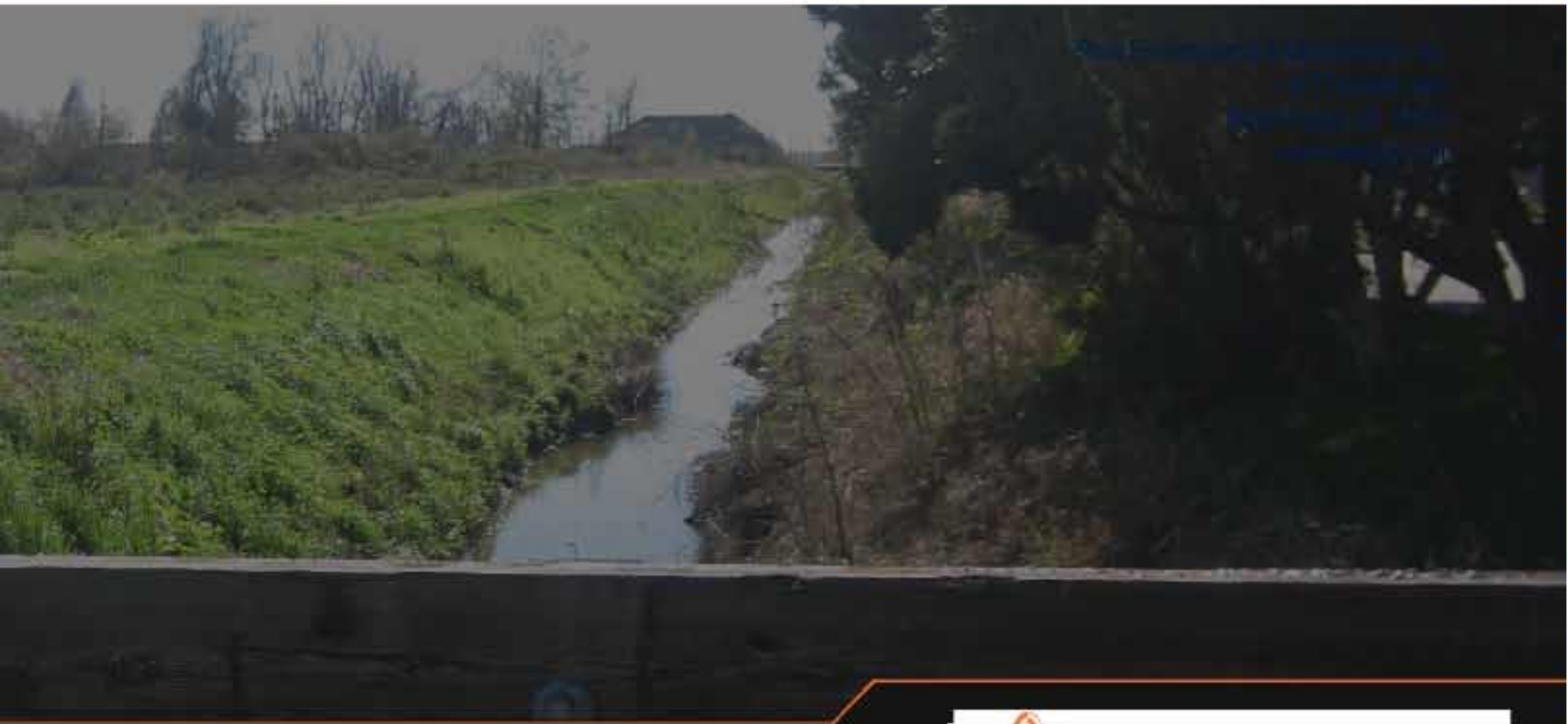
Iberville Parish Hazard Mitigation Plan Update

April 2011



Shaw® Shaw Environmental & Infrastructure, Inc.

IBERVILLE PARISH, LOUISIANA

HAZARD MITIGATION PLAN UPDATE

Hazard Mitigation Grant Program No. 1603n-047-0007

April 2011

Submitted to:

Iberville Parish Council
J. Mitchell Ourso, Jr., Parish President
58050 Meriam Street
P.O. Box 389
Plaquemine, LA 70765-0389

Submitted by:

Shaw Environmental & Infrastructure, Inc.
4171 Essen Lane
Baton Rouge, LA 70809
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Shaw® Shaw Environmental & Infrastructure, Inc.

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FOREWORD

The planning grant was approved in 2009 to assist Iberville Parish in completing a Hazard Mitigation Plan Update (HMPU). Iberville's original Hazard Mitigation Plan was approved in 2006.

Throughout the HMPU process, the committees determined that the sections of the original Iberville Parish Hazard Mitigation Plan that needed updating were the Planning Process, Risk Assessment, Mitigation Strategies, and Plan Maintenance along with the applicable attachments. The human-caused hazards section was not updated.

The Planning Process section of the HMPU updates include specifying plans and project lists incorporated into the HMPU along with relevant attachments.

The Risk Assessment section of the HMPU includes updating a table of NOAA recorded events, a more detailed tornado profile, and a new multi-jurisdictional risk assessment. Also updated was the table summarizing risk assessment items such as total structures, total value of structures, structures in hazard areas, value of structures in hazard areas, residential population of area, and percent population of area. Applicable attachments were added or updated.

The Mitigation Strategies section of the HMPU was also updated. The goals to reduce or avoid long-term vulnerabilities to the identified hazards remained the same. However, the objectives and action items relative to the established goals were updated. These updates were completed including any attachments that apply.

The Plan Maintenance section of the HMPU was also updated to include the procedure and issues to be addressed yearly by a subset of the HMPU committee and public notification of future meetings. The plan will be updated again within a five-year timeframe.

1.0 PREREQUISITES—COPY OF FORMAL PLAN ADOPTION

§201.6 (c)(5) Documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council). For multi-jurisdiction requesting approval of the plan must document that it has been formally adopted.

Documentation that the plan has been formally approved by the governing authorities of Iberville Parish is presented on the following seven pages of this section. Resolutions of the parish governing authority and each separate municipality adopting the plan are included on the following pages in conformance with the plan requirements.

STATE OF LOUISIANA
PARISH OF IBERVILLE

RESOLUTION IPC# 2011-019

RESOLUTION TO ADOPT THE IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322—Mitigation Planning—which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, all Federal Emergency Management Agency (FEMA) and GOHSEP procedures have been adhered to and approvals obtained, and,

WHEREAS, the Iberville Parish Government participated in preparation of the plan update and supports the plan as it pertains to the entire parish,

NOW THEREFORE, be it resolved by the Iberville Parish Council that the Parish President and Council does hereby adopt the overall Hazard Mitigation Plan Update dated April 2011.

Upon a motion by Councilman Kelley, seconded by Councilman Vallet, to adopt the foregoing resolution, having been duly submitted to a vote the resolution was duly adopted by the following yea and nay votes on roll call:

YEAS: Taylor, Ourso, Scott, Jackson, Reeves, Stevens, Bradford, Kelley, Vallet, Roy.
NAYS: None.
ABSENT: Butler, Oubre.

The resolution was declared adopted by the Chairman on the 17th day of May, 2011.

IBERVILLE PARISH COUNCIL

BY: Matthew H. Jewell
MATTHEW H. JEWELL, CHAIRMAN

ATTEST:

Kirsha D. Barker
KIRSHA D. BARKER, CLERK

RESOLUTION

TO ADOPT THE IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE.

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322-Mitigation Planning-which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the parish mitigation planning process, and

WHEREAS, the Village of Rosedale participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to Rosedale and the entire parish.

THEREFORE, BE IT RESOLVED, that the Board of Aldermen for the Village of Rosedale, convened in regular session, hereby adopts the overall Iberville Parish Hazard Mitigation Plan Update dated April 2011.

The above Resolution has been read and considered, upon a motion by Alderman Badeaux, which was seconded by Alderwoman Alexander, and upon a vote being taken, the following result was had:

YEAS: Alexander, Badeaux, Gantt
NAYS: None

WHEREUPON, the presiding officer declared the Resolution adopted on June 14, 2011.

Attested:

Karen H. Russo
Clerk

Lawrence J. "Football" Badeaux
Mayor

City of St. Gabriel
Lionel Johnson, Jr.
Mayor

P.O. Box 597 • 5035 Iberville Street • St. Gabriel, LA 70776 • Tel.: (225) 642-9600 • Fax: (225) 642-0043 • Website: cityofstgabriel.us

Chief of Police:
Kevin Ambeau, Sr.
City Council:
Deborah Alexander • Flora Danielfield • Melvin Hasten, Sr. • Freddie Frazier • Ralph Johnson, Sr.

RESOLUTION

City of St. Gabriel

To adopt the Iberville Hazard Mitigation Plan Update...

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322—Mitigation Planning—which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the Parish mitigation planning process, and

WHEREAS, the City of St. Gabriel participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to St. Gabriel and the entire parish,

NOW THEREFORE, be it resolved by the Council of the City of St. Gabriel that the mayor and council does hereby adopt the overall Hazard Mitigation Plan Update dated April 2011.

The foregoing resolution was read in full, the roll was called on the adoption thereof, and the resolution was adopted by the following voters:

YEAS: Alexander - Danielfield - Hasten - Frazier - Johnson

NAYS: 0

ABSTAINED: 0

ABSENT: 0

I herby certify that the foregoing is a true and exact copy of the resolution adopted at the board meeting held on July 21, 20 11, at which meeting a quorum was present and voting.

City of St. Gabriel, Louisiana, this 21 day of July, 2011.

Mayor, City of St. Gabriel

An Equal Opportunity Employer

Selectman Timothy L. Martinez offered the following resolution, seconded by Selectman Lindon A. Rivet, Jr.:

RESOLUTION TO ADOPT THE IBERVILLE PARISH COUNCIL'S HAZARD MITIGATION PLAN UPDATE, DATED APRIL 2011 AND TO SUPPORT THE PLAN AS IT PERTAINS TO THE CITY OF PLAQUEMINE AND THE ENTIRETY OF IBERVILLE PARISH

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322—Mitigation Planning—which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the Parish mitigation planning process, and

WHEREAS, the City of Plaquemine participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to the City of Plaquemine and the entirety of Iberville Parish.

WHEREAS, on behalf of the Mayor and Board of Selectmen, Mark A. "Tony" Gulotta, Mayor of the City of Plaquemine, be authorized, directed and empowered to sign any and all documents relative to the overall Iberville Parish Council's Hazard Mitigation Plan Update, dated April 2011.

NOW THEREFORE, BE IT RESOLVED, that the City of Plaquemine does hereby adopt the overall Iberville Parish Hazard Mitigation Plan Update, dated April 2011, and supports the plan as it pertains to the City of Plaquemine and the entirety of Iberville Parish.

BE IT FURTHER RESOLVED, that the Honorable Mark A. "Tony" Gulotta, Mayor of the City of Plaquemine, be authorized, directed and empowered to sign any and all documents relative to the overall Iberville Parish Council's Hazard Mitigation Plan Update, dated April 2011.

The foregoing was adopted by the following votes:

Yeas: Lindon A. Rivet, Jr., Oscar S. Mellion, Ralph J. Stassi, Jr. Michael W. Rivet, Timothy L. Martinez and Jimmie Randle, Jr.
Nays: None.
Absent: None.
Abstained: None.

CERTIFICATE

I, Roxane M. Richard, hereby certify that I am the duly qualified Administrative Assistant of the City of Plaquemine.

I further certify that the above and foregoing is a true copy of the resolution adopted by the City of Plaquemine, through its Mayor and Board of Selectmen, in regular session, on the 17th day of May, 2011.

IN FAITH WHEREOF, witness my official signature and the impress of the official seal of the City of Plaquemine, Louisiana, on this 18th day of May, 2011.

CITY OF PLAQUEMINE

Roxane M. Richard

Roxane M. Richard
Administrative Assistant

TOWN OF MARINGOUIN

RESOLUTION

To Adopt the Iberville Hazard Mitigation Plan Update

WHEREAS, on October 30, 2000, the president signed into law the Disaster Mitigation Act of 2000 (DMA), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322-Mitigation Planning- which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CRF Parts 201 and 206, on February 26, 2002, with the requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the Parish mitigation planning process, and

WHEREAS, the Town of Maringouin participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to Maringouin and the entire parish,

NOW THEREFORE, be it resolved by the Council of the Town of Maringouin that the Mayor and council does hereby adopt the overall Hazard Mitigation Plan Update dated April 2011.

This Resolution having been submitted to a vote, the vote thereon was as follows:

Yeas: 5

Nays: 0

Absent: 0

And this resolution was passed on this 2nd day of May 2011.

Teresa Marsh
Town Clerk

Mayor

STATE OF LOUISIANA
PARISH OF IBERVILLE
TOWN OF WHITE CASTLE
July 18, 2011

The Mayor and Board of Aldermen of the Town of White Castle, Louisiana, met in regular session at the Town Hall, White Castle, Louisiana, on the 18th day of July, 2011, with the following members present:

PRESENT: John Barlow, Jonathan Greene, Garnell Young, Barbara O'Bear, Dionne Lewis

ABSENT: None

After the meeting was called to order by Gerald Jermarr Williams, Mayor, the roll was read with the above results.

Jonathan Greene offered the following resolution for adoption. The resolution was duly seconded by Barbara O'Bear.

RESOLUTION TO ADOPT THE IBERVILLE HAZARD MITIGATION PLAN UPDATE

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000);

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new Section 322, Mitigation Planning, which places new emphasis on local mitigation planning;

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants;

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR, Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6;

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level;

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the Parish mitigation planning process;

WHEREAS, the Town of White Castle participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to White Castle and the entire parish.

BE IT RESOLVED, that the Aldermen and Mayor do hereby adopt the overall Hazard Mitigation Plan Update dated April, 2011.

This resolution having been submitted to a vote, the vote thereon was as follows:

YEAS: John Barlow, Jonathan Greene, Garnell Young, Barbara O'Bear, Dionne Lewis

NAYS: None

ABSENT: None

This resolution was declared adopted on the 18th day of July, 2011.

CERTIFICATE

I, STACEY D. ADLER, hereby certify that I am the duly qualified and acting Town Clerk of the Town of White Castle, Louisiana, the governing authority thereof. I further certify that the above and foregoing is a true and correct copy of an excerpt from the minutes of a meeting of said Mayor and Board of Aldermen held on July 18, 2011 and of a resolution adopted at said meeting, as said minutes and said resolution appears officially of record in my possession.

IN FAITH WHEREOF, Witness my official signature and impress of the official seal of Town of White Castle, Louisiana on this the 18th day of July, 2011.

Stacey D. Adler
STACEY D. ADLER, Town Clerk

ATTESTED:

Gerald Jermarr Williams
GERALD JERMARR WILLIAMS, Mayor

Village of Grosse Tete
RESOLUTION
To adopt the Iberville Hazard Mitigation Plan Update

WHEREAS, on October 30, 2000, the President signed into law the Disaster Mitigation Act of 2000 (DMA 2000), and

WHEREAS, DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section, 322—Mitigation Planning—which places new emphasis on local mitigation planning, and

WHEREAS, Section 322 requires local governments to develop and submit mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) project grants, and

WHEREAS, an Interim Final Rule (the Rule) for implementing Section 322 was published in the Federal Register, 44 CFR Parts 201 and 206, on February 26, 2002, with requirements for Local Plans found in Part 201.6, and

WHEREAS, in Louisiana, the Governor's Office of Homeland Security and Emergency Preparedness (GOHSEP) local mitigation planning initiative is focused at the parish level, and

WHEREAS, when incorporated jurisdictions exist within the parishes, their governments are encouraged to participate in the Parish mitigation planning process, and

WHEREAS, the Village of Grosse Tete participated in the preparation of the Iberville Parish Hazard Mitigation Plan Update and supports the plan as it pertains to Grosse Tete and the entire parish,

NOW THEREFORE, be it resolved by the Council of the Village of Grosse Tete that the mayor and council does hereby adopt the overall Hazard Mitigation Plan Update dated April 2011.

THE VILLAGE OF GROSSE TETE BOARD OF ALDERMAN vote as follows:

YEAS: Alderman Richard David, Alderwoman Juanita Hill and Alderman Kyle Booksh

NAYS: None

Hence, unanimously passed and adopted by the Village of Grosse Tete Aldermen and Mayor.

Date: July 14, 2011 Signed: Michael Chauffe

Michael Chauffe, Mayor

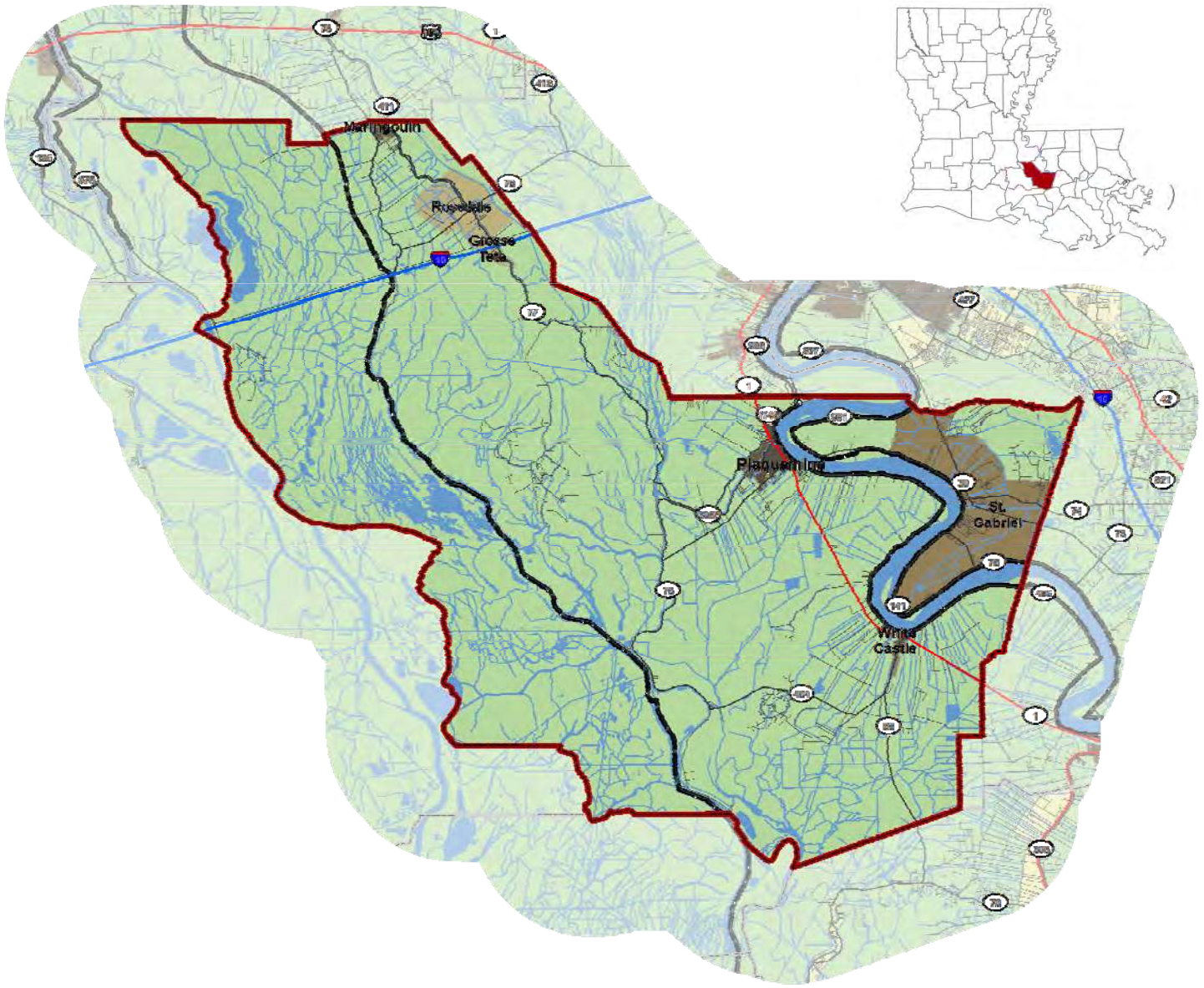
2.0 INTRODUCTION AND PARISH BACKGROUND

The information presented below is intended to give the reader (reviewer) a synopsis of Iberville Parish, Louisiana. With this background information, data provided herein may be more easily evaluated.

