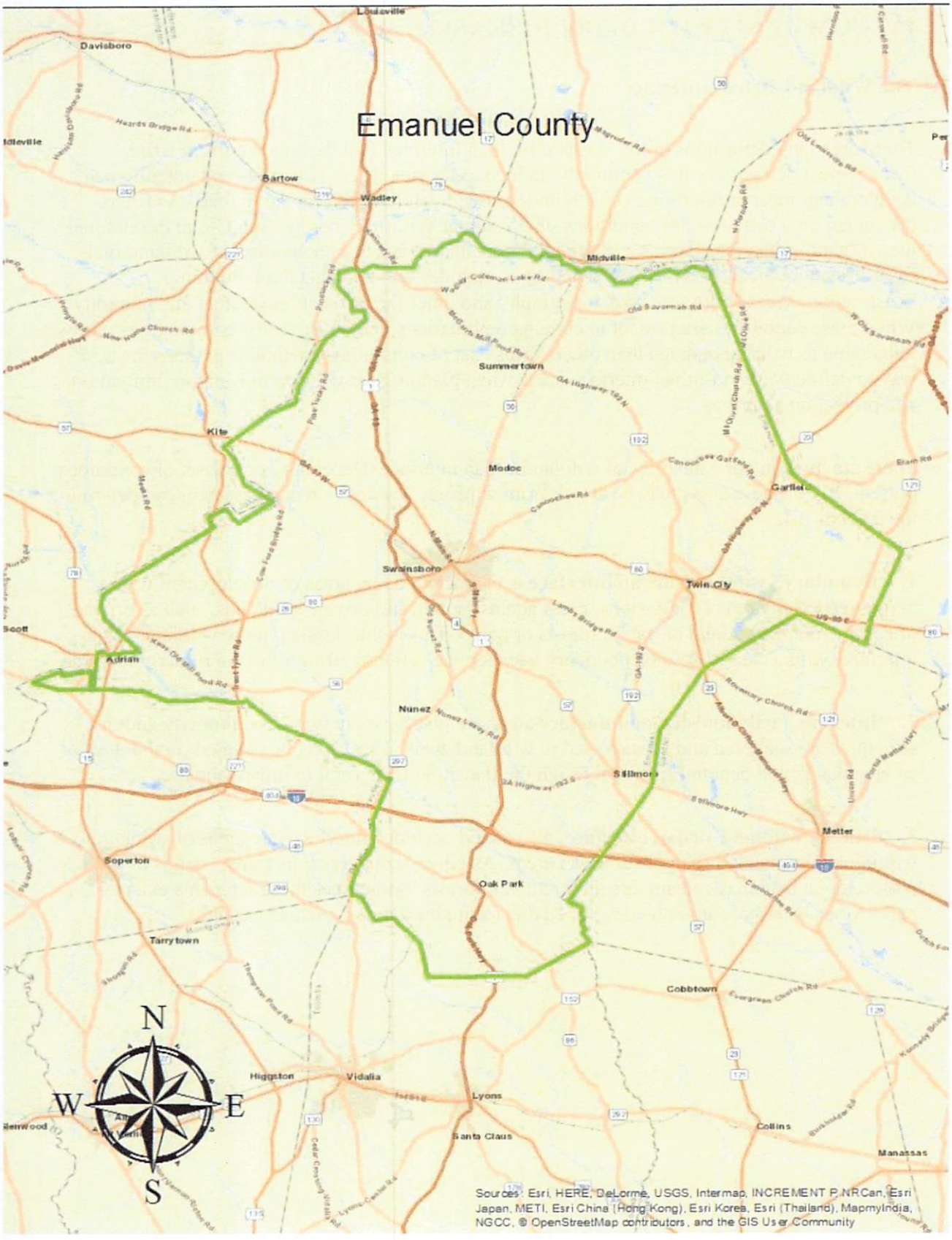
W
E
S


Emanuel County
Louisville
Davisboro
Bartow
Wadley
Midville
Summertown
Kite
Modoc
Swainsboro
Twin City
Scott
Adrian
Nunez
Stillmore
Metter
Soperton
Oak Park
Tarrytown
Cobbtown
Higgston
Vidalia
Lyons
Santa Claus
Collins
Manassas
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Sources: Esri, HERE, DeLorme, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), MapmyIndia, NGCC, © OpenStreetMap contributors, and the GIS User Community

IV. COMMUNITY WILDFIRE RISKASSESSMENT

The Wildland-Urban Interface

There are many definitions of the Wildland-Urban Interface (WUI), however from a fire management perspective it is commonly defined as an area where structures and other human development meet or intermingles with undeveloped wildland or vegetative fuels. As fire is dependent on a certain set of conditions, the National Wildfire Coordinating Group has defined the wildland-urban interface as a set of conditions that exists in or near areas of wildland fuels, regardless of ownership. This set of conditions includes type of vegetation, building construction, accessibility, lot size, topography and other factors such as weather and humidity. When these conditions are present in certain combinations, they make some communities more vulnerable to wildfire damage than others. This "set of conditions" method is perhaps the best way to define wildland-urban interface areas when planning for wildfire prevention, mitigation, and protection activities.

There are three major categories of wildland-urban interface. Depending on the set of conditions present, any of these areas may be at risk from wildfire. A wildfire risk assessment can determine the level of risk.

1. **"Boundary" wildland-urban interface** is characterized by areas of development where homes, especially new subdivisions, press against public and private wildlands, such as private or commercial forest land or public forests or parks. This is the classic type of wildland-urban interface, with a clearly defined boundary between the suburban fringe and the rural countryside.

2. **"Intermix" wildland-urban interface** areas are places where improved property and/or structures are scattered and interspersed in wildland areas. These may be isolated rural homes or an area that is just beginning to go through the transition from rural to urban land use.

3. **"Island" wildland-urban interface**, also called occluded interface, are areas of wildland within predominately urban or suburban areas. As cities or subdivisions grow, islands of undeveloped land may remain, creating remnant forests. Sometimes these remnants exist as parks, or as land that cannot be developed due to site limitations, such as wetlands.

Wildland Urban Interface Hazards

Firefighters in the wildland urban interface may encounter hazards other than the fire itself, such as hazardous materials, utility lines and poor access.

Hazardous Materials

- Common chemicals used around the home may be a direct hazard to firefighters from a flammability, explosion potential and/or vapors or off gassing. Such chemicals include paint, varnish and other flammable liquids, fertilizer, pesticides, cleansers, aerosol cans, fireworks, batteries and ammunition. In addition, some common household products such as plastics may give off very toxic fumes when they burn. Stay out of smoke form burning structures and any unknown sources such as trash piles.

Illicit Activities

- Marijuana plantations or drug production labs may be found in the wildland urban interface areas. Extremely hazardous materials such as propane tanks and flammable/toxic chemicals may be encountered.

Propane Tanks

- Both large (household size) and small (gas grill size) liquefied propane gas (LPG) tanks can present hazards to firefighters, including explosion. See the "LPG Tank Hazards" discussion for details

Utility Lines

- Utility Lines may be located above and below ground and may be cut or damaged by tools or equipment. Don't spray water on utility lines or boxes.

Septic Tanks and Fields

- Below ground structures may not be readily apparent and may not support the weight of engines or other equipment.

New Construction Materials

- Many new construction materials have comparatively low melting points and may "off- gas" extremely hazardous vapors. Plastic decking materials that resemble wood are becoming more common and may begin softening and losing structural strength at 180 degrees F, though they normally do not sustain combustion once direct flame is removed. However if they continue to burn they exhibit the characteristics of flammable liquids.

Pets and Livestock

- Pets and livestock may be left when residents evacuate and will likely be highly stressed making them more inclined to bite and kick. Firefighters should not put themselves at risk to rescue pets or livestock.

Evacuation Occurring

- Firefighters may be taking structural protect actions while evacuations of residents are occurring. Be very cautious of people driving erratically. Distraught residents may refuse to leave their property and firefighters may need to disengage from fighting fire to contact law enforcement officers for assistance. In most jurisdictions firefighters do not have the authority to force evacuations. Firefighters should not put themselves at risk trying to protect someone who will not evacuate!

Limited Access

- Narrow one-lane roads with no turn around room, inadequate or poorly maintained bridges and culverts are frequently found in wildland urban interface areas. Access should be sized up and an evacuation plan for all emergency personnel should be developed.

Wildland Urban Interface (WUI) is described as the area where structures and other human improvements meet and intermingle with undeveloped wildland or vegetative fuels.

The wildland fire risk assessments conducted in 2011 by the Emanuel County Fire Departments returned a number of communities in the very high range. The risk assessment instrument used to evaluate wildfire hazards to Emanuel County's WUI was the Hazard and Wildfire Risk Assessment Checklist. The instrument takes into consideration accessibility, vegetation (based on fuel models), roofing assembly, building construction, and availability of fire protection resources, placement of gas and electric utilities, and additional rating factors. The following factors contributed to the wildfire hazard scores for Emanuel County:

- Unpaved roads and private driveways
- One way in and out
- Narrow roads without drivable shoulders
- Lack of uniform address signs
- Dead end roads without "turnarounds"
- Minimal defensible space around structures
- Homes with wooden siding
- Unmarked septic tanks in yards
- Lack of pressurized or non-pressurized water systems available
- Large, adjacent areas of forest or wildlands
- Heavy fuel buildup in adjacent wildlands
- Undeveloped lots comprising half the total lots in many rural communities.
- High occurrence of wildfires in the several locations
- Lack of homeowner or community organizations

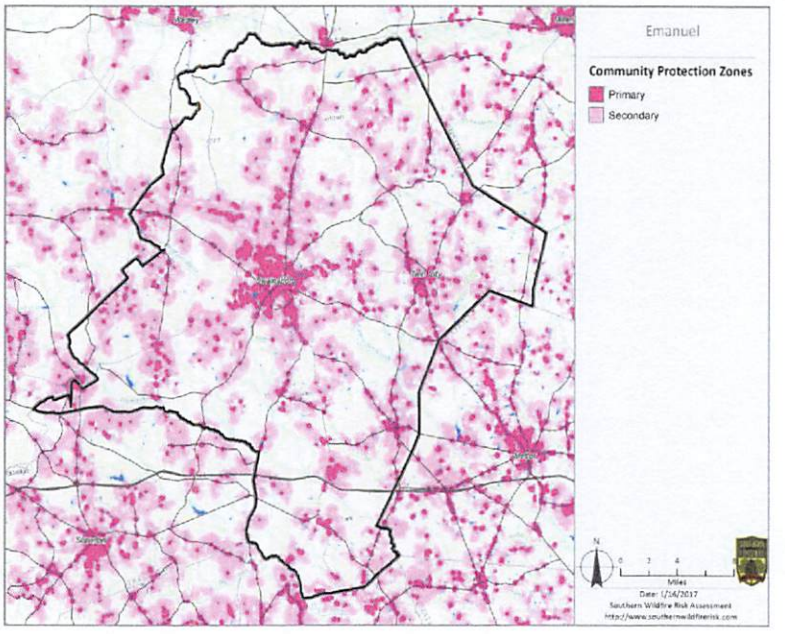
Summary of Emanuel County Assessments

Fire District	Community Access	Surrounding Vegetation	Building Construction	Fire Protection	Utilities	Add. Factors	Score	Hazard Rating
Twin City	8	20	10	12	5	18	72	Moderate
Dellwood	6	20	20	8	5	28	87	High
Summertown	12	35	20	15	7	35	124	Very High
Garfield	15	20	15	12	7	9	78	High
Canoochee	21	20	15	17	9	25	107	Very High
Cross-n-Green	21	20	23	20	8	25	117	Very High
Stillmore	21	35	15	12	9	35	127	Extreme
Swainsboro	24	35	25	13	9	35	141	Extreme
Nunez	23	20	30	12	9	40	134	Extreme
Adrian	23	20	20	17	9	17	106	Very High
Norristown	22	20	20	21	9	27	119	Very High
Oak Park	25	35	25	15	4	40	145	Extreme