2.1 GEOGRAPHIC SETTING

Iberville Parish, Louisiana, is situated along the south central portion of Louisiana. To the east are East Baton Rouge and Ascension Parishes, to the west St. Martin Parish, to the south Assumption and Iberia Parishes, and to the north Pointe Coupee and West Baton Rouge Parishes. The map below shows the parish relative to its position in the state.

Iberville Parish Base Map



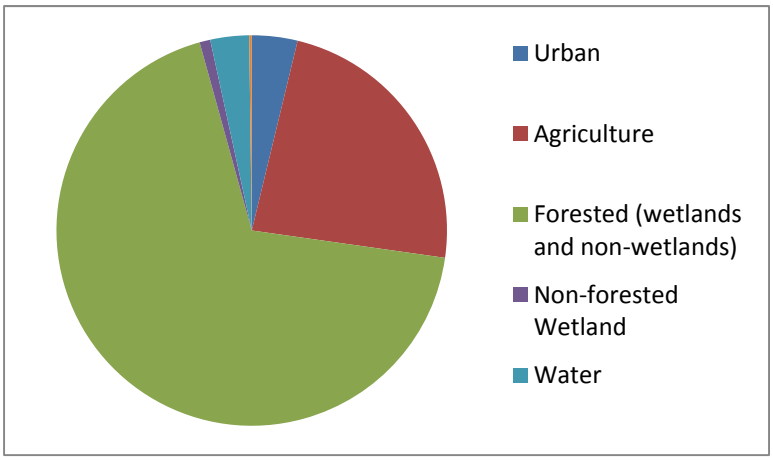
Noted in the image on the previous page are six municipalities which include, from north to south, Maringouin, Rosedale, Gross Tete, Plaquemine, St. Gabriel, and White Castle. Two levee systems exits within the parish—the easternmost along both sides of the Mississippi River and the westernmost on the western edge of the Atchafalaya Basin. The layouts of all levees in the parish are presented in the risk assessment section of this HMPU.

As a snapshot of the community, the following land use table is provided. Based upon this data, 27% of the parish is urbanized and/or under cultivation. The remaining area of the 431,247-acre parish is wetlands, water, or other.

Iberville Parish Land Use Data

Description	Acres	%
Urban	**15,810**	**3.8%**
Residential	*7,570*	*1.8%*
Commercial And Services	*1,351*	*0.3%*
Industrial	*4,634*	*1.1%*
Trans, Comm, Util	*1,366*	*0.3%*
Other Urban Or Built-Up	*889*	*0.2%*
Agriculture	**98,013**	**23.5%**
Forested (wetlands and non-wetlands)	**286,043**	**68.5%**
Forested Wetland	*137,892*	*33.0%*
Deciduous Forest Land	*148,151*	*35.5%*
Non-forested Wetland	**3,720**	**0.9%**
Water	**13,395**	**3.2%**
Other	**871**	**0.2%**
TOTAL	**431,247**	**100%**

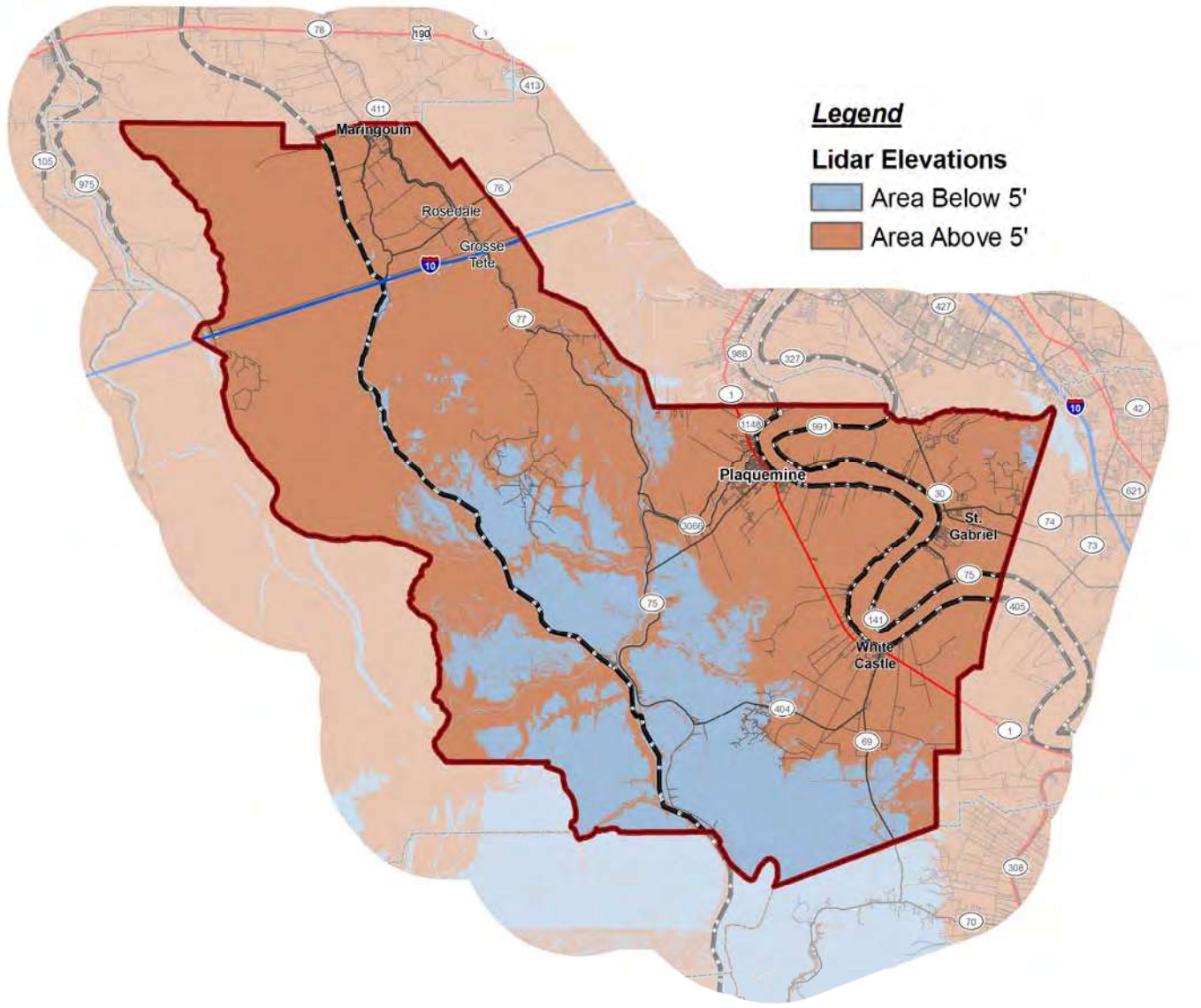
Land use data is based on information provided by Louisiana State University's Atlas Website. The pie chart to follow provides a visual image of major land use/land cover in the parish.



2.2 PHYSICAL PARAMETERS

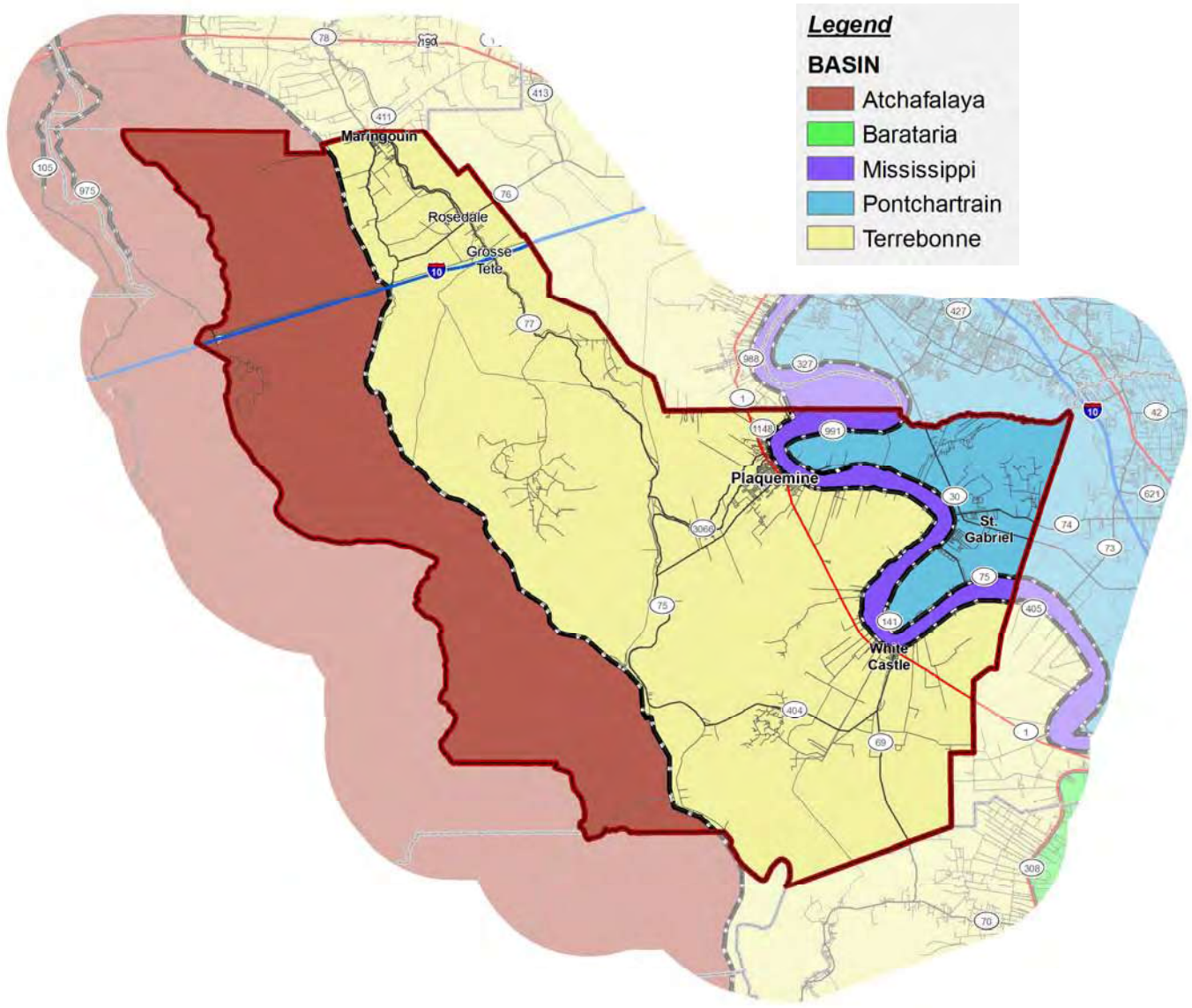
Iberville Parish has a large portion of its land located above coastal storm surge inundation elevations yet its topography is relatively flat. In the south eastern portion of the parish, land is 14-20 feet above sea level along the Mississippi river banks, sloping gradually down to five feet and lower away from the river and toward backwater swamp areas. Going north, the elevation begins to rise again, reaching 16 feet in the northern portion of the parish. The only extensive lowland area is in the east-southeast sector which borders the eastern Atchafalaya River Levee.

Iberville Parish LIDAR Map



As depicted in the map below, land east of the Mississippi River drains to the Ponchartrain Basin. Land west of the east Atchafalaya Basin Levee that traverses the parish drain through the Atchafalaya Basin. The central portion of the parish, including the municipalities of Maringouin, Rosedale, Gross Tete, Plaquemine, and White Castle, drain through the Terrebonne Basin southward to the Gulf of Mexico.

Iberville Parish Drainage Basins Map



2.3 SOCIOECONOMIC FACTORS

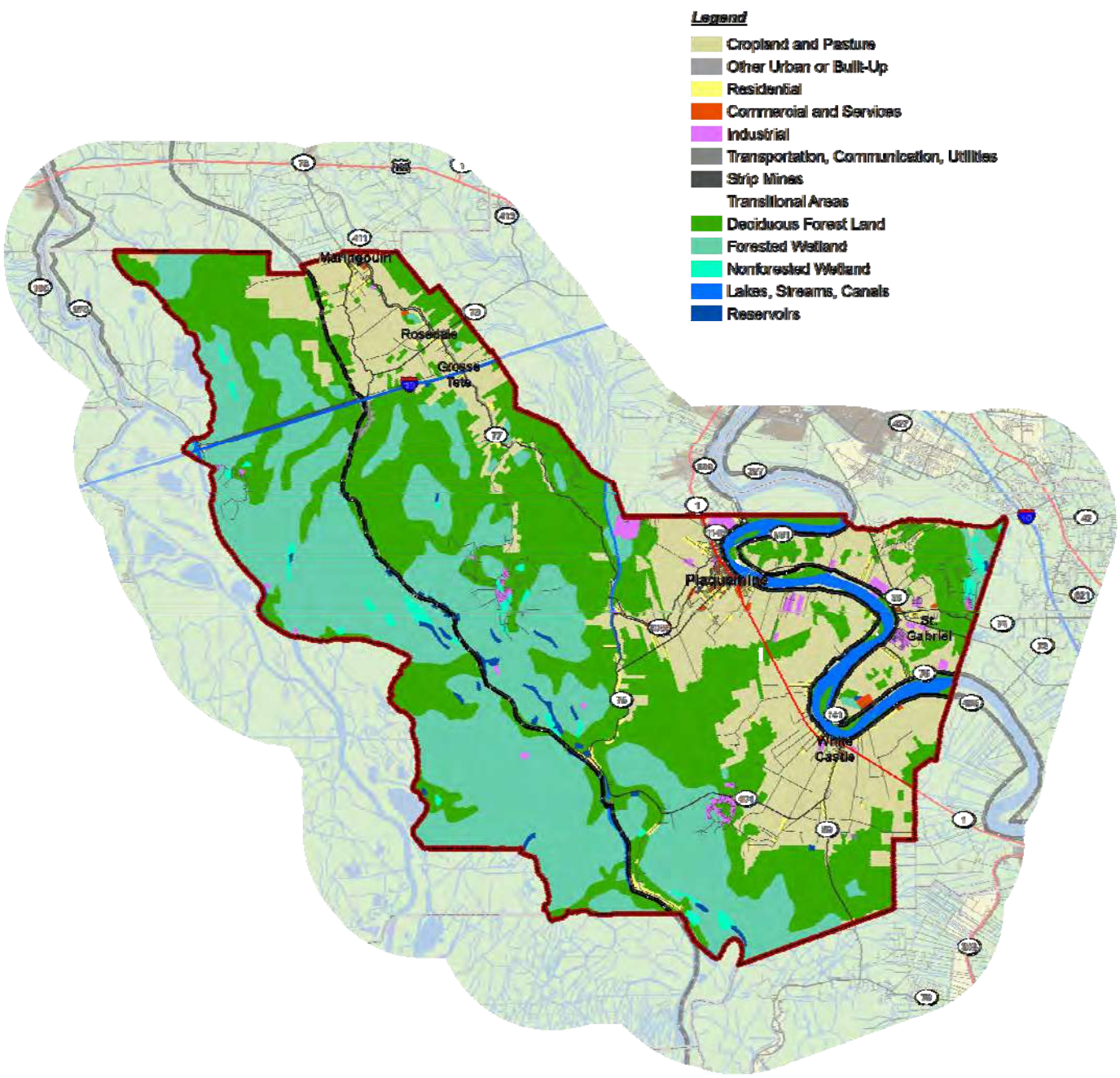
Based upon 2006-2008 census estimates, the most prevalent industries in Iberville Parish are construction, manufacturing, retail trade, professional, and educational, which compose over 50% of the labor force. The following table offers a breakdown of the overall economy based upon employment.

Employment by Industry	**Number**	**%**
Agriculture, forestry, fishing and hunting, and mining	254	1.9%
Construction	1,811	13.6%
Manufacturing	2,204	16.6%
Wholesale trade	161	1.2%
Retail trade	1,445	10.9%
Transportation and warehousing, and utilities	631	4.7%
Information	165	1.2%
Finance, insurance, real estate, and rental and leasing	753	5.7%
Professional, scientific, management, administrative, and waste management services	1,418	10.6%
Educational, health and social services	2,200	16.5%
Arts, entertainment, recreation, accommodation and food services	977	7.3%
Other services (except public administration)	330	2.5%
Public administration	966	7.3%
Total	**13,315**	**100%**

The population of the parish in 2000 was 33,320. The U.S. Census Bureau estimates that the parish's 2006 population was 32,604, which represents an almost 1% decrease from 2000.

The population is distributed such that the heaviest concentration of people and most urbanized areas in the City of Plaquemine and the surrounding area. The map below shows existing land use as it relates to the community's geography and socioeconomic setting.

Iberville Parish Land Use Map



3.0 §201.6 (b) THE PLANNING PROCESS

§201.6 (b) Planning Process—An open public involvement process is essential to the development of an effective plan. To develop a more comprehensive approach to reducing the effects of natural disasters, the planning process shall include the following:

3.1 §201.6 (b)(1) An opportunity for the public to comment on the plan during the drafting stage and prior to plan approval;

Several methods were incorporated into the planning process to allow and to encourage public comment on the plan during the drafting stage and prior to plan approval. For example, public notices were published to notify interested citizenry of the plan review and to obtain citizen input. Details of all public meetings of the HMPU committee are presented in the attachment portion of Section IV [201.6 (c)(1)] which follows in the next Section.

3.2 §201.6 (b)(2) An opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process;

Local and regional agencies were directly involved in the planning process by way of their participation on the HMPU committee. These parties included the parish director of the office of homeland security and emergency preparedness, the mayors of the municipalities, and key operations personnel from various departments of the municipalities and the parish. Non-profits, agencies, businesses, academia, neighboring communities, and other interested parties were also provided the opportunity to participate via the public notices. A list of HMPU committee members is provided as attachment c1-1 in the attachments portion of Section IV.