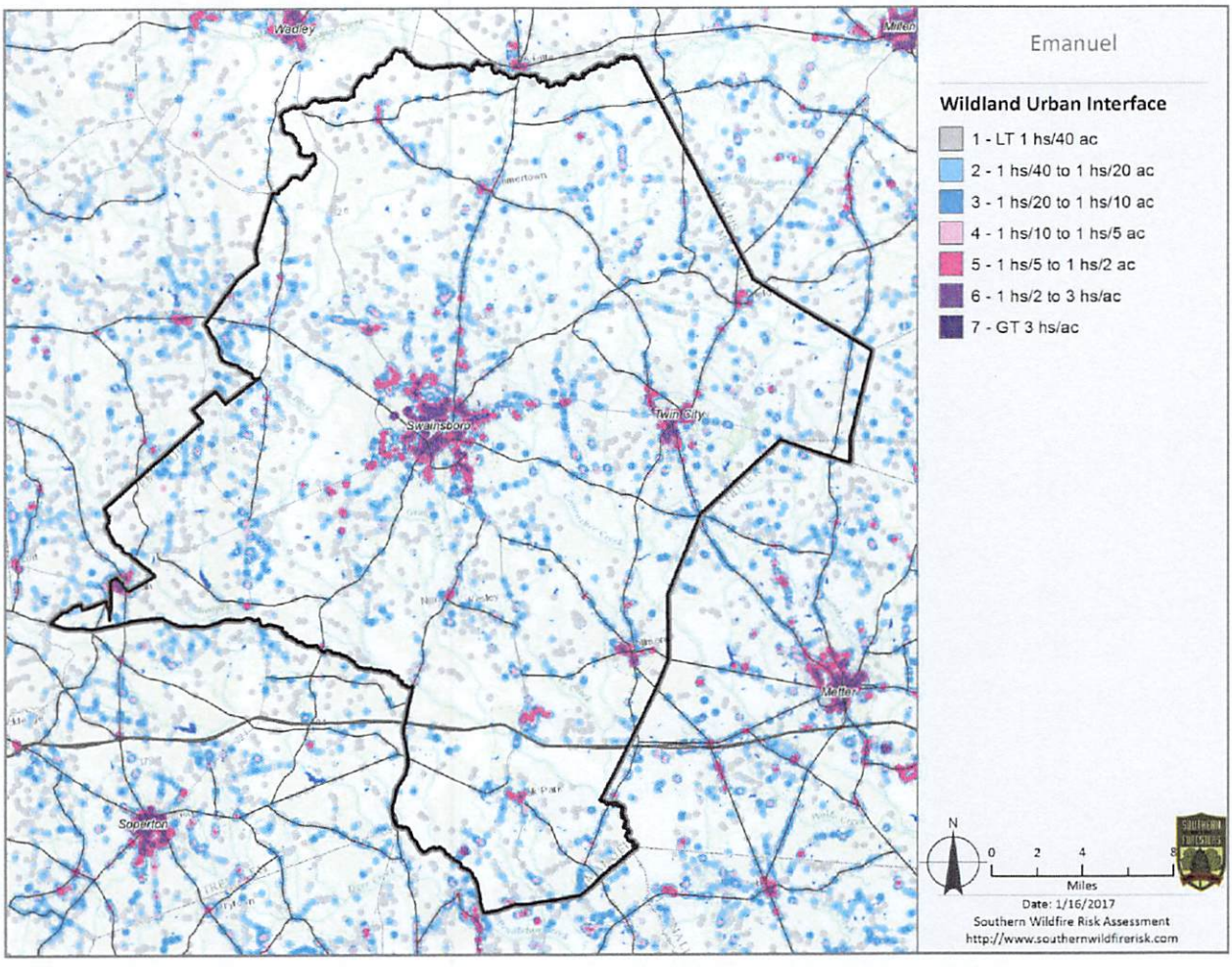
V. SOUTHERN WILDFIRE RISK ASSESSMENT & RISK HAZARD MAPS

The Southern Wildfire Risk Assessment tool, developed by the Southern Group of State Foresters, was released to the public in July 2014. This tool allows users of the Professional Viewer application of the Southern Wildfire Risk Assessment (SWRA) web Portal (SouthWRAP) to define a specific project area and summarize wildfire related information for this area. A detailed risk summary report is generated using a set of predefined map products developed by the Southern Wildfire Risk Assessment project which have been summarized explicitly for the user defined project area. A risk assessment summary was generated for Emanuel County. The SouthWRAP (SWRA) products included in this report are designed to provide the information needed to support the following key priorities:

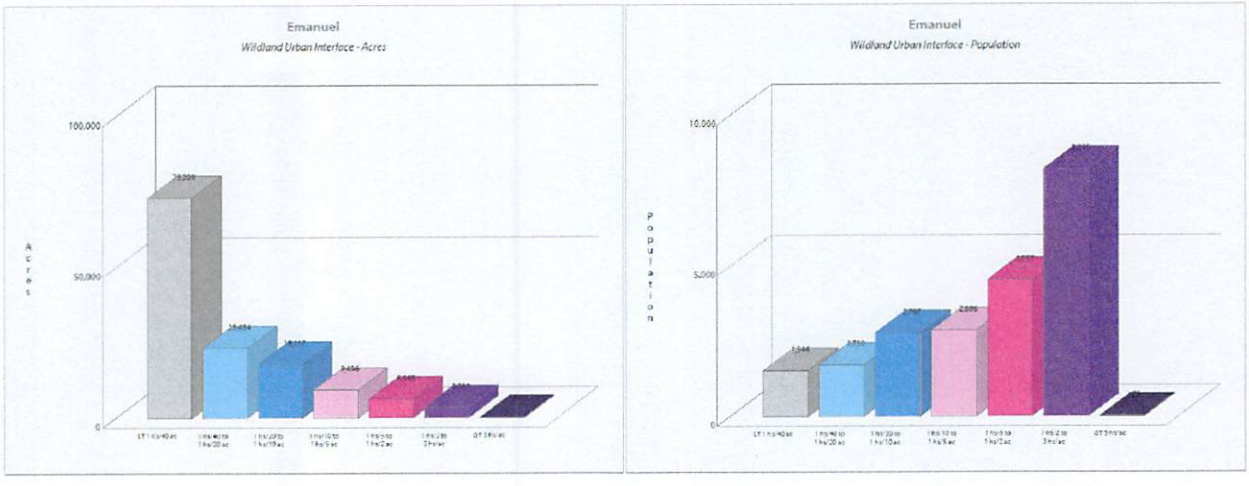
- Identify areas that are most prone to wildfire
- Identify areas that may require additional tactical planning, specifically related to mitigation projects and Community Wildfire Protection Planning
- Provide the information necessary to justify resource, budget and funding requests
- Allow agencies to work together to better define priorities and improve emergency response, particularly across jurisdictional boundaries
- Define wildland communities and identify the risk to those communities
- Increase communication and outreach with local residents and the public to create awareness and address community priorities and needs
- Plan for response and suppression resource needs
- Plan and prioritize hazardous fuel treatment programs