3.3 §201.6 (b)(3) Review and incorporation, if appropriate, of existing plans, studies, reports, and technical information.

Existing plans, studies, and technical information were incorporated in the planning process. Examples include the State Hazard Mitigation Plan, flood data from FEMA, the U. S. Army Corps of Engineers, and the U. S. Geological Survey. Much of this data was incorporated into the risk assessment component of the plan relative to plotting historical events and the magnitude of damages that occurred.

Additionally, the applicable portions of the following plans and project lists were incorporated into the HMPU:

- Iberville Parish Strategic Plan (2003)
- Iberville Parish Community Master Plan (2005)
- Iberville Parish Hazard Mitigation Plan (2006)
- CDBG Gustav/Ike Recovery Funds Project List (2010)

4.0 §201.6 (c) PLAN CONTENT

4.1 §201.6 (c)(1) Documentation of the planning process used to develop the plan including (a) how it was prepared, (b) who was involved in the process, and (c) how the public was involved.

4.1.1 How it was prepared…

Iberville Parish has developed this update to its parishwide Hazard Mitigation Plan (2006) which included the six incorporated communities in the parish, and the entirety of the unincorporated area. As noted previously, the municipalities are Grosse Tete, Maringouin, Rosedale, Plaquemine, White Castle, and St. Gabriel.

A HMPU Committee was created to assist in the planning process. The structure of that committee is detailed in the following section (b). The planning process used is a combination of the procedure spelled out in CFR §201.6, workshop manuals, and how-to guidelines. These guidelines, which were presented to the committee in a series of open to the public meetings, are followed throughout the plan update process. Goals of the HMPU Committee included incorporating new data, especially that from Hurricanes Rita, Katrina, Gustav, and Ike, updating risk and vulnerability assessments, and updating mitigation goals and action items.

4.1.2 Who was involved in the process…

A hazard mitigation planning team, referred to as HMPU Committee throughout this plan, was formed and consisted of representatives from throughout the parish. Members were selected from each of the municipalities, the Iberville Parish Council, the Iberville Parish Government administration, police and fire departments, and the parish and municipal public works departments. Additionally, non-profits, representatives of the business community, economic development agencies, neighboring communities, academia, consulting engineers, and other interested parties were invited to be involved via the same public notices placed to encourage the public to participate. (See Attachment c1-1, page 1, for a list noting the makeup of the HMPU Committee).

During the initial phases of the planning process, the HMPU committee served as the community's link to the planning process. Because of the broad range of expertise and geographic distribution, the task force provided an open and public forum for input, feedback, and plan review. Each municipality contributed to each section of the HMPU. Many of the committee members reported back to their respective boards about the HMPU planning process allowing for broader public input.

4.1.3 How the public was involved

The general citizenry was represented by the broad range of geographical diversification and the professional knowledge of the planning committee as well as by notification to the newspaper during the planning term. A public notice was published in the *Post South*, the Parish's official journal, prior to every HMPU Committee Meeting.

Undoubtedly, the most important element of the public planning process was the HMPU Committee Meetings. The meetings were open to the public and occurred three times over a year timeframe. Summaries of the meetings are presented below. A summary of the attendees is presented as Attachment c1-2 on pages 3 and 4.

MEETING No. 1—June 3, 2010

A kick-off meeting was held in the Iberville Parish Council Meeting Room on June 3, 2010. A copy of the public notice, sign in sheet, and meeting summary notes are presented as Attachments c1-3.1A-C (pages 4-9). This meeting included a presentation which introduced the Hazard Mitigation Planning concept, an overview of the proposed local hazard mitigation planning process in Iberville Parish, and a review of the former hazard mitigation plan. The committee also discussed the revised federal approach to hazard mitigation planning and the projected planning schedule. During the risk assessment portion of the meeting, hazards were reviewed from the previous planning effort and confirmed. The most prevalent hazards to the community identified were hurricanes, flooding, levee failure, coastal/tropical storms, tornadoes, and human-caused hazards such as terrorism and hazardous materials. This list was used throughout the mitigation planning process for hazard profiling and mitigation measures. Details regarding the process of risk assessment are presented in section §201.6 (c)(2).

MEETING No. 2—August 12, 2010

A second meeting was held in the Iberville Council Meeting Room on August 12, 2010. A copy of the public notice, sign in sheet, and meeting summary notes are provided in Attachments c1-3.2A-C, respectively (pages 10-14). Since the first meeting, data had been collected relative to major hurricanes and flood events that impacted the parish. Data was obtained from the USGS and U. S. Army Corps of Engineers (USACE) internet sites, and HAZUS. The compiled maps were presented to and reviewed by the HMPU Committee. These maps included critical hazard event profile maps. The maps presented are displayed in the risk assessment portion of this plan (Part c2). All risk assessment data and maps compiled since the beginning of the project was also presented to the committee. The parish's hazard mitigation goals were reviewed and the addition of addressing repetitive loss structures was recommended. The preliminary project list was reviewed by municipality and additional projects were added. The eligibility of all projects was discussed.

MEETING No. 3—December 16, 2010

A third meeting was held in the Iberville Council Meeting Room on December 16, 2010. A copy of the proof of advertisement, sign-in sheet, and meeting notes are presented as Attachments c1-3.3A through c1-3.3C on pages 15-18 at the end of this section. Topics discussed include a past meeting review and the draft plan update.

4.2 §201.6 (c)(2) A risk assessment that provides factual basis for activities proposed in the strategy to reduce losses from identified hazards. Local risk assessments must provide sufficient information to enable the jurisdiction to identify and prioritize appropriate mitigation actions to reduce losses from identified hazards.

The Iberville Parish Hazard Mitigation Plan Risk Assessment is outlined below. Attachments for this section are presented at the end of the section. The section is divided in components parts including **§201.6 (c)(2)(i), §201.6 (c)(2)(ii), §201.6 (c)(2)(ii)(A), §201.6 (c)(2)(ii)(B), and §201.6 (c)(2)(ii)(C),**

The risk assessment shall include the following:

4.2.1 §201.6 (c)(2)(i) A description of the type, location, and extent of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazards events.

A vast amount of readily available statistical and mapped data was used to define each of the hazard events presented in this section. Of significant importance was the flood level indications provided by federal sources.

IDENTIFY HAZARDS

A full range of potential hazards was extensively researched and assessed from sources such as historical newspaper accounts, internet websites, government officials, current DFIRMS, NOAA data, members of the Iberville Parish HMPU Committee, USACE Gauge Data, and USGS Gauge Data. The table below is a summary of the NOAA recorded events, property and crop damage estimates, average events per year, and damage per event.

NOAA Climate Data--1960 to 2010							
Event Type	Number of Events	Property Damage [1]	Crop Damage [1]	Average Events/Year	Annual Probability	Average Damage/Event	Average Damage/Event /Year
Cold/Freeze	4	$7,200,000	$70,000,000	0.08	8%	$19,300,000	$1,544,000
Drought	3	$0	$158,400,000	0.06	6%	$52,800,000	$3,168,000
Flash Flood	5	$320,000	$0	0.10	10%	$64,000	$6,400
Flood	7	$9,263,000	$0	0.14	14%	$1,323,286	$185,260
Funnel Cloud	2	$0	$0	0.04	4%	$0	$0
Hail	23	$0	$0	0.46	46%	$0	$0
Heavy Rain	1	$0	$0	0.02	2%	$0	$0
High Wind	1	$2,000	$0	0.02	2%	$2,000	$40
Hurricane/Tropical Storm	6	$17,104,324,000	$0	0.12	12%	$2,850,720,667	$342,086,480
Winter Storm	1	$0	$0	0.02	2%	$0	$0
Lightning	4	$115,000	$0	0.08	8%	$28,750	$2,300
Snow	1	$0	$0	0.02	2%	$0	$0
Storm Surge	1	$9,400,000	$0	0.02	2%	$9,400,000	$188,000
Thunderstorm Wind	71	$241,000	$0	1.42	142%	$3,394	$4,820
Tornado	12	$2,878,000	$0	0.24	24%	$239,833	$57,560
Totals	**142**	**$17,133,743,000**	**$228,400,000**	**2.84**	**284%**	**$20,661,140**	**$58,677,639**

Note (1): Damages are reported for the entire affected area and are not necessarily limited to Iberville Parish

During the hazard mitigation kick off meeting held on June 3, 2010, committee members reviewed hazards covered in the original hazard mitigation plan (2006). The group then reached consensus on the most prevalent hazards in the community.

Avalanche

There are no recorded avalanche events occurring in the parish.

Coastal Erosion

Iberville Parish does not have a coastline

Dam Failure

No dams exist in Iberville Parish.

Drought

Drought is not a concern in Iberville Parish as depicted in the NOAA table above. Only 3 recorded events were noted in the last 50 years, and no anticipated drought related mitigation issues were noted in Iberville Parish.

Earthquake

No recorded earthquake events have occurred in Iberville Parish.

Expansive Soils

The HMPU Committee felt that the soils issue in the parish is not of a magnitude to be addressed as a prevalent hazard for purposes of this plan.

Extreme Heat

The HMPU Committee felt that the hazard is not of a magnitude to be addressed as a prevalent hazard for the purposes of this plan.

Flood

Flooding concerns are addressed as the major hazard issue in the parish, and, as such, are detailed throughout this HMPU.

Hail Storm

Although included in the last Hazard Mitigation Plan, the committee concurred that hail storms will not be of further consideration for the purposes of this plan because the damages incurred per event and frequency are not significant.

Hurricane/Coastal (Tropical) Storms

During the planning session, "coastal storm" was regarded as similar to hurricanes, and therefore considered redundant. Both are prevalent hazards with similar impacts. For purposes of this report, both are considered, with hurricanes being the more serious of the two.

Based upon historical events, coastal storms (referred to locally as tropical storms or tropical depressions) are often the cause of heavy rainfall events with less wind than hurricanes. The heaviest rainfall in recent history resulted from tropical depressions. While hurricanes often contribute heavy rain, it is the sustained wind damage that has caused the most damage to the region, such as that which occurred with Hurricane Andrew. For these reasons, tropical storm data was incorporated into the planning process in combined analysis with historical hurricane evaluations.

Hurricane hazards are a primary concern regarding flooding from both stormwater events and backwater flooding. Wind damage is also of major concern. Stormwater and backwater issues are addressed as flood concerns.

Land Subsidence

As during the last plan, the HMPU Committee did not feel that land subsidence was enough of an issue within Iberville Parish to warrant detailing in this plan.

Landslide

No recorded landslide events have occurred in Iberville Parish and will not be of further consideration for the purposes of this HMPU.

Levee Failure

Levee failure was discussed as a significant hazard as levees protect most of the eastern portion of Iberville Parish from flooding.

Severe Winter Storm

Because severe winter storms are so seldom in southern Louisiana, impacts were not considered prevalent nor applicable to this planning effort.

Thunderstorms/Lightning

Thunderstorms and lightning have occurred in the parish and will occur in the future. However, because events are so frequent and damages so minimal, the HMPU Committee concluded that addressing mitigation measures related to these hazards should not be considered for the purposes of this HMPU.

Tornado

Tornadoes are a function of high winds, and mitigation steps to reduce damages are being incorporated into the HMPU. As the entire parish is vulnerable to tornado damage, the hazard will be profiled for the purposes of this planning effort.

Tsunami

Tsunami events have never been noted in Iberville Parish and will not be of further consideration for the purposes of this HMPU.

Volcano

No volcanoes exist in Iberville Parish and will not be of further consideration for the purposes of this HMPU.

Wildfire

No wildfire events of significance have been recorded in Iberville Parish and will not be of further consideration for the purposes of this HMPU.

PREVALENT HAZARDS TO THE COMMUNITY

Although many of the hazards in the previous section occur in the parish, it was determined to focus attention and resources on the most prevalent hazards which include the following:

- Hurricanes/Tropical Storms
- Levee failure
- Flooding
- Tornadoes
- Human-caused Hazards

This list was compiled by HMPU Committee members in meeting no. 1 and the former Hazard Mitigation Plan (2006). For analysis purposes, the impacts of the critical and prevalent hazards are summarized as follows:

- Wind damage resulting from hurricanes, tropical storms, and tornadoes
- Flooding from riverine sources, stormwater, tropical storms, and hurricanes in the following forms:
    - riverine

- stormwater (rain fall)
- back water flooding

- Levee failure resulting from extreme flood events
- Hazardous Materials releases and terrorist acts resulting from human-caused sources

Because of the proximity of the parish in south Louisiana, the entire planning region is highly prone to hurricanes and coastal (tropical) storms. The parish has a history of damage linked to hurricanes and coastal (tropical) storms that have occurred in the past. Six major hurricane events traced back to 1960 have caused great damage to the parish. Major flood damage as a standalone hazard caused damage twelve additional times. Additionally, wind damage is of utmost concern. With Hurricane Andrew in 1992, for example, wind damage was the cause of a great portion of hurricane induced destruction. As such, hurricanes and the resultant wind and flooding damage were designated as a significant hazard to the community. More detailed examples are noted in Attachments c2-6 through c2-8 (pages 29-31).

The issue of flooding was discussed in detail and Committee members determined that it is the most prevalent and the most frequent hazard to the parish. They also determined that it should be listed into three sub-categories: riverine, backwater, and storm water. By separating the types of flooding into these three categories, the parish was able to identify specific portions of the parish prone to each type of flooding or hazard event. This approach proved valid in defining both the varying causes of flooding hazards and in determining vulnerability.

4.2.2 §201.6 (c)(2)(ii) A description of the jurisdiction's vulnerability to the hazards described in paragraph (c)(2)(i) of this section. This description shall include an overall summary of each hazard and its impact on the community.

A general description of specific events and their overall impact to the community is addressed in the following section. A detailed analysis of buildings, infrastructure, values, etc. follows in later sections (c)(2)(ii)(A and B).

HAZARD VULNERABILITY

A PROFILE of HAZARD EVENTS and HAZARD IMPACTS

As discussed in section §201.6 (c)(2)(i) above, hurricanes, coastal (tropical) storms, levee failure, flooding, tornadoes and human-caused hazards were identified as the prevalent hazards to Iberville Parish. A wind map is presented as Attachment c2-9 (page 32). Each of the most significant hazard events was profiled and mapped. A base map was created with linked data (ArcView 9.2) collected from USGS topographic maps, Digital Orthophoto Quarter Quads, aerial photography, and state maps. The base map is displayed in Attachment c2-1 at the end of this section (page 19).

Flood data was obtained from the internet FEMA Map Service Center at *www.fema.gov*. The 100-year floodplain map is displayed in Attachment c2-2 at the end of this section. Hurricane data was collected from historical newspaper documents, Louisiana State University Library archives, and internet research with particular focus on USGS and Corps of Engineers monitoring sites, and historical data.

FLOODING

Storm water

Storm water excesses caused by large amounts of rainfall (also called heavy rain and flash flooding) in a short period of time occur frequently in Iberville Parish. Topography, poor drainage, and an extensive levee system mean that storm water cannot flow out of many areas of the parish and need to be pumped out. Generally, the most damaging storm water events are a function of a tropical storms and hurricanes. For example, the worst storm water event on record was associated with Tropical Storm Allison on June 5, 2001. By June 8th, many locations had received 10 to 18 inches of rain. Periods of torrential rain overwhelmed local drainage and created severe ponding of water which flooded numerous roadways and low-lying areas, leaving many houses and some businesses flooded. Another round of heavy rainfall developed on June 10 as the remnant circulation of Tropical Storm Allison moved over southeast Louisiana and intensified. By the end of the event on June 11th, a reported total of 15 to 25 inches was common with some locations reporting up to 30 inches of rain. Due to the multiple passes of the Tropical Storm, Allison's inundation is looked at as the worst case scenario storm water event.

Backwater flooding

Backwater flooding is normally associated with riverine flooding and connotes minimal velocity. All low lying areas are at risk. A heavy rainfall event coupled with a swollen river, canal, or bayou hinders drainage outflow causing backwater flooding.

Riverine

Riverine flooding, by definition, is river based. Most of the riverine flooding problems occur when the Atchafalaya River's high water levels impede the drainage of other smaller bayous and canals.

The entire planning area of the parish is vulnerable to some sort of flood. Historical flood events are listed in the table to follow.

Iberville Parish Historical Flood Events
1960-Present

Date	Time	Type	Deaths	Injuries	Property Damage
1/20/1993	11:00 AM	Flash Flood	0	0	$0
11/2/1995	7:00 PM	Urban Flood	0	0	$20,000
3/5/1997	6:00 AM	Flood	0	0	$0
4/1/1997	12:00 AM	Flood	0	0	$693,000
4/27/1997	9:00 AM	Flash Flood	0	0	$20,000
6/17/1997	9:00 AM	Flash Flood	0	0	$150,000
7/9/1997	1:00 PM	Urban/Small Stream Flood	0	0	$0
1/6/1998	11:00 PM	Urban/Small Stream Flood	0	0	$0
6/6/2001	2:30 PM	Flash Flood	0	0	$150,000
6/7/2001	1:00 PM	Flood	0	0	$150,000
6/7/2001	6:00 AM	Flood	0	0	$8,400,000
12/30/2006	10:30 AM	Flash Flood	0	0	$0
		Totals	**0**	**0**	**$9,583,000**

HURRICANE and TROPICAL STORM CRITICAL EVENTS

The entire geographic area of Iberville Parish has been and will be affected by hurricanes and coastal (tropical) storms. Numerous hurricanes and coastal (tropical) storms have impacted the study area. A table summarizing these instances is noted in this section. Information includes dates, names, impact to the area, and dollar damage estimates. The most extreme examples of these hazard events to impact Iberville Parish are presented in text following the table beginning in 1965 with Hurricane Betsy.

While much of the hazard impact of hurricanes is focused on flooding issues, wind is as much a concern to residents and property owners. While wind was not listed as a hazard in the how-to guide *per se*, it is a major impact of hurricane damage and is therefore addressed as a hazard impact.

Saffir-Simpson Hurricane Scale

Category	Wind speed mph (km/h)	Storm surge ft (m)
5	≥156 (≥250)	>18 (>5.5)
4	131–155 (210–249)	13–18 (4.0–5.5)
3	111–130 (178–209)	9–12 (2.7–3.7)
2	96–110 (154–177)	6–8 (1.8–2.4)
1	74–95 (119–153)	4–5 (1.2–1.5)
Additional classifications		
Tropical storm	39–73 (63–117)	0–3 (0–0.9)
Tropical depression	0–38 (0–62)	0 (0)

The **Saffir-Simpson Hurricane Scale** is a classification used for Western Hemisphere tropical cyclones that exceed the intensities of tropical depressions and tropical storms. Hurricanes are divided into five categories distinguished by the intensities of their sustained winds. In order to be classified as a hurricane, a tropical cyclone must have maximum sustained winds of at least 74 mph (33 m/s; 64 kt; 119 km/h). The highest classification in the scale, Category 5, is reserved for storms with winds exceeding 155 mph (69 m/s; 136 kt; 249 km/h). Wind speed is the determining factor in the scale, because storm surge values are highly dependent on the slope of the continental shelf and the shape of the coastline, in the landfall region. All winds are using the U.S. 1-minute average.