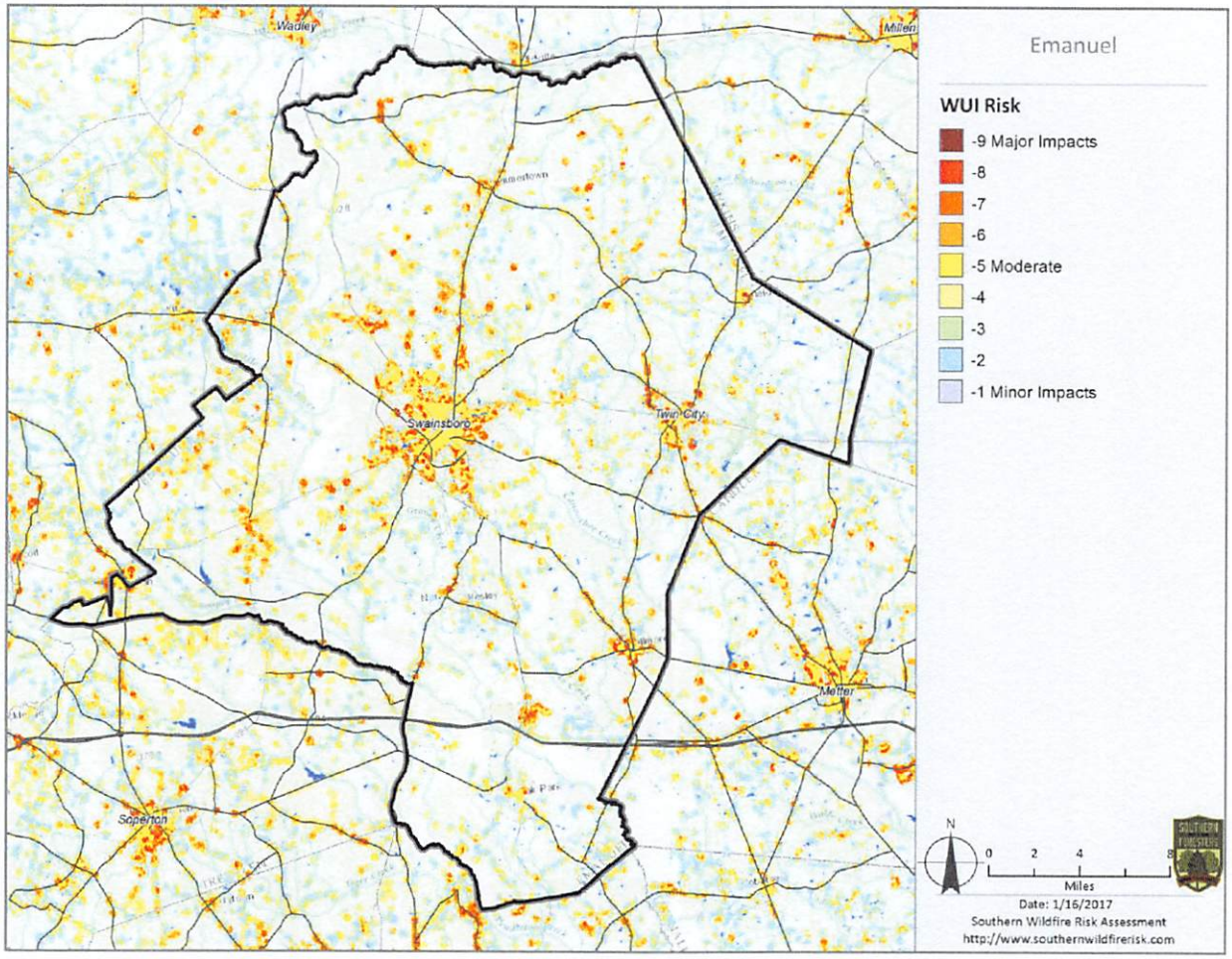


Community Protection Zones map from the Emanuel County SWRA

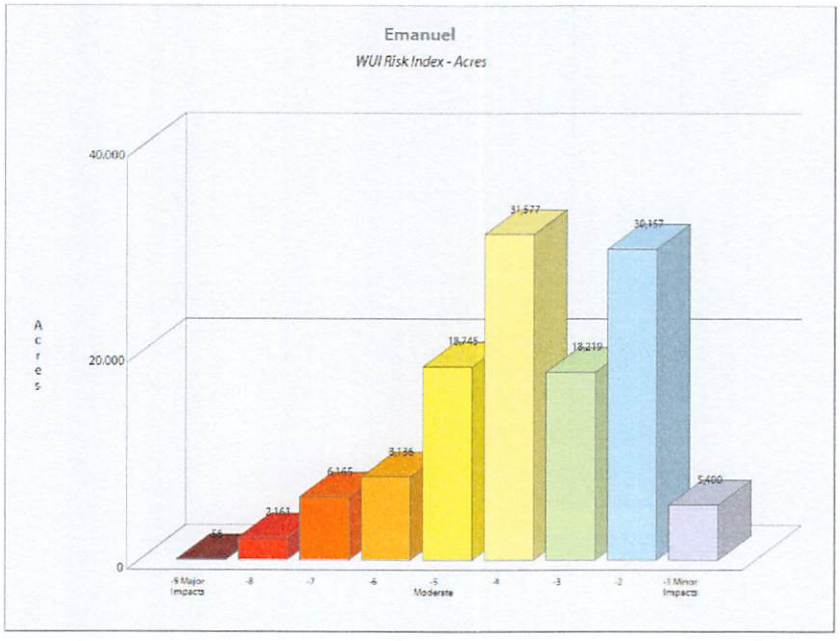


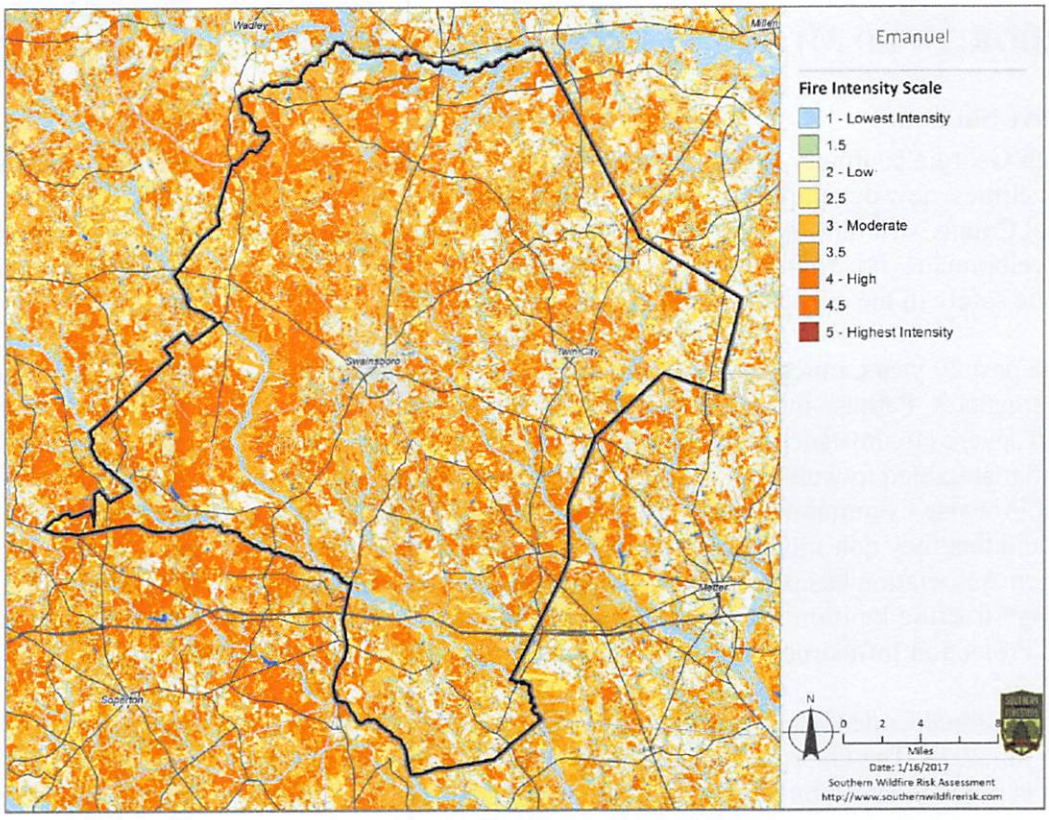
Above: Wildland Urban Interface (WUI) map Below: WUI Acres (left) and WUI Population (right)



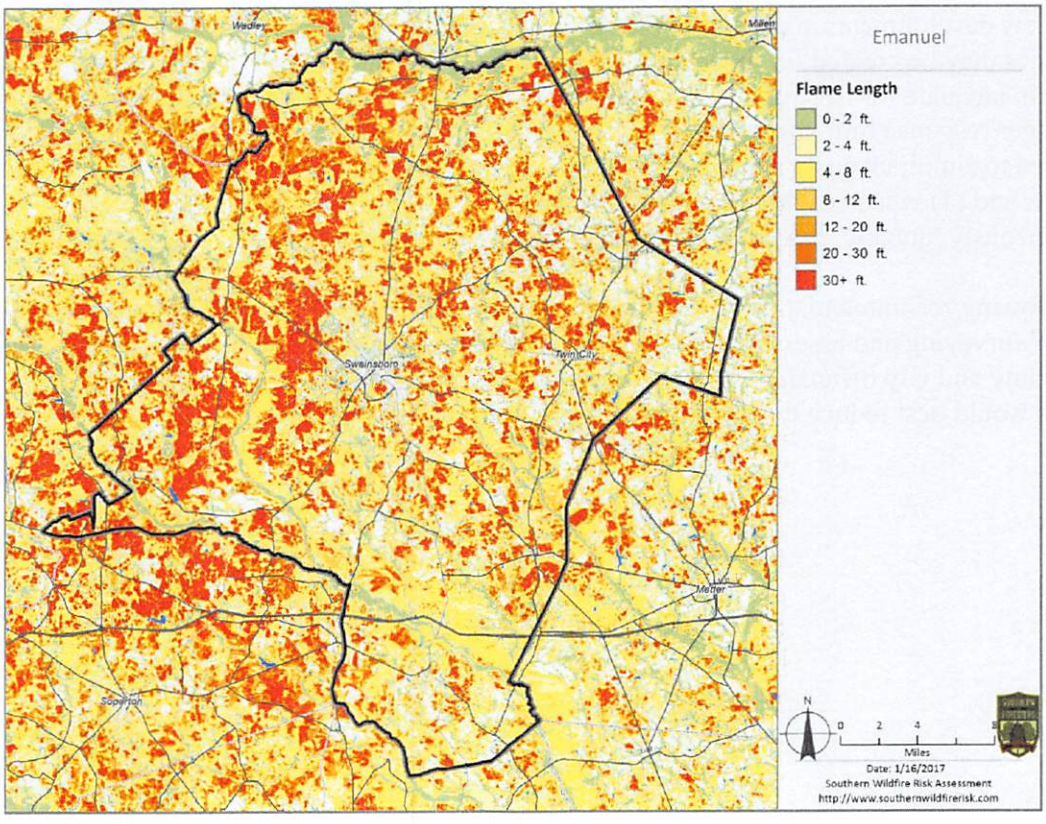


Above: Wildland Urban Interface (WUI) Risk map Below: WUI Risk Index - Acres





Above: Fire Intensity Scale map Below: Flame Length map



VI. PRIORITIZED MITIGATION RECOMMENDATIONS

Executive Summary

As South Georgia continues to see increased growth from other areas seeking less crowded and warmer climes, new development will occur more frequently on forest and wildland areas. Emanuel County will have an opportunity to significantly influence the wildland fire safety of new developments. It is important that new development be planned and constructed to provide for public safety in the event of a wildland fire emergency.

Over the past 20 years, much has been learned about how and why homes burn during wildland fire emergencies. Perhaps most importantly, case histories and research have shown that even in the most severe circumstances, wildland fire disasters can be avoided. Homes can be designed, built and maintained to withstand a wildfire even in the absence of fire services on the scene. The national Firewise Communities program is a national awareness initiative to help people understand that they don't have to be victims in a wildfire emergency. The National Fire Protection Association has produced two standards for reference: NFPA 1144 Standard for Reducing Structure Ignition Hazards from Wildland Fire. 2008 Edition and NFPA 1141 Standard for Fire Protection Infrastructure for Land Development in Suburban and Rural Areas.

The International Code Council developed the International Wildland Urban Interface Code (IWUIC) in 2012. The Georgia Legislature adopted the Code for use by Georgia Counties in 2014. It is not mandatory but can be adopted by Counties to incorporate into their development regulations in areas prone to wildfires and high risk WUI areas. This code can help minimize structural losses from wildfires.

When new developments are built in the Wildland/Urban Interface, a number of public safety challenges may be created for the local fire services: (1) the water supply in the immediate areas may be inadequate for fire suppression; (2) if the Development is in an outlying area, there may be a longer response time for emergency services; (3) in a wildfire emergency, the access road(s) may need to simultaneously support evacuation of residents and the arrival of emergency vehicles; and (4) when wildland fire disasters strike, many structures may be involved simultaneously, quickly exceeding the capability of even the best equipped fire departments.

The following recommendations were developed by the Emanuel County CWPP Core team as a result of surveying and assessing fuels and structures and by conducting meetings and interviews with county and city officials. A priority order was determined based on which mitigation projects would best reduce the hazard of wildfire in the assessment area.

Proposed Community Hazard and Structural Ignitability Reduction Priorities

Primary Protection for Community and Its Essential Infrastructure		
Treatment Area	Treatment Types	Treatment Method(s)
1. All Structures	Create minimum of 30-feet of defensible space**	Trim shrubs and vines to 30 feet from structures, trim overhanging limbs, replace flammable plants near homes with less flammable varieties, remove vegetation around chimneys.
2. Applicable Structures	Reduce structural ignitability**	Clean flammable vegetative material from roofs and gutters, store firewood appropriately, install skirting around raised structures, store water hoses for ready access, and replace pine straw and mulch around plantings with less flammable landscaping materials.
3. Location of occupied dwellings	Mapping & GIS	Work with other agencies to map exiting homes within Emanuel County, Tax assessor, bldg permits, untilities.
4. Driveway Access	Right of Way Clearance	Maintain vertical and horizontal clearance for emergency equipment. See that adequate lengths of culverts are installed to allow emergency vehicle access.
5. Road Access	Identify needed road improvements	As roads are upgraded, widen to minimum standards with at least 50 foot diameter cul de sacs or turn arounds. Particular attention needs to be paid to housing authority properties to add emergency access.
6. Codes and Ordinances	Examine existing codes and ordinances. International Wildland Urban Interface Code (IWUIC) adopted for use by Georgia Counties in 2014.	Amend and enforce existing building codes as they relate to skirting, propane tank locations, public nuisances (trash/debris on property), Property address marking standards and other relevant concerns Review the need for subdivision and development ordinances for public safety concerns. Enforce uniform addressing ordinance.
7. Law Enforcement	Traffic control	Work with local law enforcement to better control non- essential traffic during fire emergencies.

Proposed Community Wildland Fuel Reduction Priorities		
Treatment Area	Treatment Types	Treatment Method(s)
1. Adjacent WUI Lands	Reduce hazardous fuels	Encourage prescribed burning for private landowners and industrial timberlands particularly adjacent to residential areas. Seek grant for mowing or prescribed burning in WUI areas.
2. Existing Fire Lines	Reduce hazardous fuels	Clean and re-harrow existing lines.
Proposed Improved Community Wildland Fire Response Priorities		
1. Water Sources	Dry Hydrants & Dip Sites	Inspect, maintain and improve access to existing dry hydrants. Add signage along road to mark the hydrants. Locate additional dry hydrants as needed. Need improved drafting equipment and turbo draft pumps and hose. GFC to locate and pre-clear additional helicopter dip sites for fire emergencies.
2. Fire Stations	Equipment	Wildland hand tools. Lightweight Wildland PPE Gear.
3. Water Handling	Tankers	Investigate need for tankers for rural stations.
4. Road Names	Road Signage	Improved Road Signage at Crossroads. "Dead End" or "No Outlet" Tags on Road Signs
5. Personnel	Training	Obtain Wildland Fire Suppression training for Fire Personnel. Ready Set Go training.
**Actions to be taken by homeowners and community stakeholders		

Proposed Education and Outreach Priorities

1. Conduct "How to Have a Firewise Home" Workshop for Emanuel County Residents
Set up and conduct a workshop for homeowners that teach the principles of making homes and properties safe from wildfire. Topics for discussion include defensible space, landscaping, building construction, etc. Workshop will be scheduled for evenings or weekends when most homeowners are available and advertised through local media outlets. Target local schools, community groups and local senior centers. Distribute materials promoting firewise practices and planning through local community and governmental meetings.
2. Conduct "Firewise" Workshop for Community Leaders
Arrange for GFC Firewise program to work with local community leaders and governmental officials on the importance of "Firewise Planning" in developing ordinances and codes as the county as the need arises. Identify "Communities at Risk" within the county for possible firewise community recognition. Encourage participation by communites, subdivisions, and developments to become recognized as a Firewise Community by meeting the standards: • Completed Risk Assessment by a fire agency • Develop an action plan • Annual Community Firewise educational or mitigation day • Spend volunteer time reducing wildfire risk
3. Spring Clean-up Event
Conduct clean-up event every spring involving the Georgia Forestry Commission, Emanuel County Fire Departments and community residents. The National Fire Protection Association (NFPA) started the National Wildfire Prevention Day and it is held each year on the 1st Saturday of May. This is an excellent time for communities to recognize this day by planning a local event. State Farm Insurance Company also offers $500 grant opportunities for communities that participate. Set up information table with educational materials and refreshments. Initiate the event with a morning briefing by GFC Firewise coordinator and local fire officials detailing plans for the day and safety precautions. Activities to include the following: • Clean flammable vegetative material from roofs and gutters • Trim shrubs and vines to 30 feet away from structures • Trim overhanging limbs • Clean hazardous or flammable debris from adjacent properties Celebrate the work with a community cookout, with Community officials, GFC and Emanuel County Fire Departments discussing and commending the work accomplished.

4. Informational Packets
Develop and distribute informational packets to be distributed by building permit office, realtors and insurance agents. Included in the packets are the following: • Be Firewise Around Your Home • Firewise Guide to Landscape and Construction • Firewise Communities USA brochures and materials • Ready Set Go materials • Fire Adapted Community information
5. Wildfire Protection Display
Create and exhibit a display for the general public at local events as the Pine Tree Festival. Display can be independent or combined with the Georgia Forestry Commission display. Hold Open House at individual Fire Stations to promote Community Firewise Safety and develop community support and understanding of local fire departments and current issues.
6. Media
Invite the local news media to community "Firewise" functions for news coverage and regularly submit press releases documenting wildfire risk improvements in Emanuel County. Utilize local radio stations and social media to reach new audiences.

Prescribed burning is a best management practice to reduce hazardous fuel buildup. The Georgia Forestry Commission can assist by developing a prescribed burning plan, installation of firebreaks, and can provide equipment standby and burning assistance when personnel are available.

VII. ACTION PLAN

Roles and Responsibilities

The following roles and responsibilities have been developed to implement the action plan:

Role	Responsibility
Hazardous Fuels and Structural Ignitability Reduction	
Emanuel County WUI Fire Council	Create this informal team or council comprised of residents, GFC officials, Emanuel County Fire Department officials, a representative from the city and county governments along with the county EMA Director. Meet periodically to review progress towards mitigation goals, appoint and delegate special activities, work with federal, state, and local officials to assess progress and develop future goals and action plans. Work with residents to implement projects and firewise activities.
Key Messages to focus on	1 Defensible Space and Firewise Landscaping 2 Debris Burning Safety 3 Firewise information for homeowners 4 Prescribed burning benefits
Communications objectives	1 Create public awareness for fire danger and defensible space issues 2 Identify most significant human cause fire issues 3 Enlist public support to help prevent these causes 4 Encourage people to employ fire prevention and defensible spaces in their communities.
Target Audiences	1 Homeowners 2 Forest Landowners and users 3 Civic Groups 4 School Groups
Methods	1 News Releases 2 Radio, TV, social media 3 Personal Contacts 4 Key messages and prevention tips 5 Visuals such as signs, brochures and posters

Spring Clean-up Day (National Wildfire Preparedness Day 1st Saturday in May)	
Event Coordinator	Coordinate day's events and schedule, catering for cookout, guest attendance, and moderate activities the day of the day of the event.
Event Treasurer	Collect funds from residents to cover food, equipment rentals, and supplies.
Publicity Coordinator	Advertise event through neighborhood newsletter, letters to officials, and public service announcements (PSAs) for local media outlets. Publicize post-event through local paper and radio PSAs.
Work Supervisor	Develop volunteer labor force of community residents; develop labor/advisory force from Georgia Forestry Commission, Emanuel County Fire Departments and Emergency Management Agency. Procure needed equipment and supplies. In cooperation with local city and county officials, develop safety protocol. Supervise work and monitor activities for safety the day of the event.

Funding Needs

The following funding is needed to implement the action plan:

Project	Estimated Cost	Potential Funding Source(s)
1. Create a minimum of 30 feet of defensible space around structures	Varies	Residents will supply labor and fund required work on their own properties.
2. Reduce structural ignitability by cleaning flammable vegetation from roofs and gutters; appropriately storing firewood, installing skirting around raised structures, storing water hoses for ready access, replacing pine needles and mulch around plantings with less flammable material.	Varies	Residents will supply labor and fund required work on their own properties.
3. Amend codes and ordinances to provide better driveway access, increased visibility of house numbers, properly stored firewood, minimum defensible space brush clearance, required Class A roofing materials and skirting around raised structures, planned maintenance of community lots.	No Cost	To be adopted by city and county governments.
4. Spring Cleanup Day	Varies	Community Business Donations.
5. Fuel Reduction Activities	$35/acre	FEMA & USFS Grants

Assessment Strategy

To accurately assess progress and effectiveness for the action plan, the Emanuel County WUI Fire Council will implement the following:

- Annual wildfire risk assessment will be conducted to re-assess wildfire hazards and prioritize needed actions.
- Mitigation efforts that are recurring (such as mowing, burning, and clearing of defensible space) will be incorporated into an annual renewal of the original action plan.
- Mitigation efforts that could not be funded in the requested year will be incorporated into the annual renewal of the original action plan.
- Continuing educational and outreach programs will be conducted and assessed for effectiveness. Workshops will be evaluated based on attendance and post surveys that are distributed by mail 1 month and 6 months following workshop date.
- The Emanuel County WUI Council will publish an annual report detailing mitigation projects initiated and completed, progress for ongoing actions, funds received, funds spent, and in-kind services utilized. The report will include a "state of the community" section that critically evaluates mitigation progress and identifies areas for improvement. Recommendations will be incorporated into the annual renewal of the action plan.
- An annual survey will be distributed to residents soliciting information on individual mitigation efforts on their own property (e.g., defensible space). Responses will be tallied and reviewed at the next Emanuel County WUI Council meeting. Needed actions will be discussed and delegated.

This plan should become a working document that is shared by local, state, and federal agencies that will use it to accomplish common goals. An agreed-upon schedule for meeting to review accomplishments, solve problems, and plan for the future should extend beyond the scope of this plan. Without this follow up this plan will have limited value

VIII. MITIGATION ASSISTANCE & GRANT FUNDING

Community Protection Grant: US Forest Service sponsored prescribed fire program. Communities with "at-risk" properties that lie within ten miles of a National Forest, National Park Service or Bureau of Land Management tracts may apply with the Georgia Forestry Commission to have their land prescribe burned free-of-charge. Forest mastication, where it is practical with Georgia Forestry Commission equipment, is also available under this grant program.

FEMA Mitigation Policy MRR-2-08-01: through GEMA – Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation Program (PDM).

1. To provide technical and financial assistance to local governments to assist in the implementation of long term, cost effective hazard mitigation accomplishments.

2. This policy addresses wildfire mitigation for the purpose of reducing the threat to all-risk structures through creating defensible space, structural protection through the application of ignition resistant construction and limited hazardous fuel reduction to protect life and property.

3. With a completed registered plan (addendum to the State Plan) counties can apply for pre-mitigation funding. They will also be eligible for HMGP funding if the county is declared under a wildfire disaster.

Georgia Forestry Commission: Plowing and prescribed burning assistance, as well as forest mastication, can be obtained from the GFC as a low-cost option for mitigation efforts.

The Georgia Forestry Commission Firewise Community Mitigation Assistance Grants – Nationally recognized Firewise Communities can receive up to $5000 grants to help address potential wildfire risk reduction projects. Grant submission can be made through local Georgia Forestry Commission offices or your Regional Wildfire Prevention Specialist.

The International Association of Fire Chiefs (IAFC) and American International Group, Inc. (AIG) offer grants to assist local fire departments in establishing or enhancing their community fuels mitigation programs while educating members of the community about community wildfire readiness and encouraging personal action.

IX. GLOSSARY

Community-At-Risk – *A group of two or more structures whose proximity to forested or wildland areas places homes and residents at some degree of risk.*

Critical Facilities – *Buildings, structures or other parts of the community infrastructure that require special protection from an approaching wildfire.*

CWPP – *The Community Wildfire Protection Plan.*

Defensible Space – *The immediate landscaped area around a structure (usually a minimum of 30 ft.) kept "lean, clean and green" to prevent an approaching wildfire from igniting the structure.*

Dry Hydrant - *A non-pressurized pipe system permanently installed in existing lakes, ponds and streams that provides a suction supply of water to a fire department tank truck.*

FEMA – *The Federal Emergency Management Agency whose mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.*

Fire Adapted Community – *A community fully prepared for its wildfire risk by taking actions to address safety, homes, neighborhoods, businesses and infrastructure, forest, parks, open spaces, and other community assets.*

Firewise Program – *A national initiative with a purpose to reduce structural losses from wildland fires.*

Firewise Community/USA – *A national recognition program for communities that take action to protect themselves from wildland fire. To qualify a community must have a wildfire risk assessment by the Georgia Forestry Commission, develop a mitigation action plan, have an annual firewise mitigation/education event, have dedicated firewise leadership, and complete the certification application.*

Fuels – *All combustible materials within the wildland/urban interface or intermix including, but not limited to, vegetation and structures.*

Fuel Modification – *Any manipulation or removal of fuels to reduce the likelihood of ignition or the resistance to fire control.*

Hazard & Wildfire Risk Assessment – *An evaluation to determine an area's (community's) potential to be impacted by an approaching wildland fire.*

Healthy Forests Initiative - *Launched in August 2002 by President Bush (following passage of the Healthy Forests Restoration Act by Congress) with the intent to reduce the risks severe wildfires pose to people, communities, and the environment.*

Home Ignition Zone (Structure Ignition Zone) - *Treatment area for wildfire protection. The "zone" includes the structure(s) and their immediate surroundings from 0-200 ft.*
Mitigation – An a*ction that moderates the severity of a fire hazard or risk.*

National Fire Plan - *National initiative, passed by Congress in the year 2000, following a landmark wildland fire season, with the intent of actively responding to severe wildland fires and their impacts to communities while ensuring sufficient firefighting capacity for the future.*

National Fire Protection Association (NFPA) - *An international nonprofit organization established in 1896, whose mission is to reduce the worldwide burden of fire and other hazards on the quality of life by providing and advocating consensus codes and standards, research, training, and education.*

National Wildfire Preparedness Day – *Started in 2014 by the National Fire Protection Association as a day for communities to work together to prepare for the approaching wildfire season. It is held annually on the first Saturday in May.*

Prescribed Burning (prescribed fire) –*The use of planned fire that is deliberately set under specific fuel and weather condition to accomplish a variety of management objectives and is under control until it burns out or is extinguished.*

Ready, Set, Go - *A program fire services use to help homeowners understand wildfire preparedness, awareness, and planning procedures for evacuation.*

Southern Group of State Foresters – *Organization whose members are the agency heads of the forestry agencies of the 13 southern states, Puerto Rico and the Virgin Islands.*

Stakeholders– *Individuals, groups, organizations, businesses or others who have an interest in wildland fire protection and may wish to review and/or contribute to the CWPP content.*

Wildfire or Wildland Fire – *An unplanned and uncontrolled fire spreading through vegetative fuels.*

Wildland/Urban Interface - *The presence of structures in locations in which the authority having jurisdiction (AHJ) determines that topographical features, vegetation, fuel types, local weather conditions and prevailing winds result in the potential for ignition of the structures within the area from flames and firebrands from a wildland fire* (NFPA 1144, 2008).

X. SOURCES OF INFORMATION

Publications/Brochures/Websites:

- FIREWISE materials can be ordered at www.firewise.org
- Georgia Forestry Commission www.georgiafirewise.org
- Examples of successful wildfire mitigation programs can be viewed at the website for National Database of State and Local wildfire Hazard Mitigation Programs sponsored by the U.S. Forest Service and the Southern Group of State Foresters www.wildfireprograms.com
- Information about a variety of interface issues (including wildfire) can be found at the USFS website for Interface South: www.interfacesouth.org
- Information on codes and standards for emergency services including wildfire can be found at www.nfpa.org
- Information on FEMA Assistance to Firefighters Grants (AFG) can be found at www.firegrantsupport.com
- Information on National Fire Plan grants can be found at http://www.federalgrantswire.com/national-fire-plan--rural-fire-assistance.html
- Southern Wildfire Risk Assessment website SouthWRAP_ www.SouthernWildfireRisk.com
- Fire Adapted Communities www.fireadapted.org
- Ready, Set, Go www.wildlandfirersg.org
- National Wildfire Preparedness Day www.wildfireprepday.org

Appended Documents:

Emanuel County Southern Wildfire Risk Assessment Summary Report (SWRA)
Emanuel County Wildfire assessment scoresheets

All files that make up this plan are available in an electronic format from the Georgia ForestryCommission.

GEORGIA FORESTRY
COMMISSION

Georgia Forestry Commission
5645 Riggins Mill Rd.
Dry Branch, GA 31020
1-800-GA-TREES
GaTrees.org

The Georgia Forestry Commission provides leadership, service, and education in the protection and conservation of Georgia's forest resources.

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APPENDIX D

Section I

GEMA Worksheet #1 Identify the Hazard Step 1

Date: What kinds of natural hazards can affect you?

Task A. List the hazards that may occur.

1. *Research newspapers and other historical records*
2. *Review existing plans and reports.*
3. *Talk to the experts in your community, state, or region.*
4. *Gather information on Internet Websites.*
5. *Next to the hazard list below, put a check mark in the Task A boxes beside all hazards that may occur in your community or state.*

Task B. Focus on the most prevalent hazard in your community or state.