Classifications measure the potential damage and flooding a hurricane will cause upon landfall. The Saffir-Simpson Hurricane Scale is used solely to describe hurricanes forming in the Atlantic Ocean and northern Pacific Ocean east of the International Date Line. Other areas use different classification scales to label these storms, which are called "cyclones" or "typhoons", depending on the area. All levels of hurricanes as described on the Saffir-Simpson Hurricane Scale (Categories 1-5) may possibly hit the entire planning area in Iberville Parish.

Iberville Parish Presidentially Declared Storm Events (1965-Present)

Year	Disaster Recovery #	Storm Name	Impact	Damage (Billions)
1965	208	Hurricane Betsy	Hurricane	$21.9
1971	315	Hurricane Edith	Hurricane	$0.3
1973	374	Severe Storm and Flooding	Severe Storm and Flooding	N/A
1979	584	Severe Storms, Flooding	Severe Storms, Flooding	N/A
1980	616	Severe Storms and Flooding	Severe Storms and Flooding	N/A
1989	833	Severe Storms, Tornadoes	Severe Storms, Tornadoes	N/A
1989	835	Tropical Storm Allison	Tropical Storm	$1.0
1991	904	Flooding, Severe Storm, Tornado	Flooding, Severe Storm, Tornado	N/A
1992	956	Hurricane Andrew	Hurricane	$56.0
1993	978	Severe Storm and Flooding	Severe Storm and Flooding	N/A
1998	1246	Tropical Storm Frances and Hurricane George	Hurricane	$4.5
2001	1380	Tropical Storm Allison	Tropical Storm	$6.5
2002	1437	Hurricane Lili	Hurricane	$1.1
2004	1521	Severe Storms and Flooding	Severe Storm and Flooding	N/A
2004	1548	Hurricane Ivan	Hurricane	$15.5
2005	3212 & 1603	Hurricane Katrina	Hurricane and Emerg Dec	$81.0
2005	3260 & 1607	Hurricane Rita	Hurricane and Emerg Dec	$10.0
2008	3289 & 1786	Hurricane Gustav [2]	Hurricane and Emerg Dec	$10.0

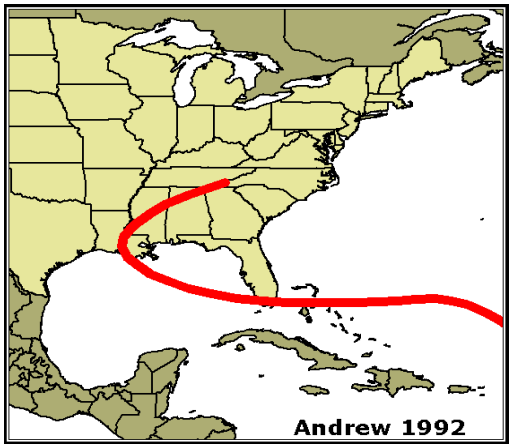
[1]Loss estimates for all affected areas, estimates in 2000 dollars
[2]Estimate from news reports
Source: Normalized Hurricane Damage in the United States: 1900-2005, R. Pielke, et. al.

Hurricane Betsy (1965)

Hurricane Betsy made landfall near the mouth of the Mississippi River in Louisiana on September 9, 1965. The hurricane was a Category 3 storm with maximum winds of 140 miles per hour recorded in Terrebonne Parish. The event caused wind and water damage to area homes and businesses parishwide. In addition, the area's agricultural crops (sugarcane) suffered significant losses. One fatality was reported.
The path of the storm is illustrated in the following graphic.

Hurricane Andrew (1992)

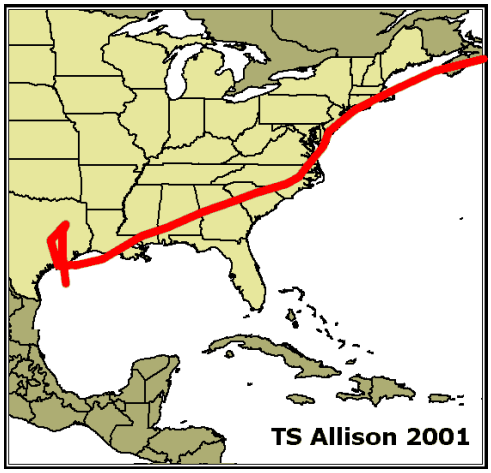
Hurricane Andrew came ashore August 26, 1992, as a Category 3 storm on a track that would guide it up the Atchafalaya River system. Damage caused by the storm was catastrophic with few structures in the parish spared of the storm's relentless winds. While the amount of storm water produced localized flooding, the wind also damaged a significant amount of property in Iberville Parish. Pre-Katrina, Andrew was most often referred to as the most expensive storm in U. S. history with damage totals nearing $55 billion. A Hurricane Andrew inundation map is shown in Attachment c2-6 (page 29) at the end of this section.



Tropical Storm Allison (2001)

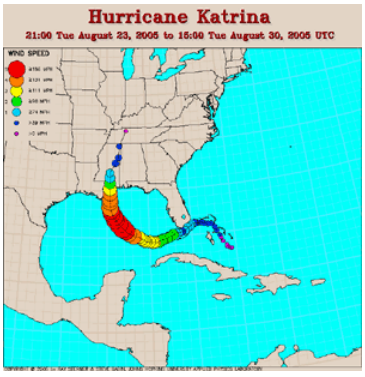
Tropical Storm Allison made landfall near Freeport, Texas, and slowly drifted to the east leaving a severely drenched Texas and Louisiana in its path. Areas of southern Louisiana received as much as 20" of rain over three days. Allison will be remembered as the costliest tropical storm in U.S. history with 41 deaths and a $6.5 billion price tag associated with the damage. Heavy rainfall caused flooding in several areas of the parish including Bayou Sorrel. By June 8th, many locations had received 10 to 18 inches of rain. Periods of torrential rain overwhelmed local drainage and created severe ponding of water which flooded numerous roadways and low-lying areas, leaving many houses and some businesses flooded. Another round of heavy rainfall developed on June 10 as the remnant circulation of Tropical Storm Allison moved over southeast Louisiana and intensified. By the end of the event on June 11th, a reported total of 15 to 25 inches was common with some locations reporting up to 30 inches of rain. Moderate to major river

flooding occurred on the lower portions of the Amite and Comite River Basins with the highest water levels observed since 1983. In the eastern section of Iberville Parish, flooding was widespread due to levee failures along Bayou Manchac, inundating roadways and homes. At least $300,000 in property damages were reported in Iberville Parish. No deaths or injuries were reported.



Hurricane Katrina (2005)

After crossing southern Florida, Hurricane Katrina made landfall for the second time at Grand Isle, Louisiana, on August 29, 2005, with winds speeds at 125 mph as a Category 4. As the picture below shows, Katrina was on a track along the southeastern Louisiana-Mississippi border. Flood damage in Iberville Parish was widespread in the southwestern and easternmost areas of the parish. According to the U.S. Department of Housing and Urban Development, 63% of homes in Louisiana were damaged or destroyed by wind. Hurricane Katrina was the most damaging natural disaster in U.S. history with approximately $81 billion dollars worth of damage. The Katrina inundation map is presented as Attachment c2-7 (page 30).

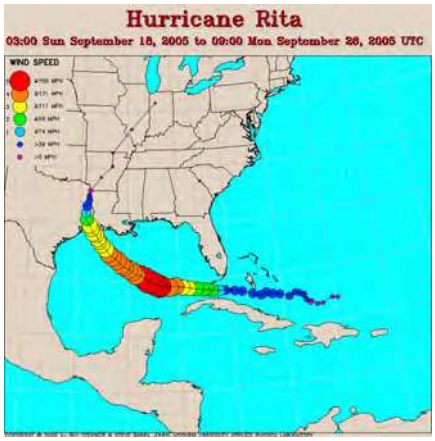


Source: NCDC, 2006

Hurricane Rita (2005)

Hurricane Rita made landfall on September 24, 2005, in Cameron Parish, Louisiana, as a Category 3 storm with sustained winds of 120 mph. As graphically depicted below, Rita

followed a path along the western Louisiana-Texas border and caused $10 billion in damage. Few deaths or injuries have been reported. Iberville Parish experienced little damage from Hurricane Rita.



Source: NCDC, 2006

Hurricanes Gustav and Ike (2008)

Hurricane Gustav made landfall on September 1, 2008, in Cocodrie, Louisiana, as a Category 2 storm. Gustav caused $4.3 billion in damage in the U.S. and 153 deaths were reported in both the Caribbean and U.S. Gustav inundated parts of Grosse Tete, the low-lying areas of the Atchafalaya Basin, as well as east of St. Gabriel. Hurricane Ike made landfall on September 13, 2008 in Galveston, Texas, as a Category 2 storm with sustained winds of 120 mph. Ike caused $24 billion in damage and killed 112 people. The sequence of both storms occurring within two weeks of each other caused additional damages in south Louisiana due to the high water from Gustav not having a chance to recede before Ike hit, thereby increasing the still water elevation at the time of Ike's landfall. The inundation map for Hurricane Gustav is presented in Attachment c2-8 on page 31. Iberville Parish did not experience much flooding during Hurricane Ike.

LEVEE FAILURE

The failure of a levee during any type of high water event would prove catastrophic to the parish, the magnitude of which would be dependent on the location of the break. In the event of a complete levee breach, over 90% of the parish would be inundated. A map depicting all public levees was presented previously as Attachment c2-1 on page 19. Most levees protecting urban areas were constructed by the U. S. Army Corps of Engineers following the devastating riverine flood of 1927. These levees are maintained by the USACE and/or Atchafalaya Basin Levee District and inspected annually by district and federal officials. No levee failures have occurred to date.

Levee failure is a major concern to the parish as depicted in maps presented as Attachments c2-12.1 through c2-12.7 (pages 41-47). The probability of any levee failing in any given year is under 1%. Potential inundation depths range from 1-20 feet, the most

extreme levels being in the southeastern areas of the parish. The extent of levee failure as portrayed in the aforementioned maps is as follows:

- Parishwide – Levee failure inundates all areas of the parish. Only a small portion south of Maringouin and east of Plaquemine are not flooded
- Grosse Tete – Over 90% of the municipality is flooded with depths ranging from 1 to 20 feet
- Maringouin – Approximately half of the Parish on the westernmost side is with inundation depths ranging from 1 to 10 feet
- Plaquemine – Over 75% of the municipality is flooded with inundation depths ranging from 1 to 20 feet
- Rosedale – Over 80% of the municipality is flooded with depths ranging from 1 to 20 feet
- St. Gabriel – 100% of the municipality is inundated with levels ranging from 1 to over 20 feet
- White Castle – Over 95% of the municipality is inundated with levels ranging from 1 to 15 feet

TORNADOES

A tornado is a violent windstorm characterized by a twisting, funnel-shaped cloud. It is spawned by a thunderstorm or sometimes as a result of a hurricane and produced when cool air overrides a layer of warm air, forcing the warm air to rise rapidly. Tornadoes often form in convective cells like that of thunderstorms or in the right forward quadrant of a hurricane, far from the hurricane eye. The damage from a tornado is the result of high wind speeds and wind-blown debris. Tornadoes can occur at any time of year. Tornado damage severity is measured by the Fujita Tornado Scale based on wind speed and described in the table to follow.

Fujita Tornado Measurement Scale		
Category	**Wind Speed**	**Examples of Possible Damage**
F0	Gale (40-72 mph)	Light damage. Some damage to chimneys; break branches of trees; push over shallow rooted tress; damage to sign boards
F1	Moderate (73-112 mph)	Moderate damage. Peel surface off roofs; mobil homes pushed off foundations or overturned; moving autos pushed off roads.
F2	Significant (113-157 mph)	Considerable damage. Roofs torn off frame houses; mobile homes demolished; boxcars pushed over; large trees snapped or uprooted; light-object missiles generated.
F3	Severe (158-206 mph)	Severe damage. Roofs and some walls torn off well constructed houses; trains overturned; most trees in forest uprooted; cars lifted off ground and thrown.
F4	Devastating (207-260 mph)	Devastating damage. Well-constructed houses leveled; structures with weak foundations blown off some distance; cars thrown and large missiles generated.
F5	Incredible (261-318 mph)	Incredible damage. Strong frame houses lifted off foundations and carried considerable distance to disintegrate; automobile sized missiles fly though air in excess of 100 yards; trees debarked; incredible phenomena will occur.

Source:
http://www.fema.gov/hazards/tornadoes
Note: These precise wind speed numbers are actually guesses and have never been scientifically verified. Different wind speeds may cause similar-looking damage from place to place even from building to building. Without a thorough engineering analysis of tornado damage in any event, the actual wind speeds needed to cause that damage are unknown.

Because of the unpredictability of tornado paths and the destruction of commonly used instruments, direct measurements of wind speeds have not been made in tornadoes. Wind speeds are judged from the intensity of damage to buildings.

High winds are capable of imposing large lateral (horizontal) and uplift (vertical) forces on buildings. Residential buildings can suffer extensive wind damage when they are improperly designed and constructed and when wind speeds exceed design levels. The effects of high winds on a building will depend on the following factors:

- Wind speed (sustained and gusts) and duration of high winds
- Height of building above ground
- Exposure or shielding of the building (by topography, vegetation, or other buildings) relative to wind direction
- Strength of the structural frame, connections, and envelope (walls and roof)
- Shape of building and building components
- Number, size, location, and strength of openings (windows, doors, vents)
- Presence and strength of shutters or opening protection
- Type, quantity, velocity of windborne debris

A tornado watch is issued to alert people to the possibility of a tornado developing in the area. Under a tornado watch, a tornado has not been seen but the conditions are very favorable for tornadoes to occur at any moment. Conditions favorable for a tornado to occur include:

- Dark greenish or orange-gray skies
- Large hail
- Large, dark, low-lying, rotating or funnel-shaped clouds
- A loud roar that is similar to a freight train

A tornado warning is issued when a tornado has actually been sighted or when Doppler radar identifies a distinctive "hook-shaped" area within a local partition of a thunderstorm line that is likely to form a tornado.

People who reside in mobile homes are most exposed to damage from tornadoes. Even if anchored, mobile homes do not withstand high wind speeds as well as permanent, site-built structures. The parish does not have a particular concentration of mobile homes or mobile home parks, they are evenly spaced throughout the parish and municipalities based on population. However, the Choctaw Mobile Home Park northeast of Plaquemine on Highway 1148 has the largest concentration of mobile homes in one area with over 240 spaces. In addition, older homes made of wood that were constructed prior to building codes are also at a higher risk of damage from hurricanes. Those older homes are also spread evenly throughout the parish. However, all of the 14,277 structures located in the planning area are vulnerable to damage from a tornado.

Iberville Parish is most vulnerable to the effects of tornadoes during severe coastal (tropical) storms and hurricanes. Some structural mitigation actions have been identified which will reduce damages caused by tornadoes; however, some wind mitigation actions identified under the hurricane hazard may lessen the effects of tornado-force winds. Climate data from the NOAA reports 12 tornadoes within Iberville Parish between the years 1962-2008 with an annual probability of 24% percent. A detailed list of tornadoes and the related damage is displayed to follow.

Iberville Parish Tornado History
1962-2010

Date	Time	Type	Magnitude	Death	Injuries	Property Damage
10/8/1962	6:30 PM	Tornado	F0	0	0	$3,000
5/1/1967	11:30 PM	Tornado	F2	0	1	$25,000
12/25/1969	6:45 AM	Tornado	F3	0	1	$25,000
9/16/1971	8:15 AM	Tornado	F1	0	0	$0
5/12/1972	10:45 AM	Tornado	F2	0	0	$25,000
6/8/1989	5:04 AM	Tornado	F2	2	30	$2,500,000
6/8/1989	6:00 AM	Tornado	F1	0	0	$25,000
8/26/1992	1:42 AM	Tornado	F1	0	0	$25,000
5/24/1997	9:15 AM	Tornado	F0	0	0	$20,000
6/9/2005	5:33 AM	Tornado	F1	0	0	$180,000
10/16/2006	2:35 AM	Tornado	F1	0	1	$50,000
6/19/2007	5:55 PM	Tornado	F0	0	0	$0
TOTAL				**2**	**33**	**$2,878,000**

Because tornadoes are so sporadic and have historically caused little damage throughout the parish, one can estimate that the average annual losses for a tornado would not exceed $75,000, based on historical probabilities from the NOAA in addition to current structural value estimates. For this reason, the committee agreed to assign the municipalities and the unincorporated area of Iberville Parish at a medium risk for tornadoes. All wind related mitigation can be found in Attachment c3-1 on page 65.

HUMAN-CAUSED HAZARDS

For the purpose of this plan, human-caused hazards are technological hazards and terrorism. These are distinct from natural hazards in that they originate from human activity. In contrast, while the risks presented by natural hazards may be increased or decreased as a result of human activity, they are not inherently human-induced.

Human-caused hazards are considered for mitigation actions because public input placed a high priority on human-caused hazards, specifically hazardous materials releases.

The term “technological hazard” refers to the origins of incidents that can arise from human activities such as the manufacture, transportation, storage, and use of hazardous materials. For the sake of simplicity, this guide assumes that technological emergencies are accidental and that their consequences are unintended.

The event types categorized as technological hazards are as follows:

- Industrial fixed facility accident
- Industrial transportation accident
- Failure of Supervisory Control and Data Acquisition system or other critical infrastructure component

Hazardous materials are chemical substances, which, if released or misused, can pose a threat to health, property, or the environment. These chemicals are used in industry, agriculture, medicine, research, and consumer goods. 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.

Hazardous materials accidents have occurred along transportation routes and in fixed facilities. Hazardous material events may be spills, fires, or explosions. Hazardous materials commodity flow reports provide hazardous materials information for major transportation routes and railroads. The Emergency Response Guidebook is used by first responders during the initial phase of a hazardous materials event. Fixed facilities are required to report hazardous materials they store at certain levels to State and local authorities on a Tier II Report on an annual basis. Many fixed facilities store extremely hazardous substances and some are required to have a community emergency plan. The community emergency plans will indicate emergency response actions that should take place if an event occurs.

The Environmental Protection Agency's List of Lists provides a chart that shows the requirements for reporting and planning for a hazardous materials accident. The List of Lists chart also contains information about reportable quantities of hazardous materials that must be reported to the National Response Center and to State and local authorities as mandated by State and local laws. Federal, State, and local laws may also require additional reporting for specific materials not found in the List of Lists or for specific situations. One of the most common situations that meet these additional reporting requirements is spills into waterways or spills that threaten waterways.

Finally there are uncategorized events such as spills, fires, or explosions that could escalate into a major release. These events are usually characterized by accidents that require some action to be taken to return to normal operations, such as a train derailment that requires the recovery of tank cars that contain hazardous materials. In addition to a recovery plan and a site safety plan, emergency officials should consider a precautionary evacuation or other protective action by the public prior to the recovery operation because the likelihood of an accident will be increased while recovering the tank cars. Hence, public officials should evaluate possible consequences. The areas of greatest risk in Iberville Parish are the industrial areas noted on the land use map presented as Attachment c2-3 on page 21.

Hazardous materials incidents are releases of a hazardous substance along transportation routes and in fixed facilities. Hazardous material events may be spills, fires, or explosions. Sabotage and malicious destruction are deliberate acts or results of an event

rising from ill will or hatred that causes disruption, damage or destruction of property and appears to wish evil to others.

In recent years, it has become increasingly difficult to differentiate acts of terrorism from acts of vandalism, especially as the level of activity undertaken by animal rights and environmental extremists has grown in intensity and scope. The FBI has traditionally applied a conservative interpretation of the U.S. Code when designating acts as either terrorist incidents or suspected terrorist incidents. While the uniform application of this standard has provided an accurate and consistent picture of the terrorist threat confronting the United States throughout the past several decades, it has also meant that some activities committed by extremists and investigated by the FBI have not been formally designated as terrorism. The totality of the extremist threat to communities around the nation and to the United States in general, however, includes such activities as the after-hours firebombing of U.S. Forest Ranger stations, the setting of small-scale arson fires at retail establishments, and the unlawful release of animals from farms and research laboratories.

The risk assessment process was developed using data from past hazard events, existing and future land use data, HAZUS, FEMA flood maps, and FEMA repetitive loss structures. The land use map used for this purpose is displayed in the Attachment c2-3 on page 21 following this section.

Once all data was compiled and mapped, a final risk assessment map of three separate assessment methodologies was created as a composite. Of the data that could be mapped, flooding was the dominant concern. High winds, or in this case the winds generated by hurricanes and tornadoes, are also a parishwide concern. Levee failure is also a concern to the entire planning area.

The three individual risk assessment analyses are the (1) 100-year flood plain based on DFIRMs and the data included therewith, (2) risk assessment based on past storm events, and (3) FEMA repetitive loss structures. Composite risk assessment maps are displayed as Attachments c2-11.1 through c2-11.7 (pages 34-40) at the end of this section. Hypothetical levee failure maps are displayed as Attachments c2-12.1 through c2-12.7 (pages 41-47). A summary of the approach utilized in each independent map of the composite series is noted below.

100-Year Flood Plain—FEMA DFIRMs

The 100-year flood plain map was developed using FEMA data and GIS software. Since a majority of the parish is within the 100-year flood plain, this mapped data was used in evaluation of the parish that is prone to present and future flooding damage. This map depicts which areas of the parish are vulnerable to a 100-year flood regardless of land use and with no regard for the source or type of flooding. A map of the 100-year flood plain is displayed as Attachment c2-2 (page 20) at the end of this section.

Risk Assessment Based on Past Storm Events

The second risk assessment technique utilized in the preparation of this HMPU is based upon past storm events. This approach was developed using data such as specific flood elevations from major past hazard events. The events and data captured to create this image are as follows: Hurricane Andrew (1992), Hurricane Katrina (2005), and Hurricane Gustav (2008).

The approach and methodology was found to be useful in determining what specific areas and land uses of the parish are vulnerable to hazards (primarily flooding) and which specific types of flooding are generating or creating that vulnerability. The past storm event assessment maps are displayed in Attachments c2-6 through c2-8 at the end of this section (pages 29-31).

Levee Failure

The third risk assessment technique utilized in the preparation of this HMPU was based on hypothetical levee failure. High water levels from USACE gauge data as well as USGS gauge data were used to establish theoretical elevation for flood waters that would inundate the areas if the levees were to fail. The inundation area was interpreted with LIDAR to produce water depth levels. The levee failure map is presented as Attachment c2-12.1 (page 41).

FEMA Repetitive Loss Structures

The third independent vulnerability assessment mapping task was based on the FEMA repetitive loss structures inventory. According to GOHSEP's 2009 data, Iberville Parish has a total of 63 repetitive loss structures (both residential and commercial), 1 of which is on the FEMA Severe Repetitive Loss list. A Severe Repetitive Loss is defined as a residential property with at least four National Flood Insurance Program (NFIP) payments over $5,000 and the cumulative amount exceeds $20,000 or at least two separate claims payments have been made with the total payments exceeding the market value of the building (FEMA 2004). This data was useful in (a) determining which residential and commercial properties have been damaged as a result of past hazard events and (b) in focusing on specific losses and groups of losses, especially when common causes were apparent. The FEMA repetitive loss structure map is displayed as Attachment c2-2 on page 20. According to FEMA's most recent repetitive loss data (2010), Iberville Parish contains 51 repetitive loss structures and the City of Plaquemine contains 1.

The final Iberville Parish Risk Assessment Map is a composite of the four mapped data sets outlined above. Composite risk assessment maps are displayed as Attachments c2-11.1 through c2-11.7 (pages 34-40) at the end of this section.

As noted in Attachment c2-2, the majority of the parish is within the 100-year flood zone as defined by FEMA. When comparing this data to actual flood event data, the land

comprising the highest elevation along the Mississippi River is readily discernable. This layered combination shows the vulnerable areas in the parish.

Even with the magnitude of technical data used, the most accurate and objective data inventoried was that of specific repetitive losses. As previously stated, the parish has 63 repetitive loss structures that are dispersed throughout the inhabited areas of the parish.

4.2.2.1 §201.6 (c)(2)(ii)(A) The plan should describe vulnerability in terms of the types and numbers of existing and future buildings, infrastructure, and critical facilities located on the identified hazard areas;

A general list of assets that could be damaged by a hazard event was developed and mapped using GIS software. This list was collected from sources including local government officials and HAZUS following the guidelines prepared for HMPU preparation. Details and results of that process are noted below.

WORKSHEET #3A
Composite Flood Risk
Inventory of Assets for Entire Parish

Worksheet #3A (Attachment c2-13.1 on page 48) provides a general overview of the assets of the parish as a whole. While collecting and researching the data within this table, several information sources were utilized including HAZUS, mapped data from parish, and state mapping sources. For this worksheet and supporting tabular data, a combination of the 100-year flood plain and the past storm event risk assessment map coverage area was used as the hazard area for the entire parish. In the determination of hazard area percentages, a census tract map from HAZUS was overlaid onto the 100-year flood plain and risk assessment maps.

A total of 14,277 structures in the parish with an estimated value of $1,798,454,000 was noted. An estimated 4,041 of these with a value of $537,085,000 are in the hazard area. The total of the residential population within Iberville Parish is 33,280, and 11,577 of these are in the hazard area.

Residential

The residential classification of Iberville Parish is the largest building group within the parish. Data indicates 13,323 structures (dwelling units) with an estimated value of $1,363,900,000. Of these buildings, 29% are located in the hazard area with an estimated value of $448,240,000.

Commercial

Commercial buildings number 608 in the parish. The estimated value of these buildings is $217,239,000, and 18% of the buildings are located in the hazard area with an estimated value of $39,629,000.

Industrial

The industrial classification of the parish consists of 436 buildings with an estimated value of $221,127,000. Of the buildings noted, approximately 29% are in the hazard area with an estimated value of $34,793,000.

Agricultural
In the agricultural class, 44 buildings exist with an estimated value of $5,552,000. Of these, approximately 41% are in the hazard area and have an estimated value of $2,257,000.

Government
Within the government classification, 40 buildings and facilities were identified. 8% of the buildings are in a hazard area. The structures have an estimated value of $23,735,000, $1,971,000 of which are located in the hazard area.

Schools
Schools number 23 in the parish. The estimated value of these buildings is $15,461,000, and 16% of the buildings are located in the hazard area with an estimated value of $2,517,000.

Religious/Non-Profit
Religious/Non-Profit buildings number 96 in the parish. The estimated value of these buildings is $53,074,000, and 14% of the buildings are located in the hazard area with an estimated value of $7,678,000.

The following additional iterations of Worksheet 3A are represented as Attachments c2-13.1 through c2-13.8 (pages 48-55):

- Levee Failure and Hurricane Risk Assessments for the Entire Parish
- Flood, Levee Failure, and Hurricane Risk Assessments

    - Grosse Tete
    - Maringouin
    - Plaquemine
    - Rosedale
    - St. Gabriel
    - White Castle
    - Unincorporated Areas of Iberville Parish

CRITICAL FACILITIES IN THE PARISH

A detailed list of critical facilities for the entire parish is present in Attachment c2-14 (pages 57 and 57). This information was gathered from sources including HAZUS and interviews with Iberville Parish government officials. After the list of critical facilities for the entire parish was completed, the HMPU Committee reviewed the list and made the necessary changes. The critical facility maps are displayed in Attachments c2-4.1 through c2-4.6 (pages 22-27) at the end of this section.

CRITICAL FACILITIES WITHIN THE HAZARD AREA

A list of critical facilities within the hazard area was compiled to identify areas truly at risk. As with critical facilities in the parish, the definition of the hazard area was based on risk assessment determined as a function of past storm events in combination with the FEMA 100-year flood plain. All identified facilities within these areas were compiled into a second critical facilities list as seen in Attachment c2-15 (pages 58-59) at the end of this section.

WORKSHEET 4

Using the aforementioned critical facilities list, HAZUS replacement value data, GIS models, and input from HMPU Committee members, FEMA Worksheet 4 loss estimates were compiled (as presented in attachments c2-17.1 through c2-17.3, pages 62-64) for hypothetical levee failure, hurricanes, and composite risk flood events.

Using historical high water marks, the respective areas were inundated and the critical facilities flood levels noted. The flood levels were then compared to FEMA damage estimate models for structure percent damaged, contents loss, and function loss, to come up with a total loss estimate for the parish critical facilities in each event.

The total estimated losses were $758 million for the composite risk area, $239 million for hurricanes, and $3.7 billion for levee failure. Detailed cost estimates for each critical facility can be found in Attachments c2-17.1-17.3, pages 62-64.

4.2.2.2 §201.6 (c)(2)(ii)(B) An estimate of the potential dollar losses to vulnerable structures identified in paragraph (c)(2)(i)(a) of this section and a description of the methodology used to prepare the estimate;

The HMPU Committee planning team used GIS software, HAZUS, interviews with parish officials, and historical data to estimate the potential dollar losses if the parish was to experience a flooding event. The vulnerable structures and facilities were identified earlier in section §201.6 (c)(2)(ii)(A). As seen in Attachment c2-16 (pages 61-62) at the end of this section, 63 repetitive loss structures exists within Iberville Parish, and 1 is on the Severe Repetitive Loss List. As noted previously, all FEMA repetitive loss data was gathered from GOHSEP and FEMA Region IV.

The repetitive loss structures map is displayed in Attachment c2-10 (page 33). Repetitive loss structures are also depicted on all risk assessment maps (Attachments c2-11.1 through c2-11.7). The HMPU depicts loss estimates and cost estimates utilizing the guidelines in the FEMA document *Understanding Your Risks: Identifying Hazards and Estimating Losses*. Information such as function loss, displacement days, function use, and capacity do not apply to residential properties. Therefore, the FEMA average claimed loss value was used in estimating losses for residential structures. The estimated losses are as follows:

- **FEMA repetitive loss structures (Residential Properties):** $1,300,000 total losses with a total average insurance pay of $20,369 per event.

FLOOD INSURANCE AND THE COMMUNITY RATING SYSTEM

Iberville Parish participates in the National Flood Insurance Program (NFIP) but does not participate in the Community Rating System (CRS). New flood insurance rate maps were not issued following Hurricanes Katrina and Rita as they were in many parishes throughout Louisiana. The table to follow provides details regarding NFIP participation.

NFIP Participation in Iberville Parish

CID	Community Name	Initial FHBM Identified	Initial FIRM Identified	Current Effective Map Date	Reg-Emer Date	Tribal
220083	Iberville Parish	10/18/74	6/1/78	8/5/91	6/1/78	No
220084	Village of Grosse Tete	1/25/74	3/1/78	3/1/78	3/1/78	No
220085	Town of Maringouin	4/12/74	N/A	NSFHA	9/1/81	No
220086	City of Plaquemine	4/12/74	N/A	NSFHA	08/26/77	No
220087	Village of Rosedale	12/7/73	2/15/78	2/26/80	2/15/78	No
220402	Town of St. Gabriel	N/A	8/5/91	1/1/50	7/12/01	No
220088	Town of White Castle	9/7/73	N/A	NSFHA	12/16/77	No

This information was obtained from FEMA's Community Status Book – www.fema.gov/cis/LA.html
NSFHA—No Special Flood Hazard Area

4.2.2.3 §201.6 (c)(2)(ii)(C) Providing a general description of land uses and development trends within the community so that mitigation options can be considered in future land use decisions.

A detailed description of land use data is provided in the first section of this report in the section entitled "Introduction." Physical and cultural aspects of the parish including land use and the economy were noted. The text below focuses on future land use and its bearing on this Hazard Mitigation Plan.

From 1990 to 2000, the parish population increased from 31,049 to 32,505, a 4.6% increase. With this in mind, it is anticipated that with a projected slow rise in residential growth will come an increased demand for recreational opportunities, business growth, and economic diversity. The population center includes the municipality of Plaquemine and the surrounding area. As noted in the introductory section of this HMPU, most of the communities in Iberville Parish are located on the highest land in the parish, areas that are not typically flood prone. However, as more impervious surfaces are constructed, runoff rates will increase and drainage capacity will need to be managed in order to

accommodate growth and drainage patterns in these areas. All new construction will conform to the International Building Code requirements adopted by the state in 2006.

Other urban land use has shown little growth in the past two decades. Therefore, little by way of mitigation options is necessary. Nonetheless, based upon the past several decades of parish development and the management of that development, the Iberville Parish Government is very much aware of state and federal mandates regarding flood zone management, and protecting the valuable wetland.

4.2.2.4 §201.6 (c)(2)(iii) For multi-jurisdictional plans, the risk assessment section must assess each jurisdiction's risks where they vary from the risks facing the entire planning area.

To ensure parishwide coverage of hazard planning, each municipality of the parish participated in the creation of the HMPU. As noted previously, elected officials, representatives of pertinent public works departments, and representatives of the general public from each community participated in the planning process.

As noted previously, the parish encompasses six incorporated municipalities: Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, and White Castle. Each town or city includes its own independent governing authority by way of elected officials including a mayor and city council. The risk assessment included each municipality as well as all unincorporated communities of the parish. Information provided below focuses on those communities. Similar to the parish plan, the communities are subjected to the same type of hazards as identified heretofore.

Grosse Tete
The village of Grosse Tete is located in the north western section of Iberville Parish. No repetitive loss structures reside within the municipal limits. According to the hypothetical levee failure risk assessment, 100% of the village would be vulnerable to catastrophic levee failure. A map of the risk area for levee failure can be located in Attachment c2-12.2 on page 42. Over 95% is outside of the 100-year floodplain, however according to the composite risk assessment, 25% of the village would be vulnerable to some sort of flooding in the event of a worst-case scenario storm. A map of the composite risk assessment for Grosse Tete can be located in Attachments c2-11.2 on page 35.

Maringouin
The town of Maringouin is located in the north western portion of Iberville Parish. No repetitive loss structures reside within the town limits. A portion of the town is in the 100-year floodplain, however there are no structures in that area. A map of the composite risk assessment for Maringouin can be located in Attachment c2-11.3 on page 36. According to the hypothetical levee failure risk assessment, over half of the town would be vulnerable to flooding in the event of a levee breach. A map of the risk area for levee failure can be located in Attachment c2-12.3 on page 43.

Plaquemine
The city of Plaquemine is located in the central section of Iberville Parish. One repetitive loss structure resides in the city limits and no areas of the city lie within the 100-year floodplain. A map of the composite risk assessment for Plaquemine can be located in Attachment c2-11.4 on page 37. According to the hypothetical levee failure risk assessment, over 80% of the city would be vulnerable to flooding in the event of a levee breach. A map of the risk area for levee failure can be located in Attachment c2-12.4 on page 44.

Rosedale
The village of Rosedale is located in the north western section of Iberville Parish. No repetitive loss structures reside within the village limits. According to the hypothetical levee failure risk assessment, more than 90% of the village would be vulnerable to catastrophic levee failure. A map of the risk area for levee failure can be located in Attachment c2-12.5 on page 45. Approximately 80% of Rosedale is outside of the 100-year floodplain, however according to the composite risk assessment, about 40% the village would be vulnerable to some sort of flooding in the event of a worst-case scenario storm. A map of the composite risk assessment for Rosedale can be located in Attachments c2-11.5 on page 38.

St. Gabriel
The city of St. Gabriel is located on the east bank of the Mississippi River. No repetitive loss structures reside within the city limits. Approximately 10% of the city is in the 100-year floodplain. A map of the composite risk assessment for St. Gabriel can be located in Attachment c2-11.6 on page 39. According to the hypothetical levee failure risk assessment, over 95% of the town would be vulnerable to flooding in the event of a levee breach. A map of the risk area for levee failure can be located in Attachment c2-12.6 on page 46.

White Castle
The town of White Castle is located in the south eastern section of Iberville Parish. No repetitive loss structures reside in the town limits and the no section of the town lies within the 100-year floodplain. A map of the composite risk assessment for White Castle can be located in Attachment c2-11.7 on page 40. According to the hypothetical levee failure risk assessment, the entire town would be vulnerable to flooding in the event of a levee breach. A map of the risk area for levee failure can be located in Attachment c2-12.7 on page 47.

Unincorporated Areas in Iberville Parish
Iberville Parish is located within the Atchafalaya, Barataria, Mississippi, and Ponchartrain Basins. Approximately eighty percent of the parish lies within the 100-year floodplain and the unincorporated area contains 62 repetitive loss structures. Maps of the composite risk and levee failure risk assessments for the parish can be located in Attachments c2-11.1 and c2-12.1 on pages 34 and 41.

Due to the geographic and manmade features of Iberville Parish, the risk associated with each type of hazard event differs based on any given locale within the parish. To assess the varying levels of risk, a summary table is provided to follow that establishes the various levels of risk across each incorporated and unincorporated area of the parish.