1. *Go to hazard Websites.*
2. *Locate your community or state on the Wesbite map.*
3. *Determine whether you are in a high-risk area. Get more localized information if necessary.*
4. *Next to the hazard list below, put a check mark in the Task B boxes beside all hazards that post a significant threat.*

	Task A	Task B
Avalanche	___	___
Costal Erosion	___	___
Costal Storm	___	___
Dam Failure	___	___
Drought	___	___
Earthquake	___	___
Expansive Soils	___	___
Extreme Heat	___	___
Flood	___	___
Hailstorm	___	___
Hurricane	___	___
Land Slide	___	___
Severe Winter Storm	___	___
Tornado	___	___
Tsunami	___	___
Volcano	___	___
Wildfire	___	___
Windstorm	___	___
Hazard Material	___	___
Radiological	___	___
Other_____	___	___
Other_____	___	___
Other_____	___	___

*Note: **Bolded** hazards are addressed in this How-to Guide.*

Use this space to record information you find for each of the hazards you will be researching. Attach additional pages as necessary.

Hazard or Event Description (Type of hazard, date of event, number of injuries, cost and types of damage, etc.)	**Source of Information**	**Map Available for this Hazard?**	**Scale of Map**

GEMA Worksheet #2 Profile Hazard Events Step 2

County: Date:

How Bad Can It Get?

Task A. Obtain or create a base map.

GEMA will be providing you with a base map, USGS topos and DOQQ as part of our deliverables to local government for the planning process. Additionally, we will be providing you with detailed hazard layer coverages. These data layers originate from state or nationwide coverage or datasets. Therefore, it is important for local government to assess what you already have at the local level. It is important for you at the local level to have an idea of what existing maps you have available for the planning process. Some important things to think about:

1) What maps do we already have in the county that would be relevant to the planning process?
2) Have other local plans used maps or mapping technology where there is specific data that is also needed in my local plan?
3) What digital maps do we have?
4) Do we have any Geographic Information System (GIS) data, map themes or layers or databases here at the local level (or regional) that we can use?
5) If we do have any GIS data, where is it located at, and who is our local expert?
6) Are there any ongoing GIS or mapping initiatives at the local level in other planning or mapping efforts? If so, what are they, and what are the timetables for completion?
7) Are there mapping needs that have been identified at the local level in the past? If so, what are they and when were they identified?
8) Of the existing maps, GIS data and other digital mapping information, what confidence do we have at the local level that it is accurate data?

Please answer the above questions on a separate sheet of paper and attach to this worksheet.
It is important to realize that those counties that already have GIS and digital mapping, (ie: parcel level data, GPS fire hydrants, etc) higher levels of spatial accuracy and detail will exist for some data layers at the local level. However, for this planning process, that level of detail will not be needed on all layers in the overall mapping and analysis.

You can use existing maps from:

- Road Maps
- USGS topographic maps or Digital Orthophoto Quarter Quads (DOQQ)
- Topographic and/or planimetric maps from other agencies
- Aerial topographic and/or planimetric maps
- Field Surveys
- GIS software
- CADD software
- Digitized paper map

Title of Map	Scale	Date

Task B. Obtain a hazard event profile.	Task C. Record your hazard event profile information.
Avalanche	
Coastal Storm / Coastal Erosion 1. Get a copy of your FIRM. _____ 2. Verify that the FIRM is up-to-date and complete. _____ 3. Determine the annual rate of coastal erosion. _____ 4. Find your design wind speed. _____	1. Transfer the boundaries of your coastal storm hazard areas onto your base map. 2. Transfer the BFEs onto your base map. 3. Record the erosion rates on your base map: _____ 4. Record the design wind speed here and on your base map: _____
Dam Failure	
Drought	
Earthquake 1. Go to the http://geohazards.cr.usgs.gov Website. 2. Locate your planning area on the map. 3. Determine your PGA.	1. Record your PGA: _____ 2. If you have more than one PGA print, download or order your PGA map.
Expansive Soils	
Extreme Heat	
Flood 1. Get a copy of your FIRM. _____ 2. Verify the FIRM is up-to-date and complete. _____	1. Transfer the boundaries from your firm onto your base map (floodway, 100-yr flood, 500-yr flood). 2. Transfer the BFEs onto your base map.
Hailstorm	
Hurricane	
Land Subsidence	
Landslide 1. Map location of previous landslides. _____ 2. Map the topography. _____ 3. Map the geology. _____ 4. Identify thee high-hazard areas on your map. _____	1. Mark the areas susceptible to landslides onto your base map.
Severe Winter Storm	
Tornado 1. Find your design wind speed. _____	1. Record your design wind speed: _____ 2. If you have more than one design wind speed, print, download or copy your design wind speed zones, copy the boundary of your design wind speed zones on your base map, then record the design wind speed zones on your base map.
Tsunami	
Wildfire 1. Map the fuel models located within the urban-wildland interface areas. _____ 2. Map the topography. _____ 3. Determine your critical fire weather frequency. _____ 4. Determine your fire hazard severity. _____	1. Draw the boundaries of your wildfire hazard areas onto your base map.
Other 1. Map the hazard. _____	1. Record hazard event info on your base map.

GEMA Worksheet #3a Inventory of Assets

Jurisdiction: _____

Hazard: _____

Task A. Determine the proportion of buildings, the value of buildings, and the population in your community or state that are located in hazard areas.

	Number of Structures			Value of Structures			Number of People		
Type of Structure (Occupancy Class)	# in Community of State	# in Hazard Area	% in Hazard Area	$ in Community or State	$ in Hazard Area	% in Hazard Area	# in Community or State	# in Hazard Area	% in Hazard Area
Residential	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Commercial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Industrial	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Agricultural	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Religious/ Non-profit	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Government	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Education	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Utilities	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!
Total	0	0	#DIV/0!	0	#DIV/0!	#DIV/0!	0	#DIV/0!	#DIV/0!

Task B. Determine whether (and where) you want to collect additional inventory data.

Y N

1. Do you know where the greatest damages may occur in your area?

2. Do you know whether your critical facilities will be operational after a hazard event?

3. Is there enough data to determine which assets are subject to the greatest potential damages?

4. Is there enough data to determine whether significant elements of the community are vulnerable to potential hazards?

5. Is there enough data to determine whether certain areas of historic, environmental, political, or cultural significance are vulnerable to potential hazards?

6. Is there concern about a particular hazard because of its severity, repetitiveness, or likelihood of occurrence?

7. Is additional data needed to justify the expenditure of community or state funds for mitigation initiatives?

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal: _____

Objective: _____

STAPLEE Criteria	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws

Alternative Actions	Comments

Section II

COUNTY EMANUEL
HAZARD FREQUENCY TABLE

Hazard	Number of Events in Historic Record	Number of Years in Historic Record	Number of Events in Past 10 Years	Number of Events in Past 20 Years	Number of Events in Past 50 Years	Historic Recurrence Interval (years)	Historic Frequency % chance/year	Past 10 Year Record Frequency Per Year	Past 20 Year Record Frequency Per Year	Past 50 Year Record Frequency Per Year
Tropical Storm	14	70	5	14	14	5.00	20.00%	0.5	0.7	0.28
Hurricane Wind	2	70	0	2	2	35.00	2.86%	0	0.1	0.04
Flood	7	70	3	7	7	10.00	10.00%	0.3	0.35	0.14
Wildfire	862	10	862	862	862	0.01	8620.00%	86.2	43.1	17.24
Tornado	11	70	1	6	9	6.36	15.71%	0.1	0.3	0.18
Thunderstorm Wind	96	70	31	60	95	0.73	137.14%	3.1	3	1.9
Hail	48	70	11	28	48	1.46	68.57%	1.1	1.4	0.96
Drought	25	70	3	21	25	2.80	35.71%	0.3	1.05	0.5
Extreme Heat	11	70	2	9	11	6.36	15.71%	0.2	0.45	0.22
Winter Weather	9	70	5	9	9	7.78	12.86%	0.5	0.45	0.18
HazMat Release	11	70	4	7	11	6.36	15.71%	0.4	0.35	0.22
Dam Failure	1	70	1	1	1	70.00	1.43%	0.1	0.05	0.02

NOTE: The historic frequency of a hazard event over a given period of time determines the historic recurrence interval. For example: If there have been 20 HazMat Releases in the County in the past 5 years, statistically you could expect that there will be 4 releases a year.

Realize that from a statistical standpoint, there are several variables to consider. 1) Accurate hazard history data and collection are crucial to an accurate recurrence interval and frequency. 2) Data collection and accuarcy has been much better in the past 10-20 years (NCDC weather records). 3) It is important to include all significant recorded hazard events which will include periodic updates to this table.

By updating and reviewing this table over time, it may be possible to see if certain types of hazard events are increasing in the past 10-20 years.

Section III

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 1: Reduce damage caused by severe storms and high winds that result thunderstorms/windstorms in Emanuel County.
Objective: Protect life, health, and property of residents from high winds resulting from thunderstorms/windstorms.

STAPLEE Criteria	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 1.1	+	+	-	+	+	-	+	+	+	+	+	+	+	+	-	-	+	+	+	+	+	+	+
Action 1.2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 1.3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 1.4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 2: Reduce damage caused by high winds that occur during tropical storms/hurricanes in Emanuel County.
Objective: Protect life, health, and property of residents from high winds tropical storms/hurricanes.

STAPLEE Criteria	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 2.1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 2.2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 2.3	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 3: Reduce damage caused by severe storms and high winds from tornadoes in Emanuel County.
Objective 3.1: Protect life, health, and property of residents from force of tornadoes.
Objective 3.2: Ensure uninterrupted power supply for continuity of services during a tornado event.

STAPLEE Criteria	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 3.1	+	+	+	+	+	+	,	+	+	+	+	+	+	+	+	,	+	,	+	+	+	+	+
Action 3.2	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+
Action 3.3	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 4: Reduce damage resulting from ice, sleet, and snow during severe winter weather events in Emanuel County.
Objective 4.1: Protect life, health, and property of residents from the elements of severe winter storms.
Objective 4.2: Ensure uninterrupted power supply for continuity of services during a winter storm event.

Considerations → for Alternative Actions ↓		Action 4.1	Action 4.2	Action 4.3	Action 4.4	Action 4.5	
Community Acceptance	(Social)	+	+	+	+	+	
Effect on Segment of Population		+	+	+	+	+	
Technical Feasibility	(Technical)	+	+	+	+	+	
Long-term Solution		+	+	+	+	+	
Secondary Impacts		+	+	+	+	+	
Staffing	(Administrative)	+	+	+	+	+	
Funding Allocated		+	+	-	-	-	
Maintenance / Operations		+	+	+	+	+	
Political Support	(Political)	+	+	+	+	+	
Local Champion		+	+	+	+	+	
Public Support		+	+	+	+	+	
State Authority	(Legal)	+	+	+	+	+	
Existing Local Authority		+	+	+	+	+	
Potential Legal Challenge		+	+	+	+	+	
Benefit of Action	(Economic)	+	+	+	+	+	
Cost of Action		+	+	-	-	-	
Contributes to Economic Goals		+	+	+	+	+	
Outside Funding Required		+	+	+	+	+	
Effect on Land / Water	(Environmental)	+	+	+	+	+	
Effect on Endangered Species		+	+	+	+	+	
Effect on HAZMAT / Waste Sites		+	+	+	+	+	
Consistent with Community Environmental Goals		+	+	+	+	+	
Consistent With Federal Laws		+	+	+	+	+	

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 5: Prevent damage caused by wildfire in Emanuel County.
Objective 5.1: Prevent destruction of forests and structures.
Objective 5.2: Reduce threat of wildfire occurrence during periods of drought.
Objective 5.3: Protect life and health of residents from threat of wildfires.

STAPLEE Criteria	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 5.1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 5.2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 5.3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 6: Minimize the impact of excessive heat on citizens of Emanuel County.
Objective 6.1: Ensure the citizens of Emanuel County are warned of conditions of excessive heat.

STAPLEE Criteria	S (Social)		T (Technical)			A (Administrative)			P (Political)			L (Legal)			E (Economic)				E (Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 6.1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 6.2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 6.3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 6.4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 7: Reduce the economic impact of drought in Emanuel County.
Objective 7.1: Minimize the economic impact of drought.