Multi-jurisdictional Risk Assessment for Hazard Events in Iberville Parish

	Area						
Hazard Event	**Grosse Tete**	**Maringouin**	**Plaquemine**	**Rosedale**	**St. Gabriel**	**White Castle**	**Unincorporated**
Avalanche	NR	NR	NR	NR	NR	NR	NR
Coastal Erosion	NR	NR	NR	NR	NR	NR	NR
Coastal (Tropical) Storm	High	High	High	High	High	High	High
Levee (Dam) Failure	High	High	High	High	High	High	High
Drought	Low	Low	Low	Low	Low	Low	Low
Earthquake	NR	NR	NR	NR	NR	NR	NR
Expansive Soil	Low	Low	Low	Low	Low	Low	Low
Extreme Heat	Low	Low	Low	Low	Low	Low	Low
Flood	High	High	High	High	High	High	High
Hail Storm	Low	Low	Low	Low	Low	Low	Low
Hurricane	High	High	High	High	High	High	High
Land Subsidence	Low	Low	Low	Low	Low	Low	Low
Landslide	NR	NR	NR	NR	NR	NR	NR
Severe Winter Storm	Low	Low	Low	Low	Low	Low	Low
Tornado	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Tsunami	NR	NR	NR	NR	NR	NR	NR
Volcano	NR	NR	NR	NR	NR	NR	NR
Wildfire	Low	Low	Low	Low	Low	Low	Low
NR=No Hazard Events Historically Recorded							
N/A=Not Applicable							
High=These hazards have historically and repetitively impacted the parish or jurisdiction and have the greatest probability to directly cause damage to property and infrastructure							
Medium=These hazards have some potential to cause damage to property or infrastructure, but have not significantly affected the jurisdiction							
Low=The HMPU Committee defined low risk hazards as those least likely to affect the parish or jurisdiction							

As previously established in Section 201.6(c) (2) (ii) of this HMPU, flooding associated with various storm events (hurricanes and coastal storms) represent a major risk for the entire planning area. The effects of historical storm events and the 100-year flood plain have been combined to create a composite risk map. Several versions of the map were created to provide sufficient detail and to illustrate what areas of the parish are at risk. The maps represent each municipality and the unincorporated areas of Iberville Parish and are included as Attachments c2-11.1 – c2-11.7.

In addition, various iterations of the previously described Worksheet #3A have been created to provide risk assessments for flood events, levee failure, and hurricanes within these different areas of the parish. The information presented in the worksheets represents estimates intended to provide a general overview of the number and value of structure types located in each jurisdiction of the parish and the proportion located within the hazard area of each jurisdiction. As described earlier in this section, the data illustrating highest hazard vulnerability is reported in the summary table. For additional detail, refer to the worksheets included as Attachments c2-13.1 – c2-13.8 on pages 48-55.

5.0 §201.6 (c)(3) HAZARD MITIGATION STRATEGIES

§201.6 (c)(3) ….A *mitigation strategy* that provides the jurisdiction's blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools. This section shall include the following:

Information presented below provides documentation in conformance with sections (c)(3)(i, ii, iii, and iv) relative to mitigation strategies evaluated for hazards identified in Iberville Parish, Louisiana.

5.1 §201.6 (c)(3)(i) A description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

The Iberville Parish Hazard Mitigation Plan Update Committee reviewed and analyzed the risk assessment evaluation performed for the parish as well as goals reflective of that risk assessment. Goals and action items were determined to be those that would have the greatest benefit in reducing or eliminating hazard damage to the parish. The evaluation criteria used in determining these goals and action items (STAPLEE) are as follows:

- **Social**—Is the mitigation strategy socially acceptable?
- **Technical**—Is the proposed action technically feasible and cost effective? Does it provide the appropriate level of protection?
- **Administrative**—Does the parish have the capability to implement the action? Is the lead agency capable of carrying out oversight of the project?
- **Political**—Is the mitigation action politically acceptable?
- **Legal**—Does the parish have the authority to implement the proposed measure?
- **Economic**—Does the economic base, protected growth and opportunity costs justify the mitigation project?
- **Environmental**—Does the proposed action meet statutory considerations and public desire for sustainable and environmentally healthy communities?

After vigorous review of each goal from the original Hazard Mitigation Plan (2006), the committee established a consensus on the validity of the goals by the second meeting; therefore, the goals remained unchanged. The goals to reduce or avoid long-term vulnerabilities to the identified hazards are listed below:

Goal 1:
Reduce flood losses within Iberville Parish

Goal 2:
Increase disaster resistance of Parish and municipal facilities and infrastructure

Goal 3:
Ensure that new construction is hazard resistant and does not lead to increased hazard risk or exacerbate effects of hazards

Goal 4:
Identify, introduce, and implement cost effective hazard mitigation measures so as to accomplish parish goals and objectives and to raise both awareness and acceptance of hazard mitigation generally

5.2 §201.6 (c)(3)(ii) The mitigation strategy shall include a section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

The Iberville Parish HMPU Committee identified several projects that would reduce and/or prevent future damage. In that effort, the group focused on a comprehensive range of specific mitigation actions and projects. These actions and projects were identified in thorough fashion by the consultant team and committee by way of frequent and open communications and meetings held throughout the planning process. A more detailed breakdown of individual locations of projects can be located in Attachment c3-1.

The established and agreed upon objectives and actions relative to the established goals are as follows:

- Goal 1: Reduce flood losses within Iberville Parish
    - **Objective 1.1:** Increase public awareness of National Flood Insurance Program (NFIP) in all incorporated and unincorporated areas of the parish
        Action 1.1.1: Attain Community Rating System (CRS) status for unincorporated areas of Iberville Parish and within the municipalities
            - Timeframe: Ongoing
            - Funding: local

- Staff: Existing designated full-time personnel in parish and municipal governments
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 1.1.2: Implement a public awareness campaign to inform and educate residents on flood insurance following flood events

- Timeframe: Ongoing
- Funding: local
- Staff: Existing designated full-time personnel in parish and municipal governments
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

- **Objective 1.2:** Decrease structure and infrastructure vulnerability to flood losses within the 1% annual chance flood zone (Flood Zone A)

Action 1.2.1: Encourage adherence to building codes and construction standards for new construction parish-wide specific to wind and flood-related hazards through incentive program and also introduce new codes to protect new buildings and infrastructure

- Timeframe: 1-5 years
- Funding: local and regional
- Staff: Existing municipal and parish administration
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 1.2.2: Develop a local levee maintenance program for levees that are not under the jurisdiction of the USACE, Ponchartrain Levee Board, or Atchafalaya Levee Board jurisdiction to prevent levee failure on the local level

- Timeframe: 1 year
- Funding: local and regional
- Staff: Public Works and Rosedale employees
- Jurisdiction: Parish, Rosedale

Action 1.2.3: Complete a drainage study of Iberville Parish to determine areas that have greater risk from stormwater flooding and poor drainage

- Timeframe: 1 year
- Funding: local and regional
- Staff: Parish Engineer, Municipal Engineers, Engineering Consultant
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

- **Objective 1.3:** Mitigate all repetitive loss structures in Iberville Parish

Action 1.3.1: Elevate, acquire, or pilot reconstruct all repetitive and severe repetitive losses in the unincorporated areas and the

municipalities that would inundate in the event of a flood or levee failure event

- Timeframe: 1-5 years, as funding permits
- Funding: HMGP
- Staff: Existing municipal staff and parish administration
- Jurisdiction: Parish, Plaquemine

- **Objective 1.4:** Ensure adequate stormwater drainage in both the parish and municipalities

  Action 1.4.1: Clear and dredge Bayou Plaquemine, Bayou Breaux, White Castle Canal, and Merrell Canal

  - Timeframe: 1-10 years, as funding permits
  - Funding: Local, regional, and federal
  - Staff: Existing municipal and parish administration
  - Jurisdiction: Parish, Plaquemine, St. Gabriel, White Castle

  Action 1.4.2: Line drainage canals with concrete and/or widen to ensure proper conveyance of stormwater, including Tircuit Canal, Price Street Canal, Hwy 933 Ditch, Church Street, and Bowie Street Ditch

  - Timeframe: 1-5 years, as funding permits
  - Funding: HMGP, local, and regional
  - Staff: Existing parish administration and municipal personnel
  - Jurisdiction: Parish, Maringouin, Plaquemine, St. Gabriel, White Castle

  Action 1.4.3: Upgrade culverts to ensure proper conveyance of stormwater, including along Jake Lane, Besson Lane, St. Francis Street, Agusta Culverts, Angelloz Subdivision, and Shady Lane Canal

  - Timeframe: 1-5 years, as funding permits
  - Funding: HMGP, local, and regional
  - Staff: Existing parish administration and municipal personnel
  - Jurisdiction: Parish, Grosse Tete, Rosedale, St. Gabriel, White Castle

  Action 1.4.4: Install new pump stations to improve conveyance of stormwater including at Hwy 386, Bayou Blue, Bayou Pigeon, Hwy 77 between Grosse Tete and Plaquemine, Carville, Sunshine Sewer Plant

  - Timeframe: 1-5 years, as funding permits
  - Funding: HMGP, local, and regional
  - Staff: Existing parish administration and municipal personnel
  - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 1.4.5: Dig new drainage canals including those at Griffland Terrace in Rosedale

- Timeframe: 1-5 years, as funding permits
- Funding: local and regional
- Staff: Existing parish administration and municipal personnel
- Jurisdiction: Parish and Rosedale

- Goal 2: Increase disaster resistance of Parish and Municipal Facilities and Infrastructure

  - **Objective 2.1:** Maintain physical security of parish and municipal facilities

    Action 2.1.1: Assess current security procedures for all structures and infrastructure identified on the Critical Facility List

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: Sheriff's Office, OHSEP, LEPC
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 2.1.2: Identify problems and security gaps for all structures and infrastructure identified on the Critical Facility List

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: Sheriff's Office, OHSEP, LEPC
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle
    - Action 2.1.3: Acquire all-hazard warning system to ensure proper citizen notification of tornadoes, levee failure, hurricanes, and coastal/tropical storms
    - Timeframe: 1-5 years, as funding permits
    - Funding: HMGP, local, and regional
    - Staff: Existing designated full-time personnel in Parish Administration
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

  - **Objective 2.2:** Identify structural weaknesses in critical facilities and infrastructure

    Action 2.2.1: Review critical facilities and hazard categories and then assess structural need or necessary upgrades to make Parish facilities and infrastructure more hazard resistant

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: Sheriff's Office, OHSEP, LEPC

- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 2.2.2: Develop and update a parish-wide GIS database that incorporates Parish infrastructure, critical facilities, land use, and hazard zones, and provide annual updates of the database

- Timeframe: Ongoing
- Funding: No additional funds required
- Staff: Sheriff's Office, OHSEP, LEPC
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

- **Objective 2.3:** Protect parish and municipal infrastructure from hurricane/coastal/tropical storm events and tornadoes

Action 2.3.1: Construct Safe Rooms

- Timeframe: 1-5 years, as funding permits
- Funding: HMGP
- Staff: Parish and Municipal administrative staff
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 2.3.2: Wind harden critical facilities

- Timeframe: 1-5 years, as funding permits
- Funding: HMGP
- Staff: Parish and Municipal administrative staff
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 2.3.3: Wind Retrofit Critical Facilities using window film, screen, or shutters

- Timeframe: 1-5 years, as funding permits
- Funding: HMGP
- Staff: Parish and Municipal administrative staff
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

- **Objective 2.4:** Ensure uninterrupted power during and immediately following hurricane/coastal/tropical storm events and tornadoes

Action 2.4.1: Purchase generators for critical facilities

- Timeframe: 1-5 years, as funding permits
- Funding: HMGP
- Staff: Parish and municipal administrative staff
- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

Action 2.4.2: Construct backup power plants

- Timeframe: 1-5 years, as funding permits
- Funding: local, state, and federal funds
- Staff: Municipal administrative staff
- Jurisdiction: Plaquemine

- Goal 3: Ensure that new construction is hazard resistant and does not lead to increased hazard risk or exacerbate effects of hazards

  - **Objective 3.1:** Improve land use and construction regulations in the unincorporated areas of the parish and municipalities

    Action 3.1.1: Develop a comprehensive floodplain management plan
    - Timeframe: 1-5 years, as funding permits
    - Funding: Federal grants, Parish funds
    - Staff: Existing municipal and parish administration
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 3.1.2: Adopt a "No Adverse Impact" approach to floodplain management
    - Timeframe: 1-5 years, as funding permits
    - Funding: No additional funds required
    - Staff: Existing municipal and parish administration
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 3.1.3: Enforce the International Building Code requirements for all new construction to strengthen buildings against high wind damage
    - Timeframe: Ongoing
    - Funding: Not additional funds required
    - Staff: One current full-time member of the parish and each municipality
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

  - **Objective 3.2:** Implement minor structural flood control projects

    Action 3.2.1: Improve current drainage systems in the municipalities and the unincorporated areas of the parish
    - Timeframe: 1-5 years, as funding permits
    - Funding: HMGP, state, local, other federal funds
    - Staff: Existing municipal and parish administration
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 3.2.2: Evaluate and improve local levee systems
    - Timeframe: 3-5 years, as funding permits
    - Funding: State, local, federal funds
    - Staff: Existing municipal and parish administration
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

- Goal 4: Identify, introduce, and implement cost effective hazard mitigation measures to accomplish parish goals and objectives and to raise awareness and acceptance of hazard mitigation.

  - **Objective 4.1:** Establish a hazard mitigation public outreach program

    Action 4.1.1: Add hazard mitigation section to parish emergency guidebook

    - Timeframe: 1 year
    - Funding: No additional funds required
    - Staff: OHSEP
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 4.1.2: Arrange and hold hazard mitigation workshops for homeowners

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: Parish Grant Consultants
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

  - **Objective 4.2**: Increase participation in the National and State public outreach and hazard risk reduction programs

    Action 4.2.1: Attain "Storm-Ready" status through the national weather service

    - Timeframe: 1 year
    - Funding: No additional funds required
    - Staff: OHSEP
    - Jurisdiction: Parish

  - **Objective 4.3:** Continue to identify and solicit funding opportunities through grant programs at the state and federal level

    Action 4.3.1: Maintain and foster communications with the Governor's Office of Homeland Security and Emergency Preparedness

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: OHSEP and Municipal Governments
    - Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

    Action 4.3.2: Examine Federal funding opportunities at conferences, workshops, and following disasters or hazard events

    - Timeframe: Ongoing
    - Funding: No additional funds required
    - Staff: All Parish and Municipal staff

- Jurisdiction: Parish, Grosse Tete, Maringouin, Plaquemine, Rosedale, St. Gabriel, White Castle

The action items listed above are a direct reflection of action items from the last Hazard Mitigation Plan (2006). All new objectives and action items were inserted following the original numbered objectives and action items from the last plan and no action items from the original plan were deleted.

5.3 §201.6 (c)(3)(iii) …shall include an action plan describing how the actions identified in section (c)(3)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefit review of the proposed projects and their associated costs.

The HMPU Committee has identified several hazard mitigation projects to be included. Most of the projects from the original plan were not eligible for HMGP funding, but those that were carried forward to project prioritization. The project list reviewed for prioritization also included consideration of repetitive loss (RL) and severe repetitive loss (SRL) properties in the incorporated and unincorporated areas of the parish. The prioritization process as listed below was completed in 2009 during Iberville Parish's Hazard Mitigation Plan Amendment (HMPA) process and did not warrant an update according to the committee.

Prioritization

The parish's mitigation consultants, The Shaw Group (Shaw), assisted the HMPA Committee in reviewing and evaluating the potential project list. Consideration was given to a variety of factors including a project's eligibility for federal mitigation grants and its ability to be funded. This process required evaluation of each project's engineering feasibility, cost effectiveness, and environmental and cultural factors.

The STAPLEE method was recommended by GOHSEP and was incorporated by the HMPA Committee to evaluate and eventually prioritize the projects contained in this section. The Committee reviewed each project's eligibility with each of the following STAPLEE criteria: Social, Technological, Administrative, Political, Legal, Economic and Environmental. Prior to ranking each project, Shaw led the Steering Committee in a detailed review of the STAPLEE criteria and ranking factors to ensure consistent understanding and fair use of the evaluation standards by Committee members. STAPLEE criteria were used to evaluate projects by ensuring each project conformed to each criteria. For numerous reasons, the STAPLEE ranking criteria did not effectively prioritize the Iberville Parish Project list. The STAPLEE criteria were used to eliminate projects that were not

feasible. The projects with the highest local priority were then selected for scoping.

Implementation and Administration

The projects selected for scoping and of the highest local priority are as follows:

- Wind Hardening – Sheriff's Station in Maringouin
- Wind Hardening – Rosedale Town Hall
- Drainage Improvement – Price Street Canal Area I
- Drainage Improvement – Price Street Canal Area II
- Drainage Improvement – Price Street Canal Area III
- Drainage Improvement – Price Street Canal Area IV
- Drainage Improvement – Besson Lane Culvert Upgrades
- Drainage Improvement – Church Street Canal Upgrade

The project scoping summary reports have been prepared (as presented in separate deliverable) to serve as supporting information to assist Iberville Parish with future HMGP applications. The scoping process involved completing the following tasks for each aforementioned project:

- Project Scoping Summary Report
- Project Location Diagrams
- Feasibility Analysis
- Preliminary Design and Engineering
- Cost Estimate and Project Schedule
- Environmental/Cultural Resource Consideration
- Benefit-Cost Analysis

Each project will be financed by future HMGP funds as grant funding permits. Parish government will be responsible for selecting and pursuing all funding opportunities under HMGP for the aforementioned projects as the authorized agent for the municipalities. A summary of each scoped project can be found below.

Wind Hardening – Sheriff's Substation in Maringouin

The building listed above currently does not have any wind protection on the windows or doors to protect the employees and contents within during a storm event. The structure

listed above is operational during said events and is not currently protected to do so. The Sheriff's Substation in Maringouin is a one story brick building.

The proposed project will include the installation of HanitaTek window film on all windows and glass doors of the building. Wind hardening the building will reduce future damage from high winds, health and safety risks, clean-up costs, and displacement time. Damages to this building could cause a disruption of service to the citizens of Iberville Parish that are crucial to recovery operations being conducted after a hazard event.

The parish proposes to upgrade the existing windows and glass doors of the building installing 48" wide HanitaTek SafetyZone 12 mil Security Film for (1) 5.5'x2.1', (3) 1.3'x4', (2) 6.5'x4', (2) 6.7'x1.2', (1) 5.4'x1.2', (2) 5.4'x1.2', (1) 4.7'x1.2', (1) 3'x1.2', (1) 4.7'x1.2', (2) 5.4'x1.2', and (1) 2.4'x1.2' windows. The installation would also entail the sealing the window film at the edges with caulk to ensure the most protection for the windows.

Wind Hardening – Rosedale Town Hall

The building listed above currently does not have any wind protection on the windows or doors to protect the employees and contents within during a storm event. The town hall is a brick on slab structure and has one floor.

The proposed project will include wind hardening the building with the installation of hurricane protective shutters for some of the buildings windows, and HanitaTek 48" window film will be used for the remaining windows and glass doors. Wind hardening the building will reduce future damage from high winds, health and safety risks, clean-up costs, and displacement time. Damages to this building could cause a disruption of service to the citizens of Iberville Parish that are crucial to recovery operations being conducted after a hazard event.

The building will be wind hardened with the use of hurricane protective shutters for the hurricane shutters on the following windows to protect the building: (2) 88"x68", (2) 41"x68", (2) 41"x59", (2) 41"x41", and (2) 61"x61".
The project also consists of providing the facility with window film on the following windows: (4) 38"x52", (4) 38"x24", (2) 30"x72", and (1) 25"x14".

Drainage Improvement – Price Street Area I

The current earthen canal does not drain properly and floods the surrounding residential areas. The affected drainage area floods about three times a year (on average). Area I of the canal has a top width of 6-8 feet and a bottom width of approximately 4 feet and is approximately 1850 feet in length.

In order to provide better conveyance for excess runoff from storm events, the current earthen canal will be upgraded with a concrete lining. The lining will improve

conveyance and reduce required maintenance. In addition, the existing culverts will be upgraded.

The existing culverts and overlaying driveways will be excavated and replaced.

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Drainage Improvement – Price Street Area II

The current earthen canal does not drain properly and floods the surrounding residential areas. The affected drainage area floods about three times a year (on average). Area II of the canal has a top width of 6-8 feet and a bottom width of approximately 4 feet and is approximately 1850 feet in length.

In order to provide better conveyance for excess runoff from storm events, the current earthen canal will be upgraded with a concrete lining. The lining will improve conveyance and reduce required maintenance. In addition, the existing culverts will be upgraded.

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Drainage Improvement – Price Street Area III

The current earthen canal does not drain properly and floods the surrounding residential areas. The affected drainage area floods about three times a year (on average). Area III of the canal has a top width of 6-8 feet and a bottom width of approximately 4 feet and is approximately 1850 feet in length.

In order to provide better conveyance for excess runoff from storm events, the current earthen canal will be upgraded with a concrete lining. The lining will improve conveyance and reduce required maintenance. In addition, the existing culverts will be upgraded.

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Drainage Improvement – Price Street Area IV

The current earthen canal does not drain properly and floods the surrounding residential areas. The affected drainage area floods about three times a year (on average). Area IV of the canal has a top width of 6-8 feet and a bottom width of approximately 4 feet and is approximately 1800 feet in length.

The existing culverts and overlaying driveways will be excavated and replaced. The earthen portion of the canal will also be lined with concrete. The lining and culvert upgrades will improve conveyance and reduce required maintenance

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Drainage Improvement – Church Street Canal Upgrade

The affected drainage area floods about twice a year (on average) when Bayou Maringouin overflows its banks and the Church Street Canal inundates and cannot convey the outflow quickly enough. The earthen portion of the canal is approximately 100 yards in length with a top width of approximately 5 feet and a bottom with of approximately 3 feet.

The current earthen canal will be upgraded with a concrete lining. The lining will improve conveyance and reduce required maintenance.

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Drainage Improvement – Besson Lane Culvert Upgrade

The current culverts are undersized and the canal does not drain properly. The affected drainage area floods about three times a year (on average). The canal is approximately ½ mile in length with top width of approximately 8 feet and a bottom with of approximately 4 feet.

In order to provide better conveyance for excess runoff from storm events, the existing culverts will be upgraded to 24" diameter culverts. In addition, the current open ditches will be upgraded to backfilled culverts. The culverts will improve conveyance and reduce required maintenance.

Upon completion of the project, a final inspection will be ordered to ensure that the project has been constructed according to the plans and specifications.

Each project will be financed by future HMGP funds as grant funding permits. Parish government will be responsible for selecting and pursuing all funding opportunities under HMGP for the aforementioned projects as the authorized agent for the municipalities.

5.4 §201.6 (c)(3)(iv) For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

As referenced in the preceeding pages, each municipality (Maringouin, Rosedale, Grosse Tete, Plaquemine, and St. Gabriel) has at least one project within the city limits. The list

of projects above also includes the unincorporated areas of the parish, thereby covering every government authority (unincorporated and municipal) within the parish boundaries.

6.0 §201.6 (c)(4) PLAN MAINTENANCE PROCEDURES

A plan maintenance process that includes:

6.1 §201.6 (c)(4)(i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

Iberville Parish has developed a plan maintenance process to ensure that regular review and update of the Hazard Mitigation Plan occurs. The parish has formed a HMPU Evaluation Committee that consists of selected members from municipalities, local agencies, and the HMPU Committee which prepared the HMPU as included herewith. The HMPU Evaluation Committee will consist of the following representation:

1. Iberville Parish President
2. Iberville Parish Chief Administrative Officer
3. Iberville Parish Director of Public Works
4. Iberville Parish Director of Office of Emergency Preparedness and Homeland Security (responsible for overall coordination of HMP maintenance activities)
5. Iberville Parish Sheriff
6. Mayors of each of the six municipalities or their representative

The OEP director of the parish will be responsible for contacting each of the committee members during January of every year. Members will have a one month period in which to respond to initiate a meeting if any one member feels that issues need to be addressed. However, should a hazard event occur and the need for update analysis surface, a meeting can be called by the OEP director or requested by a committee member.

The OEP director will also be responsible for maintaining plan review comments and will monitor the plan's action items on an ongoing basis using phone calls and emails to contact those responsible to implementing action items and bring the project status reports to the yearly evaluation meetings. Ideas to be discussed will include, but are not limited to, the following:

- Does the committee membership need to be updated?
- Have any new hazard events occurred?
- Has new funding been allotted?
- Have any projects been implemented?
- Have the project priorities changed?

- Are there any new projects to discuss?

In addition to the yearly evaluations, the questions listed above and additional considerations will be made during the formal update process to be completed and approved by FEMA within a five-year cycle. Updates to the HMP will be made fully utilizing the representation of the HMP committee formed for this purpose. (See §201.6 (c)(4)(i))

6.2 §201.6 (c)(4)(ii) A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

Members of local and parish departments who interact on planning issues, such as the Parish President, Parish CAO, Parish OEP Director, Sheriff, and the mayors of each municipality met to review the relevance of the HMP's risks and vulnerabilities identified, as well as the goals, objectives, and actions for mitigating the risks, and catalogued all said information for use in future updates to the other local planning mechanisms. In addition, at the time such update processes take place, these stakeholders will convene as a committee to review the ongoing relevance of said data and how it can best be utilized in the various planning mechanisms to produce the best possible planning document.

When appropriate, local governments, by way of the individuals who served on the HMPU Committee and the HMP Evaluation Committee, will address the need to incorporate requirements of the mitigation plan into their respective zoning ordinances, comprehensive plans, and/or capital improvement plans if deemed necessary and if not previously included. An effort will be made by all HMPU committee members to ensure consistency in all future planning efforts with the mitigation goals and risk assessment presented in this plan. Consistency between all planning efforts will ensure a decrease in losses related to hazard events within future and existing developments. During the last five year update cycle, the former HMP's (2006) goals were not incorporated into any other planning mechanisms as no formal plans were prepared. However, the goals and hazard mitigation priorities were also discussed frequently in council meetings at the parish and municipal level.

If amendments to existing ordinances or new ordinances are required, each political jurisdiction will be responsible for its respective updates.

6.3 §201.6 (c)(4)(iii) Discussion on how the community will continue public participation in the plan maintenance process.

Responsibility for continued public participation will be that of the OEP director. Copies of the plan will be kept on file at the parish government office and with each municipality. Contained in the plan and presented in section (c)(4)(i) is a list members of the plan evaluation committee that can be contacted. In addition, copies of the plan and any proposed changes will be posted on the parish government website. This website will also have an e-mail address and phone numbers to which the public can direct their comments or concerns. The local newspaper will also be notified if HMP issues arise.

Attachment c1-1
Iberville Parish Hazard Mitigation Plan Update Committee List

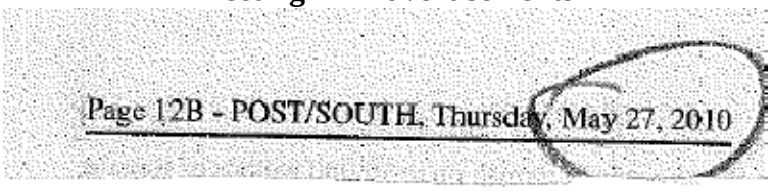
Last Name	First Name	Title	Agency
Allain	Brent	Sheriff	Iberville Parish Sheriff's Office
Ambeau	Kevin	Police Chief	City of St. Gabriel
Badeaux	Lawrence "Football"	Mayor	Village of Rosedale
Bagot	Walter	Fire Chief	Bayou Blue Fire Department
Blanchard	Johnny	Major	Iberville Parish Sheriff's Office
Bradford	Terry J.	Councilman	Iberville Parish Council
Brown	Maurice	Mayor	Town of White Castle
Brown	Mario	Police Chief	Town of White Castle
Burleigh	Judy	Assistant	Iberville Parish Council
Butler	Salaris	Councilman	Iberville Parish Council
Cancienne	Ed	Superintendent	Iberville Parish School Board
Chauffe	Michael	Mayor	Village of Grosse Tete
Dardenne	Tommy	Police Chief	Village of Grosse Tete
Doiron	Laurie	Director	Iberville Parish OHSEP
Gaudet	Mickey	Fire Chief	Town of Maringouin
George	Pam		Village of Grosse Tete
Grace	George Grace	Mayor	City of St. Gabriel
Grace	Hank	Executive Director	Iberville Chamber of Commerce
Guillot	Mackie	Fire Chief	City of Plaquemine
Gulotta	Mark A. Tony	Mayor	City of Plaquemine
Gulotta	Orian	Police Chief	City of Plaquemine
Hernandez	Mike	Building Inspector	Iberville Parish Council
Hughes	Mike	Fire Chief	Village of Grosse Tete/Rosedale
Jackson	Leonard	Councilman	Iberville Parish Council
Jewell	Matthew H.	Councilman	Iberville Parish Council
Kelly	Louis R.	Councilman	Iberville Parish Council
Landry	Jim	Fire Chief	Town of White Castle
Landry	Randy	Fire Chief	Bayou Goula Fire Department
Landry	Brian	Fire Chief	Bayou Pigeon Fire Department
Little	John	SGT/DET	Plaquemine Police Department
Mellieon	Brandon	Building Inspector	City of Plaquemine
Miglacio	Mark	Director	Iberville Parish Public Works

Last Name	First Name	Title	Agency
Oubre	Howard	Councilman	Iberville Parish Council
Ourso	J. Mitchell	Parish President	Iberville Parish
Ourso	Mitchel J.	Councilman	Iberville Parish Council
Overton, Sr.	John F.	Mayor	Town of Maringouin
Palermo	Donald	Fire Chief	Bayou Sorrell Fire Department
Payne	Kenny	Captain	Plaquemine Police Department
Ramero	Brian	Building Inspector	Iberville Parish
Reeves	Ed	Councilman	Iberville Parish Council
Rovira	Kyle	EHS	Syngenta/I-CAER Chairman
Roy	Wayne M.	Councilman	Iberville Parish Council
Sanchez	Floyd	Fire Chief	City of St. Gabriel
Scott	Henry J.	Councilman	Iberville Parish Council
Sexton	Randy	Assessor	Iberville Parish
Simen	John	Police Chief	Town of Maringouin
Sparks	Mike	Police Chief	Village of Rosedale
Stevens	Eugene P.	Councilman	Iberville Parish Council
Taylor	Warren	Councilman	Iberville Parish Council
Vallet	Timothy J.	Councilman	Iberville Parish Council
Zeringue	George	Engineer Coordinator	Iberville Parish

Attachment c1-2
HMPU Committee Attendance Summary

Last Name	First Name	Title	Agency	Meeting 1	Meeting 2	Meeting 3
Allain	Brent	Sheriff	Iberville Parish Sheriff's Office			
Ambeau	Kevin	Police Chief	City of St. Gabriel			
Amedee	Kenneth	Clerk	Village of Rosedale	X		
Badeaux	Lawrence "Football"	Mayor	Village of Rosedale	X	X	X
Bagot	Walter	Fire Chief	Bayou Blue Fire Department			
Berthelot	Laurie	Finance Director	City of Plaquemine	X		
Blanchard	Johnny	Major	Iberville Parish Sheriff's Office	X	X	X
Bradford	Terry J.	Councilman	Iberville Parish Council	X		
Brown	Maurice	Mayor	Town of White Castle	X	X	
Brown	Mario	Police Chief	Town of White Castle		X	
Burleigh	Judy	Assistant	Iberville Parish Council			
Butler	Salaris	Councilman	Iberville Parish Council			
Cancienne	Ed	Superintendent	Iberville Parish School Board			
Chauffe	Michael	Mayor	Village of Grosse Tete			
Cooper	Brenda	Planner	GOHSEP	X		
Dardenne	Tommy	Police Chief	Village of Grosse Tete	X	X	
Doiron	Laurie	Director	Iberville Parish OHSEP			X
Gaudet	Mickey	Fire Chief	Town of Maringouin		X	
George	Pam		Village of Grosse Tete			
Grace	George	Mayor	City of St. Gabriel	X	X	
Grace	Hank	Executive Director	Iberville Chamber of Commerce			
Guillot	Mackie	Fire Chief	City of Plaquemine	X	X	X
Gulotta	Mark A. Tony	Mayor	City of Plaquemine		X	
Gulotta	Orian	Police Chief	City of Plaquemine			
Hernandez	Mike	Building Inspector	Iberville Parish Council			
Hughes	Mike	Fire Chief	Village of Grosse Tete/Rosedale			
Jackson	Leonard	Councilman	Iberville Parish Council			
Jewell	Matthew H.	Councilman	Iberville Parish Council	X	X	X
Kelly	Louis R.	Councilman	Iberville Parish Council		X	
LaCour	Jeffrey	Mitigation Planner	FEMA	X		
Landry	Jim	Fire Chief	Town of White Castle			
Landry	Randy	Fire Chief	Bayou Goula Fire Department			
Landry	Brian	Fire Chief	Bayou Pigeon Fire Department			
Little	John	SGT/DET	Plaquemine Police Department			
Mellieon	Brandon	Building Inspector	City of Plaquemine			
Miglacio	Mark	Director	Iberville Parish Public Works			
Mott	Frank	Assistant Director	City of Plaquemine	X		
Oubre	Howard	Councilman	Iberville Parish Council	X		
Ourso	J. Mitchell	Parish President	Iberville Parish			
Ourso	Mitchel J.	Councilman	Iberville Parish Council		X	
Overton, Sr.	John F.	Mayor	Town of Maringouin	X	X	
Palermo	Donald	Fire Chief	Bayou Sorrell Fire Department			
Patin	Kim	Maintenance Supervisor	Village of Rosedale	X		
Payne	Kenny	Captain	Plaquemine Police Department		X	
Reeves	Ed	Councilman	Iberville Parish Council		X	
Rockforte	Ronnie	Director of Utilities	City of Plaquemine	X		
Romero	Brian	Building Inspector	Iberville Parish			X
Rovira	Kyle	EHS	Syngenta/I-CAER Chairman			
Roy	Wayne M.	Councilman	Iberville Parish Council		X	
Sanchez	Floyd	Fire Chief	City of St. Gabriel		X	
Sanchez	Patty	Planner	GOHSEP/JLWA	X	X	
Scott	Henry J.	Councilman	Iberville Parish Council			
Sexton	Randy	Assessor	Iberville Parish		X	
Simen	John	Police Chief	Town of Maringouin			
Sparks	Mike	Police Chief	Village of Rosedale			
Stevens	Eugene P.	Councilman	Iberville Parish Council			
Taylor	Warren	Councilman	Iberville Parish Council			
Vallet	Timothy J.	Councilman	Iberville Parish Council			
Zeringue	George	Engineer Coordinator	Iberville Parish	X		

Attachment c1-3.1A
Meeting 1—Advertisements



Public Notice
Meeting Announcement
Iberville Parish Hazard Mitigation Plan Update

The Iberville Parish Council is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. To initialize the plan update, the Iberville Parish Hazard Mitigation Committee will define the planning process, discuss a participation strategy, and review the existing plan. The public is encouraged to attend this meeting.

Thursday, June 3, 2010,
2:00PM
Iberville Parish Courthouse, Council Meeting Room
58050 Meriam Street, 2nd Floor
Plaquemine, Louisiana 70764

Please direct questions about the meeting to Nicole Buranzon, Shaw Environmental & Infrastructure, Inc., at (225) 987-7373.
5/27

Iberville Parish Hazard Mitigation Plan Update
Sign-in Sheet
Thursday, June 3, 2010

Signature	Last Name	First Name	Title	Agency
	Allain	Brent	Sheriff	Iberville Parish Sheriff's Office
	Ambeau	Kevin	Police Chief	City of St. Gabriel
Lawrence Bodeaux	Badeaux	Lawrence "Football"	Mayor	Village of Rosedale
	Bagot	Walter	Fire Chief	Bayou Blue Fire Department
Johnny Blanchard	Blanchard	Johnny	Major	Iberville Parish Sheriff's Office
Terry J. Bradford	Bradford	Terry J.	Councilmen	Iberville Parish Council
Maurice R Brown	Brown	Maurice	Mayor	Town of White Castle
	Brown	Mario	Police Chief	Town of White Castle
	Burleigh	Judy	Assistant	Iberville Parish Council
	Butler	Salaris	Councilmen	Iberville Parish Council
	Cancienne	Ed	Superintendent	Iberville Parish School Board
	Chauffe	Michael	Mayor	Village of Grosse Tete
	Dardenne	Tommy	Police Chief	Village of Grosse Tete
	Doiron	Laurie	Director	Iberville Parish Office of Emergency Preparedness
	Gaudet	Mickey	Fire Chief	Town of Maringouin
	George	Pam		Village of Grosse Tete
George L. Grace	Grace	George Grace	Mayor	City of St. Gabriel
	Grace	Hank	Executive Director	Iberville Chamber of Commerce
Mackie Guillot	Guillot	Mackie	Fire Chief	City of Plaquemine
	Gulotta	Mark A. Tony	Mayor	City of Plaquemine
	Gulotta	Orian	Police Chief	City of Plaquemine
	Hernandez	Mike	Building Inspector	Iberville Parish Council
	Hughes	Mike	Fire Chief	Village of Grosse Tete/Rosedale
	Jackson	Leonard	Councilmen	Iberville Parish Council
Matthew H. Jewell	Jewell	Matthew H.	Councilmen	Iberville Parish Council

Signature	Last Name	First Name	Title	Agency
	Kelly	Louis R.	Councilmen	Iberville Parish Council
	Landry	Jim	Fire Chief	Town of White Castle
	Landry	Randy	Fire Chief	Bayou Goula Fire Department
	Landry	Brian	Fire Chief	Bayou Pigeon Fire Department
	Little	John	SGT/DET	Plaquemine Police Department
	Mellieon	Brandon	Building Inspector	City of Plaquemine
	Miglacio	Mark	Director	Iberville Parish Public Works
Howard A Oubre	Oubre	Howard	Councilmen	Iberville Parish Council
	Ourso	J. Mitchell	Parish President	Iberville Parish
	Ourso	Mitchel J.	Councilmen	Iberville Parish Council
John Overton, Sr.	Overton, Sr.	John F.	Mayor	Town of Maringouin
	Palermo	Donald	Fire Chief	Bayou Sorrell Fire Department
	Payne	Kenny	Captain	Plaquemine Police Department
	Ramero	Brian	Building Inspector	Iberville Parish
	Reeves	Ed	Councilmen	Iberville Parish Council
	Rovira	Kyle	EHS	Syngenta/I-CAER Chairman
	Roy	Wayne M.	Councilmen	Iberville Parish Council
	Sanchez	Floyd	Fire Chief	City of St. Gabriel
	Scott	Henry J.	Councilmen	Iberville Parish Council
	Sexton	Randy	Assessor	Iberville Parish
	Simen	John	Police Chief	Town of Maringouin
	Sparks	Mike	Police Chief	Village of Rosedale
	Stevens	Eugene P.	Councilmen	Iberville Parish Council
	Taylor	Warren	Councilmen	Iberville Parish Council
	Vallet	Timothy J.	Councilmen	Iberville Parish Council
	Zeringue	George	Engineer Coordinator	Iberville Parish
	Sanchez	Patty	Planner	GOHSEP/JLNA
	Cooper	Brenda	Planner	GOHSEP
	LaCour	Jeffrey	Mit-Planner	FEMA