STAPLEE Criteria	(Social)		(Technical)			(Administrative)			(Political)			(Legal)			(Economic)				(Environmental)				
Considerations → for Alternative Actions ↓	Community Acceptance	Effect on Segment of Population	Technical Feasibility	Long-term Solution	Secondary Impacts	Staffing	Funding Allocated	Maintenance / Operations	Political Support	Local Champion	Public Support	State Authority	Existing Local Authority	Potential Legal Challenge	Benefit of Action	Cost of Action	Contributes to Economic Goals	Outside Funding Required	Effect on Land / Water	Effect on Endangered Species	Effect on HAZMAT / Waste Sites	Consistent with Community Environmental Goals	Consistent With Federal Laws
Action 7.1	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 7.2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 7.3	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 7.4	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

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When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 8: Reduce flood damage and dam failure in Emanuel County.
Objective 8.1: Minimize losses to existing and future structures, especially critical facilities, due to flooding/dam failure.
Objective 8.2: Ensure uninterrupted power supply for continuity of services during a flooding/dam failure event.

Action 8.6	-	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+
Action 8.7	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 8.8	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+
Action 8.9	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Action 8.10	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+
Action 8.11	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+
Action 8.12	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+
Action 8.13	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 9: Reduce damage caused by hazardous materials release incidents in Emanuel County.
Objective 9.1: Protect life, health, and property of residents from damages caused by hazardous materials incident.

| | | |

Worksheet #4 Evaluate Alternative Mitigation Actions

1. Fill in the goal and its corresponding objective. Use a separate worksheet for each objective. The considerations under each criterion are suggested ones to use; you can revise these to reflect your own considerations (see Table 2-1).

2. Fill in the alternative actions that address the specific objectives the planning team identified in Worksheet #1.

*3. **Scoring:** For each consideration, indicate a plus (+) for favorable, and a negative (-) for less favorable.*

When you complete the scoring; negatives will indicate gaps or shortcomings in the particular action, which can be noted in the Comments section. For considerations that do not apply, fill in N/A for not applicable. Only leave a blank if you do not know an answer. In this case, make a note in the Comments section of the "expert" or source to consult to help you evaluate the criterion.

Goal 10: Reduce damage caused by ice during hailstorms in Emanuel County.
Objective 10.1: Protect life, health, and property of residents from damage and high winds from hail.

	Considerations → for Alternative Actions ↓	Action 10.1	Action 10.2	Action 10.3			
(Social)	Community Acceptance	+	+	+			
	Effect on Segment of Population	+	+	+			
(Technical)	Technical Feasibility	+	+	+			
	Long-term Solution	+	+	+			
	Secondary Impacts	+	+	+			
(Administrative)	Staffing	+	+	+			
	Funding Allocated	+	+	+			
	Maintenance / Operations	+	+	+			
(Political)	Political Support	+	+	+			
	Local Champion	+	+	+			
	Public Support	+	+	+			
(Legal)	State Authority	+	+	+			
	Existing Local Authority	+	+	+			
	Potential Legal Challenge	+	+	+			
(Economic)	Benefit of Action	+	+	+			
	Cost of Action	+	+	+			
	Contributes to Economic Goals	+	+	+			
	Outside Funding Required	+	+	+			
(Environmental)	Effect on Land / Water	+	+	+			
	Effect on Endangered Species	+	+	+			
	Effect on HAZMAT / Waste Sites	+	+	+			
	Consistent with Community Environmental Goals	+	+	+			
	Consistent With Federal Laws	+	+	+			

APPENDIX E

I. Meeting Sign-In Sheets

PRE-DISASTER HAZARD MITIGATION KICKOFF MEETING

COUNTY: EMANUEL **DATE:** 05/09/2019

Name	Organization	Phone	Email
Martha Culbreth	Emanuel County EMA	[redacted]	
Walter Lowman	Mayor of Garfield		
William Carlile	Garfield City Council		
Foster Grimes	Twin City Fire Dept		
Phillip Easterling	Southeastern Tech		
Michelle Kimberly	City of Nunez		
John Allen Bailey	BOE		
Stuart Bowen	BOC		
Anthony Bennett	BOC		
Justin Morris	Emanuel Co		
Seth Brewer	Emanuel Co		
Darryl Grey	Emanuel Co		
TONY MANGIERI	SWAINSBORO EMANUEL PARKS/REC		
Kevin A Judy	Emanuel Co BOE		
Rocky Davis	Emanuel Co Sheriff's Ofc		
Ronald Wiggins	Magistrate Judge		
Dawn Braddy	Magistrate Court		
Kristin Hall	Clerk of Court		
~~John Allen Bailey~~			
KEN WARNOCK	CHAMBER OF COMMERCE		

PRE-DISASTER HAZARD MITIGATION KICKOFF MEETING

COUNTY: EMANUEL DATE: 05/09/2019

Name	Organization	Phone	Email
Lenora Robertson	Emanuel Co. 911	[redacted]	
Charles Schwabe	City of Swainsboro		
Mack Sechinger	EGSC		
David Stephens	EGSC		
Gail Ware	STC (PT)		
Ann Buxton	Franklin Memorial Library		
Courtney Terwilliger	Emanuel Medical Emer.		
Michael Strobridge	Swainsboro Fire		
Brad Kirby	ECBOC		
Guy Singletary	ECBOC		
Hugh Foskey	ECBOC		
James Canady	ECBOC		
Jim Sherrod	ECBOC		
~~Preston Grimes~~	~~Twin Cities Fire Dept~~		
Jennifer Harrison	Emanuel Co. Health Dept.		
Erma Jenkins	Emanuel Medical Center		
Shelby Meyers	GEMA/HS		
Don Wilkes	Em Co Probate Ct		
JAMES R CANADY	E. Co. Comm		

PRE-DISASTER HAZARD MITIGATION 1st FORMAL MEETING

COUNTY: EMANUEL DATE: 07/18/2019

Name	Organization	Phone	Email
Lenora Roberts	911	[redacted]	
Foster Grimes	Twin City Fire Dept		
Martha Culbreth	Emanuel EMA		
Jim Sherrod	Commissioner		
Jesse Yawn	Adrian Fire		
Thida Delgado	Adrian Fire		
Jerry Lawson	Swainsboro-Emanuel Recreation		
Mack Seckinger	East GA State College PD		
John Wagner	Radio Jones-WXRS		
[illegible]	Mayor & Council		
Sue Bragg	Swainsboro City Coun. Ward 1		
Michael Strobridge	Swainsboro F.D.		
KEN GARNOCK	CHAMSEA		
Doug Claxton	GA Forestry		
S. Carson Jones	GFC Emanuel Co. EMS		
Courtney Terwilliger	Emanuel Medical Center		
James R. Cannady	Em. Co. Comm		
Hugh Foskey	Em Co Comm		

PRE-DISASTER HAZARD MITIGATION 1st FORMAL MEETING

COUNTY: EMANUEL DATE: 07/18/2019

Name	Organization	Phone	Email
Kim Adams	City of Adrian	[redacted]	
Matt Donaldson	City of Twin City		
Gilleen Dudley	City of Twin City		
Phil Everett	Southeastern Tech.		
L.G. Singletary	Emanuel Co.		

PRE-DISASTER HAZARD MITIGATION 2ND FORMAL MEETING

COUNTY: EMANUEL DATE: 08/27/2019

Name	Organization	Phone	Email
Martha Culbreth	Emanuel EMA	[redacted]	
Joshua Pennington	Adrian DP		
Stacey Scarboro	Em. Co. Bd of Comm		
Guy Singletary	Em. Co. Bd of Comm		
Jesse E. Thomas	Adrian Fire		
Justin Morris	Emanuel Co.		
Stephen Mincey	Stillmore P.D.		
Sue Bragg	Swainsboro City Coun.		
Seth Brewer	Emanuel Co. Public Works		
Amber Fagler	Eman. Co. Health Dept		
Charlotte L Wood	Swainsboro Dialysis		
Sandra Wright	Tax Commissioner		
Kerry Curry	Elections Office		
Mack Seahington	East GA State Coll		
David Stephens	East Ga. State College		
Dawn Braddy	Emanuel Magistrate		
Ronald Wiggins	Emanuel Magistrate		
James Carnady	Emanuel BOC		
Anthony Bennett	Emanuel BOC		
Brady Kirby	Emanuel BOC		

PRE-DISASTER HAZARD MITIGATION 2ND FORMAL MEETING

COUNTY: EMANUEL DATE: 08/27/2019

Name	Organization	Phone	Email
Stuart Bowen	Emanuel BOC	[redacted]	
Michael Strobridge	Swainsboro Fire		
Doug Claxton	GFC		
Philip Easterling	Swainsboro TECH		
Carson Jones	GFC		
Kim Adams	City of Adrian		

PRE-DISASTER HAZARD MITIGATION 3RD FORMAL MEETING

COUNTY: EMANUEL DATE: 10/10/2019

Name	Organization	Phone	Email
Martha Culbreth	Emanuel EMA	[redacted]	
Michael Strobridge	Swainsboro Fire		
Lenora Robertson	Emanuel 911		
Stuart Bowen	Emanuel BOC		
Stacey Scarboro	EmCo BOC		
Foster Grimes	Twin City Fire		
Rhonda Turner	Stillmore City of		
Anthony BENNETT	EMCO BOC ROADS		
Theda Delgado	adrian fire		
Jesse YAWN	Adrian Fire		
Stephanie R. Dean	Adrian City Hall		
TONY MANGIERI	S-E PARKS/RECREATION		
Seth Brewer	Public Works		
Sandra Wright	Tax Commissioner		
Constance Hughes	City of Twin City		
Jim Sherrod	Board of Comm.		
Don Wilkes	Probate Court		
Phillip Easterling	Southeastern Tech.		

PRE-DISASTER HAZARD MITIGATION 4TH FORMAL MEETING

COUNTY: EMANUEL **DATE:** 12/04/2019

Name	Organization	Phone	Email
Mack Seckinger	East GA State College PD	[redacted]	
Daryl Gray	Em Co Tax Assessor		
Kerry K. Curry	Em Co Elections		
S. Carson Jones	Georgia Forestry		
Lenora Robertson	Emanuel 911		
Seth Brewer	Public Works		
Stephen Mincey	Stillmore Police Dept		
TONY MANGIERI	SE PARKS / RECREATION		
Sandra Wright	Tax Commissioner		
James Cannady	Em Co Comm		
Martha Culbreth	Eman County EMA		
L. Guy Singletary	Emanuel CTY BOC		
Michael Strobridge	Swainsboro/Eman Fire		

II. Committee Meeting Agendas

Kick-Off Meeting Emanuel County

Main Section:

- Introduction:
  - I'm your hazard mitigation Planner & Time for your plan update
  - Federally required to update the plan every 5 years
  - Why do you do this?
    - In the wake of a Disaster you have a plan in place that makes you eligible to receive grant funding for projects.
      - Generators, wind retrofits, land acquisitions, purchasing of equipment, lightning rods,
    - In the event you do not have a plan in place or its not updated:
      - Your county may lose the opportunity to receive the grant funding
      - Or your moved to the bottom of the list and are given the least amount of priority
  - Your time and knowledge are important
  - Labor match forms to include your ***fringe benefits***
  - FEMA volunteer rate **$25.78**

- Key Dates & Grant Deadlines
  - Current Plan Expires: October 19, 2020
  - Period of Performance (POP): June 30, 2020
  - Initial Draft by: March 2020
  - Submission to FEMA: Approximately June 2020

- County has a Grant:
  - Labor Matching: $4,200 to equal match (declared)

EMA Director & Consultant Section Notes:

- Grant Program: HMGP 4284
- Grant total: $28,000
  - Federal Share: $21,000
  - Local Share: $4,200
  - State Share: $2,800
- GMIS:
  - Critical Facilities need to be updated in the GMIS system First/ASAP.
    - Counties are finishing plans, but not C.F. updates which is causing problems with HAZUS Reports.

EMANUEL COUNTY PRE-DISASTER MITIGATION
KICKOFF MEETING AGENDA
May 9, 2019, 2:00 p.m.
Emanuel County Commissioner Board Room
101 North Main Street, Swainsboro

Welcome/Presentation

Mandy Britt, Regional Planner for Heart of GA Altamaha Regional Commission (HOGARC)

- Introductions
- Overview of Process

Shelby Meyers, State Planner for Hazard Mitigation, GEMA

Scott Jackson, GIS Planner HOGARC

- Critical Facilities

Mandy Britt, Regional Planner HOGARC

- SWOT Analysis
- Establish a Regular Meeting Schedule
- Address Goals for Each Meeting
  - **1st Formal Meeting** – Hazard Identification, Hazard Event Profiling, Hazard Analysis and Risk Assessment
  - **2nd Formal Meeting** – Review first draft of 2020 Update: Chapter 2 (*Local Hazard, Risk and Vulnerability*), Brief overview of Goals, Objectives and Action Steps (GOAs)
  - **3rd Formal Meeting**– Establish GOAs
  - **4th Formal Meeting** – Review first draft of 2020 Update: Chapter 3 (*Natural Hazard Mitigation Goals and Objectives*)
  - **Final Review Meeting**
  - **Public Hearing**
- Collect Labor Forms
- Dismissal

Thank you!

EMANUEL COUNTY PRE-DISASTER MITIGATION
1st FORMAL MEETING AGENDA
July 18, 2019, 2:00 p.m.
Emanuel County Commissioner Board Room
101 North Main Street, Swainsboro

1. Welcome/Presentation

Mandy Britt, Regional Planner, Heart of Georgia Altamaha Regional Commission

2. Items from Kickoff Meeting

- **A.** Labor Forms
- **B.** Quick Review

3. New Items for Discussion

- **A.** Hazard Identification (GEMA Worksheet 1)

  I. *Flooding*
  II. *Tornado*
  III. *Hurricane*
  IV. *Severe Winter Storm*
  V. *Thunderstorm*
  VI. *Hailstorm*
  VII. *Wildfire*
  VIII. *Drought*
  IX. *Dam Failure*
  X. *Tropical Storm*
  XI. *Extreme Heat*

- **B.** Hazard Event Profiling (GEMA Worksheet 2)
- **C.** Hazard Risk Assessment
- **D.** Critical Facilities Update

4. Next Meeting

- **A.** Review first draft for 2020 Update: Chapter 2 (Local Hazard, Risk and Vulnerability), Brief overview of Goals, Objectives and Action Steps (GOAs)
- **B.** Schedule Next Meeting

5. Adjourn

- Collect Labor Forms
- Dismissal

Thank you!

EMANUEL COUNTY PRE-DISASTER MITIGATION
2ND FORMAL MEETING AGENDA
August 29, 2019, 2:00 p.m.
Emanuel County Commissioner Board Room
101 North Main Street, Swainsboro

1. **Welcome**
   Mandy Britt, Regional Planner, Heart of Georgia Altamaha Regional Commission

2. **Review Updated Items from 1st Formal Meeting**
   - **A.** Labor Forms/Sign-In Sheet
     Volunteer Match Rate: $25.78 per hour –this includes benefits
   - **B.** Critical Facilities and Labor Expense Update
   - **C.** Review Items from 1st Formal Meeting:
     - i. Hazard Identification (GEMA Worksheet 1)
       - a. Thunderstorm/Windstorm
       - b. *Hurricane/Tropical Storms*
       - c. *Tornado*
       - d. *Winter Storms*
       - e. *Wildfire*
       - f. *Extreme Heat*
       - g. Drought
       - h. Flooding/Dam Failure
       - i. Hazardous Materials
       - j. Hail
     - ii. Hazard Event Profiling (GEMA Worksheet 2)
     - iii. Hazard Risk Assessment

3. **New Items for Discussion: Update Chapter 2 Draft – Hazard, Risk, and Vulnerability (HRV)**
   - A. 2015 Plan GOAs
   - B. Emanuel County Comprehensive Plan Community Work Program

4. **Next Meeting**
   - **A.** Review draft for 2020 Update: Chapter 3 - Goals, Objectives, and Action Steps (GOAs)
   - **B.** Schedule Next Meeting

5. **Adjourn**

Thank you!

EMANUEL COUNTY PRE-DISASTER MITIGATION
3rd FORMAL MEETING AGENDA
October 10, 2019, 2:00 p.m.
Emanuel County Commissioner Board Room
101 North Main Street, Swainsboro

1. **Welcome**

Mandy Britt, Regional Planner, Heart of Georgia Altamaha Regional Commission

2. **Review Updated Items from 2nd Formal Meeting**
   - **A.** Labor Forms/Sign-In Sheet
     Volunteer Match Rate: $25.78/ hr. (includes benefits)
   - **B.** Critical Facilities
   - **C.** NFIP Status
   - **D.** Review Items from 2nd Formal Meeting:
     - i. Hazard Identification
     - ii. Hazard Event Profiling
     - iii. Hazard Risk Assessment
     - iv. Update Chapter 2 Draft – Hazard, Risk, and Vulnerability (HRV)

3. **New Items for Discussion: Update Chapter 3 Draft:**
   Natural Hazard Risk and Vulnerability – Mitigation Goals and Objectives
   - A. 2015 Plan GOAs
   - B. Emanuel County Comprehensive Plan Community Work Program

4. **Next Meeting**
   - **A.** Continue Review and Update of Chapter 3 - Goals, Objectives, and Action Steps (GOAs)
   - **B.** Schedule Next Meeting

5. **Collect Labor Forms/Sign-In Sheet**

6. **Adjourn**

Thank you!

EMANUEL COUNTY PRE-DISASTER MITIGATION
4th FORMAL MEETING AGENDA
December 4, 2019, 10:30 a.m.
Emanuel County Commissioner Board Room
101 North Main Street, Swainsboro

1. **Welcome**
   Mandy Britt, Regional Planner, Heart of Georgia Altamaha Regional Commission

2. **Review Updated Items from 3rd Formal Meeting**
   - **A.** Labor Forms/Sign-In Sheet
   - **B.** Critical Facilities
   - **C.** Briefly Review Items from Previous Formal Meetings/ NFIP

3. **Items for Discussion: Continued Update Chapter 3 Draft – Natural Hazard Risk and Vulnerability – Mitigation Goals and Objectives**
   - **A.** Review and Updating of 2015 Update: Chapter 3 (*Natural Hazard Risk and Vulnerability- Mitigation Goals and Objectives*)

4. **Next Meeting**
   - **A.** Schedule Final Public Hearing/ Draft Review
   - **B.** Collect Labor Match Sheets

5. **Adjourn**

Thank you!

III. Public Hearing Notices

Public Hearing Notice

The Emanuel County Pre-Disaster Mitigation Planning Committee will hold a Kick-Off Meeting on Thursday, May 9, 2019 at 2:00p.m. The hearing will be held in the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

The purpose of the meeting is to inform citizens about the Pre-Disaster Mitigation Planning process that is taking place in Emanuel County. Citizens will be given the opportunity to review and voice input concerning the pre-FEMA submission draft of the Pre-Disaster Mitigation Plan for Emanuel County.

All interested parties are invited and encouraged to attend.

For more information, please contact Martha Culbreth, Emanuel County Emergency Management Agency Director at 478-237-3169 or Mandy Britt, Regional Planner with the Heart of Georgia Altamaha Regional Commission, at 912-367-3648.

PUBLIC HEARING NOTICE

The Emanuel County Pre-Disaster Mitigation Planning Committee will hold a Kick-Off Meeting on Thursday, May 9, 2019 at 2:00p.m. The hearing will be held in the Emanuel County Commissioners Board Room located at 101 North Main Street in Swainsboro.

The purpose of the meeting is to inform citizens about the Pre-Disaster Mitigation Planning process that is taking place in Emanuel County. Citizens will be given the opportunity to review and voice input concerning the pre-FEMA submission draft of the Pre-Disaster Mitigation Plan for Emanuel County.

All interested parties are invited and encouraged to attend.

For more information, please contact Martha Culbreth, Emanuel County Emergency Management Agency Director at 478-237-3169 or Mandy Britt, Regional Planner with the Heart of Georgia Altamaha Regional Commission, at 912-367-3648.

Public Hearing Notice

The Emanuel County Pre-Disaster Mitigation Planning Committee will hold a Final Public Hearing on Wednesday, February 17th, 2021 from 2:00pm. to 4:00p.m. The hearing will be held at the Commissioner's Board Room at 101 N. Main St. Swainsboro, Georgia 30401.

The purpose of this public hearing is to inform citizens and provide the opportunity to review and voice input concerning the pre-FEMA submission draft of the 2021-2026 Pre-Disaster Mitigation Plan that is taking place in Emanuel County. The 2021 Emanuel County Pre-Disaster Mitigation Plan draft has been prepared on behalf of Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.

All interested parties are invited and encouraged to attend. For the safety and health of all attendees, the Emanuel County EMA office kindly requests that all attendees wear a mask and maintain at least six feet of distance between each person at all times.

For more information, please contact Martha Culbreth, Emanuel County Emergency Management Agency Director at 478-237-3169 or Courtney Domst, Community Development Planner with the Heart of Georgia Altamaha Regional Commission, at 478-374-4771.

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PUBLIC HEARING NOTICE

The Emanuel County Pre-Disaster Mitigation Planning Committee will hold a Final Public Hearing on Tuesday, January 26th, 2021 from 2:00pm. to 4:00p.m. The hearing will be held at the Commissioner's Board Room at 101 N. Main Street Swainsboro, Georgia 30401.

The purpose of this public hearing is to inform citizens and provide the opportunity to review and voice input concerning the pre-FEMA submission draft of the 2021-2026 Pre-Disaster Mitigation Plan that is taking place in Emanuel County. The 2021 Emanuel County Pre-Disaster Mitigation Plan draft has been prepared on behalf of Emanuel County and the Cities of Adrian, Garfield, Nunez, Oak Park, Stillmore, Summertown, Swainsboro, and Twin City.

All interested parties are invited and encouraged to attend. For the safety and health of all attendees, the Emanuel County EMA office kindly requests that all attendees wear a mask and maintain at least six feet of distance between each person at all times.

For more information, please contact Martha Culbreth, Emanuel County Emergency Management Agency Director at 478-237-3169 or Courtney Domst, Community Development Planner with the Heart of Georgia Altamaha Regional Commission, at 478-374-4771.

EFLR SAR supports Wreaths across America

Members of the East Fall Line Region traveled to Sylvania on Dec. 18 to participate in the *Tribute to the 40 Screven County Veterans*, who never made it home. On the 102nd anniversary of World War I and the 75th anniversary of World War II, this tribute was named *Beyond the Sea*.

The tolling of the bell was done in three parts: 17 casualties of WWI, 22 casualties of WWII and one casualty of the Korean War. Including these 40 wreaths, there were a total of 559 wreaths placed in the Screven County Cemetery on veteran's tombstones. This event was sponsored by the American Legion Screven County History buffs in support of the Ellis E. Williams Memorial Post 7116, Veterans of Foreign Wars George Alexander Mincey Memorial Post 116. Also, Regent Emelyn Hunter and Harriet Yancey of the Brier Creek Chapter, DAR was responsible for the *Revolutionary War Memorial* event that was held just before the *Beyond the Sea* event.

Members of the EFLR. at the conclu-

SOUTH GEORGIA GASSAR COLOR GUARD, COMMANDED BY STEVE BURKE

IV. Regional Commission Contract

CONTRACT

STATE OF GEORGIA
COUNTY OF DODGE

THIS AGREEMENT entered into as of this 23rd day of May by and between the Heart of Georgia Altamaha Regional Commission (hereinafter called the "COMMISSION") and EMANUEL County (hereinafter called the "COUNTY").

WITNESSETH

WHEREAS, the COUNTY has applied for Pre-Disaster Mitigation Planning Funds from the Georgia Emergency Management Agency and,

WHEREAS, the COUNTY desires to engage the COMMISSION to provide Technical Assistance to the COUNTY in the development of a Pre-Disaster Mitigation Plan.

NOW THEREFORE, for and in consideration of the benefits flowing to each as hereinafter appear, the parties agree as follows:

I. Performance of Services. The COUNTY hereby agrees to engage the COMMISSION and the COMMISSION hereby agrees to provide technical assistance to the COUNTY in the development of a Pre-Disaster Mitigation Plan. This contract shall be strictly considered a fee for services contract for satisfactory completion of the professional services outlined herein.

II. Scope of Services. The COMMISSION shall perform in a satisfactory manner as determined by the COUNTY in providing technical assistance to the COUNTY in the development of the plan.

III. Time of Performance. The services of the COMMISSION shall begin with the date of the execution of this Contract, and shall continue through satisfactory approval of the Plan by the County, the Georgia Emergency Management Agency and by the Federal Emergency Management Agency.

IV. Compensation. The COMMISSION shall invoice the COUNTY for fee for services for the development and completion of a Pre-Disaster Mitigation Plan following the guidelines set forth by the Georgia Emergency Management Agency and FEMA. In any event, the COMMISSION's compensation for the project shall not exceed $21,000.00 for the services rendered during the period specified in Item III of this Contract. The COMMISSION shall submit invoices to the COUNTY in order to be compensated by the COUNTY. These fees will be payable as per the following schedule: 50% after the contract has been

signed, the organization of resources has been completed and the first public hearing has been held; 25% upon submission of the plan to GEMA; and 25% when the plan has been approved by GEMA and FEMA.

V. Assignability. The COMMISSION shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation), without the prior written approval of the COUNTY.

VI. Subcontracting. The COMMISSION shall not subcontract any of the services covered by this Contract without the prior written approval of the COUNTY.

VII. Termination of Contract. If, through any cause, the COMMISSION shall fail to fulfill in a timely manner its obligation under the Contract, or if the COMMISSION shall violate any of the covenants, agreements, or stipulations of the Contract, the COUNTY thereupon shall the right to terminate this Contract by giving written notice to the COMMISSION of such termination and specifying the effective date thereof, at least five days before the effective date of such termination. In that event, all finished or unfinished materials prepared by the COMMISSION under this Contract shall become the property of the COUNTY and the COMMISSION shall be entitled to receive just and equitable compensation for any satisfactory work completed on such materials. In the event that such termination of this Contract by the COUNTY shall be for the violation or breach of any contract terms on the part of the COMMISSION, the COUNTY shall have full recourse of such administrative, contractual, or legal remedies as may be appropriate, together with such necessary and reasonable sanctions and penalties against the COMMISSION as may be appropriate.

VIII. Equal Opportunity. In carrying out its Scope of Services the COMMISSION shall comply in full with all applicable requirements of state and federal laws and regulations addressing equal employment opportunity.

IX. Employment of Local Residents. In the event that the COMMISSION finds it necessary to employ additional staff to accomplish the technical assistance activities required under this Contract, every reasonable effort will be made to secure such additional staff from among residents of the COUNTY, provided applicants with the necessary qualifications as established by the COMMISSION can be identified. In any case final decisions regarding employment of such staff shall be the sole responsibility of the COMMISSION.

X. Copyright and Patents. No materials prepared in whole or in part under this Contract shall be the subject of any application for copyright, patent, or patent right by or on behalf of the COMMISSION.

XI. Audits and Inspections. The COUNTY, the Georgia Emergency Management Agency, FEMA, the Comptroller of the United States, or any of their duly authorized representatives, shall have full access to and the right to examine pertinent books, documents, papers, and records of the COMMISSION involving transactions related to this Contract for three years from the date of submission of the final payment request, or until all audit findings have been resolved to the satisfaction of the above named agencies and the COUNTY.

XII. Contract Variations and Modifications. This Contract constitutes the entire Agreement between the COMMISSION and the COUNTY and there are no other written or oral understandings or agreements with respect thereto. No variation or modification of the Contract, and no waiver of its provisions, shall be valid unless in writing and signed by the COMMISSION's and COUNTY's duly authorized representatives.

XIII. Funding Termination. In the event that funding is terminated or otherwise unavailable for the purpose of compensating the COMMISSION, this Contract is null and void, releasing the COUNTY and COMMISSION from further obligations contained herein.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first above written.

HEART OF GEORGIA ALTAMAHA REGIONAL COMMISSION

BY: _____
Brett Manning
Executive Director

BY: _____
Witness-Notary

BY: _____
Raymond Mullis
Chairman

BY: _____
Witness-Notary

EMANUEL COUNTY BOARD OF COMMISSIONERS

BY: _____
Hugh Foskey
Chairman

BY: _____
Witness-Notary

MICHELLE B BROWN NOTARY EXPIRES GEORGIA NOVEMBER 2, 2019 APPLING COUNTY PUBLIC

STACEY ANN SCARBORO NOTARY PUBLIC EMANUEL COUNTY, GEORGIA MY COMMISSION EXPIRES MARCH 22, 2021

V. Neighboring Community Invitation

HEART OF GEORGIA ALTAMAHA
Regional Commission

331 West Parker Street
Baxley, GA 31513
Phone: 912-367-3648
Fax: 912-367-3640

5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

Ted Wynn
EMA Director
Bulloch County
17245 Highway 301 North
Statesboro, Georgia 30458

Dear Mr. Wynn:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

At this meeting we will discuss updates to the current hazard mitigation goals/objectives/action plans. This will be an opportunity for you to see some of the mitigation activities Emanuel County is engaged in and likewise for them to hear your experiences with hazard mitigation planning and implementation in your county.

Please contact me if you have any questions or comments.

Sincerely,

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

HEART OF GEORGIA ALTAMAHA
Regional Commission

331 West Parker Street
Baxley, GA 31513
Phone: 912-367-3648
Fax: 912-367-3640

5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

James Burke
EMA Director
Jenkins County
P.O. Box 797
Millen, Georgia 30442

Dear Mr. Burke:

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Sincerely,

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Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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Fax: 478-374-0703

May 3, 2019

Rusty Sanders
EMA Director
Burke County
277 Highway 24, Southy
Waynesboro, Georgia 30830

Dear Mr. Sanders:

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Heart of Georgia Altamaha Regional Commission
[redacted]

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May 3, 2019

Shawn Wombles
EMA Director
Johnson County
6785 East College Street
Wrightsville, Georgia 31096

Dear Mr. Wombles:

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Sincerely,

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Heart of Georgia Altamaha Regional Commission
[redacted]

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5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

Walt Rogers
EMA Director
Tattnall County
P.O. Box 905
Reidsville, Georgia 30453

Dear Mr. Rogers:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

Donnie Daniels
EMA Director
Montgomery County
P.O. Box 295
Mount Vernon, Georgia 30445

Dear Mr. Daniels:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Sincerely,

Mandy Britt

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

Jamie Bridges
EMA Director
Treutlen County
1830 Martin Luther King Jr. Drive
Soperton, Georgia 30457

Dear Mr. Love:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Heart of Georgia Altamaha Regional Commission
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5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

Lynn Moore
EMA Director
Toombs County
321 North West Broad Street
Lyons, Georgia 30436

Dear Mr. Moore:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Mandy Britt

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission

[redacted]

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5405 Oak Street
Eastman, GA 31023
Phone: 478-374-4771
Fax: 478-374-0703

May 3, 2019

John Miles
EMA Director
Candler County
P.O. Box 74
Metter, Georgia 30439

Dear Mr. Miles:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Sincerely,

Mandy Britt

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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Eastman, GA 31023
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May 3, 2019

Jim Anderson
EMA Director
Jefferson County
P.O. Box 658
Louisville, Georgia 30434

Dear Mr. Anderson:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2020. We are currently in the beginning stages of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend an invitation to our initial kick-off meeting on Thursday, May 9, 2019 at 2:00 p.m. The meeting will be held at the Emanuel County Commissioners Board Room located at 101 North Main Street, Swainsboro.

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Sincerely,

Mandy Britt
Regional Planner
Heart of Georgia Altamaha Regional Commission

[redacted]

HEART OF GEORGIA ALTAMAHA REGIONAL COMMISSION

January 11th, 2021

Ted Wynn
Bulloch County EMA Director
17245 Highway 301 North
Statesboro, Georgia 30458

Dear Mr. Wynn:

I am working with Emanuel County to update its Pre-Disaster Hazard Mitigation Plan for 2021. We are currently in the meeting/draft phase of the plan update. As a neighboring county, and an important partner in hazard mitigation efforts, Emanuel County would like to extend to you an invitation to our final public meeting on Wednesday, January 27th, 2021 at 2:00p.m. The meeting will be held at the Commissioner's Board Room located at 101 N. Main Street in Swainsboro.

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Sincerely,

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission

[redacted]

HEART OF GEORGIA ALTAMAHA
REGIONAL COMMISSION

January 11th, 2021

Walt Rogers
Tattnall EMA Director
P.O. Box 905
Reidsville, Georgia 30453

Dear Mr. Rogers:

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Sincerely,

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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www.hogarc.org

HEART OF GEORGIA ALTAMAHA REGIONAL COMMISSION

January 11th, 2021

Rusty Sanders
Burke County EMA Director
277 Highway 24, Southly
Waynesboro, Georgia 30830

Dear Mr. Sanders:

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Sincerely,

Courtney Domst

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

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REGIONAL COMMISSION

January 11th, 2021

Jim Anderson
Jefferson County EMA Director
P.O Box 658
Louisville, Georgia 30434

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Sincerely,

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

HEART OF GEORGIA ALTAMAHA
REGIONAL COMMISSION

January 11th, 2021

James Burke
Jenkins County EMA Director
P.O. Box 797
Millen, Georgia 30442

Dear Mr. Burke:

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Sincerely,

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

HEART OF GEORGIA ALTAMAHA REGIONAL COMMISSION

January 11th, 2021

Lynn Moore
Toombs EMA Director
321 North West Broad Street
Lyons, Georgia 30436

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Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

HEART OF GEORGIA ALTAMAHA
REGIONAL COMMISSION

January 11th, 2021

Donnie Daniels
Montgomery EMA Director
P.O. Box 295
Mount Vernon, Georgia 30445

Dear Mr. Daniels:

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Sincerely,

Courtney Domst
Community Development Planner
Heart of Georgia Altamaha Regional Commission
[redacted]

HEART OF GEORGIA ALTAMAHA
REGIONAL COMMISSION

January 11th, 2021

Shawn Wombles
Johnson County EMA Director
6785 East College Street
Wrightsville, Georgia 31096

Dear Mr. Wombles:

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Community Development Planner
Heart of Georgia Altamaha Regional Commission
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VI. Adoption Resolutions

A RESOLUTION OF THE ADRIAN CITY COUNCIL PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE ADRIAN CITY COUNCIL FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 11th DAY OF October, 2021

Wynola Smith, Mayor

Signed: Wynola Smith, Adrian City Mayor

(City Seal)

Felicia Owen

Attest: Felicia Owen, Adrian City Clerk

A RESOLUTION OF THE OAK PARK CITY COUNCIL PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000: and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding: and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE OAK PARK CITY COUNCIL FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 2 DAY OF NOV., 2021

Mickey F. Lindsey
Signed: Mickey Lindsey, Oak Park City Mayor

(City Seal)

CITY OF OAK PARK SEAL OAK PARK, GA

Attest: Courtney Soley, Oak Park City Clerk

A RESOLUTION OF THE STILLMORE CITY COUNCIL PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE STILLMORE CITY COUNCIL FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 12th **DAY OF** October, **2021**

Regan Slater

Signed: Regan Slater, Stillmore City Mayor

(City Seal)

Rhonda Turner

Attest: Rhonda Turner, Stillmore City Clerk

A RESOLUTION OF THE SUMMERTOWN CITY COUNCIL PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE SUMMERTOWN CITY COUNCIL FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 21 **DAY OF** Sept. **, 2021**

Don Bishop

Signed: Don Bishop, Summertown City Mayor

(City Seal)

Linda C. Kirkland

Attest: Linda Kirkland, Summertown City Clerk

A RESOLUTION OF THE SWAINSBORO CITY COUNCIL PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE SWAINSBORO CITY COUNCIL FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 1 DAY OF NOV., 2021

Signed: Charles Schwabe, Swainsboro City Mayor

(City Seal)

Attest: Melissa Kirby, Interim City Administrator

Resolution 05-2021

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TWIN CITY PURSUANT TO THE DISASTER MITIGATION ACT OF 2000 AUTHORIZING ADOPTION OF THE EMANUEL COUNTY HAZARD MITIGATION PLAN

WHEREAS, Emanuel County and its municipal governments are required to complete a Hazard Mitigation Plan by the Disaster Mitigation Act of 2000; and

WHEREAS, under the provisions of the Disaster Mitigation Act of 2000, local governments that complete Hazard Mitigation Plans will remain eligible for Federal mitigation funding; and

WHEREAS, Emanuel County and its municipal governments have completed an updated Hazard Mitigation Plan that fulfills the Federal requirements of the Disaster Mitigation Act of 2000.

NOW THEREFORE LET IT BE RESOLVED THAT THE CITY COMMISSION OF THE CITY OF TWIN CITY FORMALLY ADOPTS THIS UPDATED HAZARD MITIGATION PLAN.

RESOLVED THIS 5TH DAY OF OCTOBER, 2021

Signed: Matt Donaldson, Twin City Mayor

Attest: Eugenia Ducker, Twin City City Clerk

(City Seal)