Signature	Last Name	First Name	Title	Agency
Kenneth Amedee	AMEDEE	KENNETH	CLERK	Village of Rosedale
Kim Patin	PATIN	KIM	MAINT SUPV	Village of Rosedale
Ronnie Rockette	ROCKETTE	RONNIE	DIR. OF UTILITY	CITY OF PLAQUEMINE
Frank Mott	MOTT	FRANK	ACT. DIR.	City of Plaquemine
Tommy Dardenne	DARDENNE	TOMMY	Police Chief	GROSSE TETE P.D
Laurie Berthelot	BERTHELOT	LAURIE	Finance Dir	City of Plaq

Attachment c1-3.1C
Meeting 1—Meeting Summary Notes

IBERVILLE PARISH
HAZARD MITIGATION PLAN UPDATE
FIRST MEETING
JUNE 3, 2010

Attendees

Name	Job Title/Organization
Lawrence Badeaux	Mayor, Village of Rosedale
Johnny Blanchard	Major, Iberville Parish Sheriff's Office
Terry Bradford	Councilman, Iberville Parish Council
Maurice Brown	Mayor, Town of White Castle
George Grace	Mayor, City of St. Gabriel
Mackie Guillot	Fire Chief, City of Plaquemine
Matthew Jewell	Councilman, Iberville Parish Council
Howard Oubre	Councilman, Iberville Parish Council
John Overton	Mayor, Town of Maringouin
George Zeringue	Engineer Coordinator, Iberville Parish
Patty Sanchez	Planner, GOHSEP/JLWA
Brenda Cooper	Planner, GOHSEP
Jeffery Lacour	Planner, FEMA
Kenneth Amedee	Clerk, Village of Rosedale
Kim Patin	Maintenance Supervisor, Village of Rosedale
Ronnie Rockforte	Director of Utilities, City of Plaquemine
Frank Mott	Assistant Director of Utilities, City of Plaquemine
Tommy Dardenne	Police Chief, Grosse Tete
Laurie Berthelot	Finance Director, City of Plaquemine
Ben Malbrough, PE	Engineer, Shaw E&I
Nicole Buranzon	Urban and Regional Planner, Shaw E&I

Welcome and Introduction

Nicole Buranzon, Shaw, opened the meeting at 2:05PM. Everyone was welcomed and each attendee introduced him/herself. It was noted that if anyone was missing that should be present or invited to let the contact for the project, Nicole Buranzon, know their names and a way to contact them so that they can be included in any following meetings. The importance of the participation of each municipality was stressed.

Review of Hazard Mitigation Planning

A general overview of Hazard Mitigation Planning was discussed, including the Iberville Hazard Mitigation Plan that was approved by GOHSEP and FEMA in 2006. The relevant

components of other plans that will be included in the Hazard Mitigation Plan Update are the Parish's Strategic Plan (2003) and the Land Use Plan (2005).

Review of Benchmark Storms

Shaw E&I detailed the composite risk and loss estimate procedure involved in the Plan Update. The storms that were regarded as the worst flood events included Tropical Storm Allison, Hurricane Katrina, and Hurricane Gustav. The draft inundation maps, composite risk map, and associated loss estimates will be presented at the next committee meeting in approximately 4-6 weeks.

Review of Goals and Project Lists

The existing goals were discussed and confirmed for the Plan Update. Also discussed were the action items both in the parish and each municipality relating to each goal. The committee agreed to look and update the action item list before the next meeting. However, Shaw E&I will bring up the action item list at each meeting to ensure it is as comprehensive as possible before the plan update process concludes.

A. Action Items:

- Date for next committee/public meeting will be set in 4-6 weeks to allow time for comprehensive mapping process
- Members of the committee will review and edit/update both the critical facilities list and the action item list for the next meeting

The meeting concluded at 2:45 p.m. by Shaw E&I.

Attachment c1-3.2A
Meeting 2—Advertisement

POST/SOUTH, Thursday, August 12, 2010 Page 5A

Public Notice
Meeting Announcement
Iberville Parish Hazard Mitigation Plan Update

The Iberville Parish Council is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. To continue the plan update, the Iberville Parish Hazard Mitigation Committee will review risk assessment areas, loss estimates, and mitigation project lists. The public is encouraged to attend this meeting.

Thursday, August 12, 2010, 2:00PM
Iberville Parish Courthouse, Council Meeting Room
58050 Meriam Street, 2nd Floor
Plaquemine, Louisiana 70764

Please direct questions about the meeting to Nicole Buranzon, Shaw Environmental & Infrastructure, Inc., at (225) 987-7373.

Attachment c1-3.2B
Meeting 2—Sign-In Sheets

Iberville Parish Hazard Mitigation Plan Update
Sign-in Sheet
Thursday, August 12, 2010

Signature	Last Name	First Name	Title	Agency
	Allain	Brent	Sheriff	Iberville Parish Sheriff's Office
	Ambeau	Kevin	Police Chief	City of St. Gabriel
	Badeaux	Lawrence "Football"	Mayor	Village of Rosedale
	Bagot	Walter	Fire Chief	Bayou Blue Fire Department
	Blanchard	Johnny	Major	Iberville Parish Sheriff's Office
	Bradford	Terry J.	Councilmen	Iberville Parish Council
	Brown	Maurice	Mayor	Town of White Castle
	Brown	Mario	Police Chief	Town of White Castle
	Burleigh	Judy	Assistant	Iberville Parish Council
	Butler	Salaris	Councilmen	Iberville Parish Council
	Cancienne	Ed	Superintendent	Iberville Parish School Board
	Chauffe	Michael	Mayor	Village of Grosse Tete
	Dardenne	Tommy	Police Chief	Village of Grosse Tete
	Doiron	Laurie	Director	Iberville Parish Office of Emergency Preparedness
	Gaudet	Mickey	Fire Chief	Town of Maringouin
	George	Pam		Village of Grosse Tete
	Grace	George Grace	Mayor	City of St. Gabriel
	Grace	Hank	Executive Director	Iberville Chamber of Commerce
	Guillot	Mackie	Fire Chief	City of Plaquemine
	Gulotta	Mark A. Tony	Mayor	City of Plaquemine
	Gulotta	Orian	Police Chief	City of Plaquemine
	Hernandez	Mike	Building Inspector	Iberville Parish Council
	Hughes	Mike	Fire Chief	Village of Grosse Tete/Rosedale
	Jackson	Leonard	Councilmen	Iberville Parish Council
	Jewell	Matthew H.	Councilmen	Iberville Parish Council
	Kelly	Louis R.	Councilmen	Iberville Parish Council
	Landry	Jim	Fire Chief	Town of White Castle

Signature	Last Name	First Name	Title	Agency
	Landry	Randy	Fire Chief	Bayou Goula Fire Department
	Landry	Brian	Fire Chief	Bayou Pigeon Fire Department
	Little	John	SGT/DET	Plaquemine Police Department
	Mellieon	Brandon	Building Inspector	City of Plaquemine
	Miglacio	Mark	Director	Iberville Parish Public Works
	Oubre	Howard	Councilmen	Iberville Parish Council
	Ourso	J. Mitchell	Parish President	Iberville Parish
	Ourso	Mitchel J.	Councilmen	Iberville Parish Council
	Overton, Sr.	John F.	Mayor	Town of Maringouin
	Palermo	Donald	Fire Chief	Bayou Sorrell Fire Department
KENNY PAYNE	Payne	Kenny	Captain	Plaquemine Police Department
	Ramero	Brian	Building Inspector	Iberville Parish
	Reeves	Ed	Councilmen	Iberville Parish Council
	Rovira	Kyle	EHS	Syngenta/T-CAER Chairman
	Roy	Wayne M.	Councilmen	Iberville Parish Council
	Sanchez	Floyd	Fire Chief	City of St. Gabriel
	Scott	Henry J.	Councilmen	Iberville Parish Council
Clint Seneca	Sexton	Randy	Assessor	Iberville Parish
	Simen	John	Police Chief	Town of Maringouin
	Sparks	Mike	Police Chief	Village of Rosedale
	Stevens	Eugene P.	Councilmen	Iberville Parish Council
	Taylor	Warren	Councilmen	Iberville Parish Council
	Vallet	Timothy J.	Councilmen	Iberville Parish Council
	Zeringue	George	Engineer Coordinator	Iberville Parish
			GOHSEP / JLWA	

Attachment c1-3.2C
Meeting 2—Meeting Summary Notes

IBERVILLE PARISH
HAZARD MITIGATION PLAN UPDATE
SECOND MEETING
AUGUST 12, 2010

Attendees

Name	Job Title/Organization
Lawrence Badeaux	Mayor, Village of Rosedale
Johnny Blanchard	Major, Iberville Parish Sheriff's Office
Stacey Adler	Town of White Castle
Mario Brown	Police Chief, Town of White Castle
Tommy Dardenne	Police Chief, Grosse Tete
Mickey Gaudet	Fire Chief, Town of Maringouin
George Grace	Mayor, City of St. Gabriel
Mackie Guillot	Fire Chief, City of Plaquemine
Matthew Jewell	Councilman, Iberville Parish Council
Louis R. Kelly	Councilman, Iberville Parish Council
Mitchel Ourso	Councilman, Iberville Parish Council
John Overton	Mayor, Town of Maringouin
Kenny Payne	Captain, Plaquemine Police Department
Patty Sanchez	Planner, GOHSEP/JLWA
Ed Reeves	Councilman, Iberville Parish Council
Wayne Roy	Councilman, Iberville Parish Council
Floyd Sanchez	Fire Chief, City of St. Gabriel
Clint Seneca	Assessor's Office, Iberville Parish
Ben Malbrough, PE	Engineer, Shaw E&I
Nicole Buranzon	Urban and Regional Planner, Shaw E&I

Welcome and Introduction

Nicole Buranzon, Shaw, opened the meeting at 2:05PM. Everyone was welcomed and each attendee introduced him/herself. The importance of the participation of each municipality was stressed. A summary of the first meeting was discussed

Data Inventory and Maps Presentation

The following maps were presented and discussed:

- Figure c2-1: Base Map
- Figure c2-2: FEMA Flood Map
- Figure c2-3: Land Use Map
- Figure c2-4.1: Critical Facilities – Sewer Treatment

- Figure c2-4.2: Critical Facilities – Schools
- Figure c2-4.3: Critical Facilities – Fire Stations
- Figure c2-4.4: Critical Facilities – Police Stations
- Figure c2-4.5: Critical Facilities – Public Health
- Figure c2-4.6: Critical Facilities – Potable Water
- Figure c2-5: LIDAR Elevations
- Figure c2-6: Hurricane Andrew Inundation
- Figure c2-7: Hurricane Katrina Inundation
- Figure c2-8: Hurricane Gustav Inundation
- Figure c2-9: Wind Speed Map
- Figure c2-10: Repetitive Loss Structures

Shaw stressed that these maps were in draft format and needed additional input from the committee. It was agreed that the maps would be mailed to each mayor and each Parish Councilman and that they would provide edits to Shaw within two weeks. The edits provided will be incorporated and presented in the next committee meeting. Edits will focus on critical facilities and inundation areas.

Hazard Event Profiles and Risk Assessments
Shaw E&I detailed the composite risk and loss estimate procedure involved in the Plan Update. The storms that were regarded as the worst flood events included Tropical Storm Allison, Hurricane Katrina, and Hurricane Gustav. The draft inundation maps and associated loss estimates were presented and will be revised for the next committee meeting in approximately 4-6 weeks.

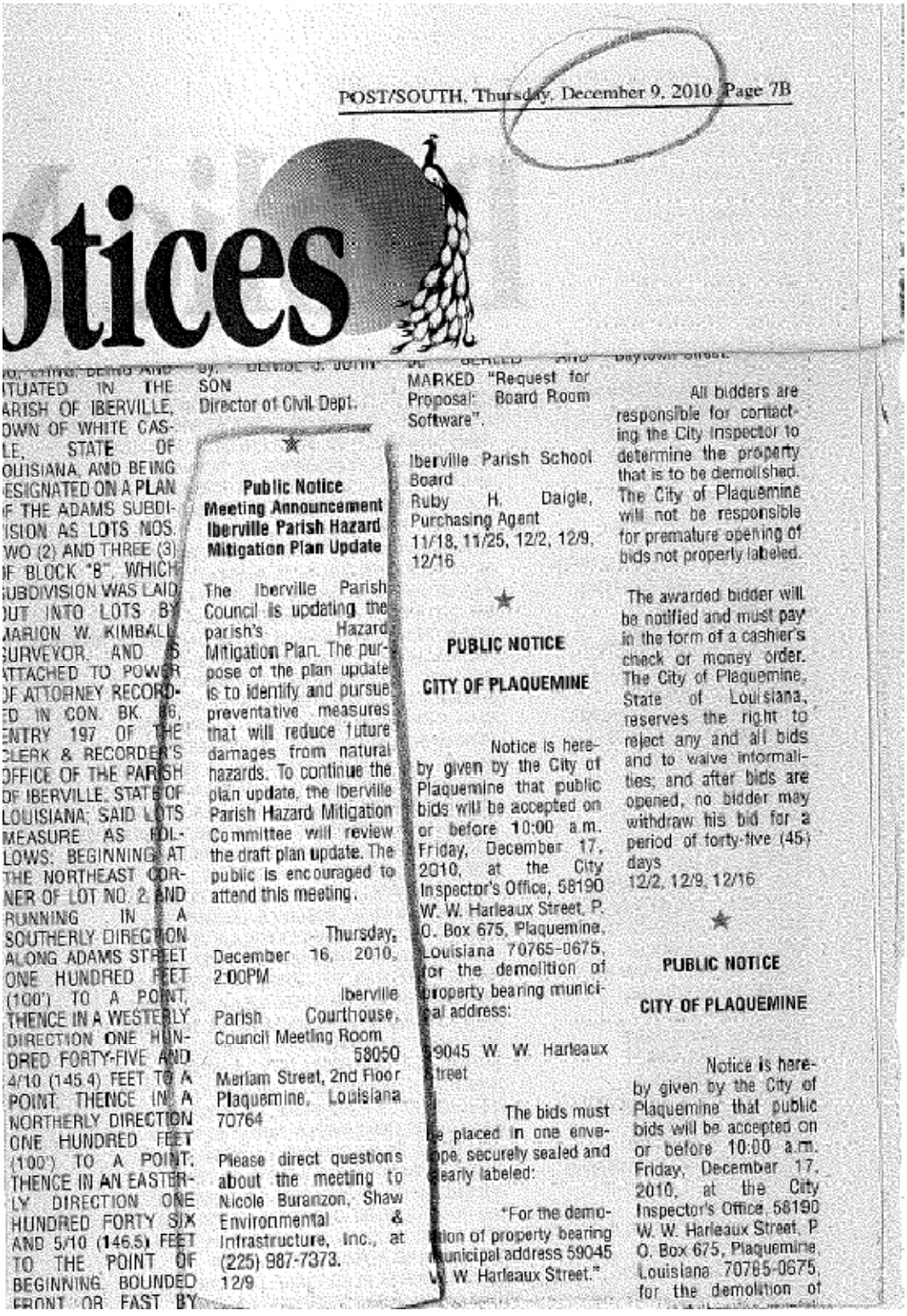
Review of Goals and Project Lists
The action items were discussed both in the parish and each municipality relating to each goal. Additions and edits to the project lists were made. The committee agreed to look and update the action item list before the next meeting. However, Shaw E&I will bring up the action item list at each meeting to ensure it is as comprehensive as possible before the plan update process concludes.

B. Action Items:

- Date for next committee/public meeting will be set in 4-6 weeks to allow time for comprehensive mapping process
- The Mayors and Parish Councilmen will review and edit/update both the maps and the action item list for the next meeting

The meeting concluded at 2:55 p.m. by Shaw E&I.

Attachment c1-3.3A
Meeting 3—Advertisement



otices

...UATED IN THE ...ARISH OF IBERVILLE, ...OWN OF WHITE CAS-...LE, STATE OF ...OUISIANA, AND BEING ...ESIGNATED ON A PLAN ...F THE ADAMS SUBDI-...ISION AS LOTS NOS. ...WO (2) AND THREE (3) ...F BLOCK "B", WHICH ...UBDIVISION WAS LAID ...UT INTO LOTS BY ...ARION W. KIMBALL, ...URVEYOR, AND AS ...TTACHED TO POWER ...F ATTORNEY RECORD-...D IN CON. BK. 86, ...NTRY 197 OF THE ...LERK & RECORDER'S ...FFICE OF THE PARISH ...F IBERVILLE, STATE OF ...OUISIANA; SAID LOTS ...MEASURE AS FOL-...LOWS: BEGINNING AT ...HE NORTHEAST COR-...NER OF LOT NO. 2, AND ...RUNNING IN A ...SOUTHERLY DIRECTION ...ALONG ADAMS STREET ...ONE HUNDRED FEET ...(100') TO A POINT, ...THENCE IN A WESTERLY ...DIRECTION ONE HUN-...DRED FORTY-FIVE AND ...4/10 (145.4) FEET TO A ...POINT, THENCE IN A ...NORTHERLY DIRECTION ...ONE HUNDRED FEET ...(100') TO A POINT, ...THENCE IN AN EASTER-...LY DIRECTION ONE ...HUNDRED FORTY SIX ...AND 5/10 (146.5) FEET ...TO THE POINT OF ...BEGINNING. BOUNDED ...FRONT OR EAST BY ...

...BY: DENISE J. JOHN-...SON
Director of Civil Dept.

★

Public Notice
Meeting Announcement
Iberville Parish Hazard Mitigation Plan Update

The Iberville Parish Council is updating the parish's Hazard Mitigation Plan. The purpose of the plan update is to identify and pursue preventative measures that will reduce future damages from natural hazards. To continue the plan update, the Iberville Parish Hazard Mitigation Committee will review the draft plan update. The public is encouraged to attend this meeting.

Thursday, December 16, 2010, 2:00PM

Iberville Parish Courthouse, Council Meeting Room 58050 Meriam Street, 2nd Floor Plaquemine, Louisiana 70764

Please direct questions about the meeting to Nicole Buranzon, Shaw Environmental & Infrastructure, Inc., at (225) 987-7373.
12/9

...MARKED "Request for Proposal: Board Room Software".

Iberville Parish School Board
Ruby H. Daigle, Purchasing Agent
11/18, 11/25, 12/2, 12/9, 12/16

★

PUBLIC NOTICE

CITY OF PLAQUEMINE

Notice is hereby given by the City of Plaquemine that public bids will be accepted on or before 10:00 a.m. Friday, December 17, 2010, at the City Inspector's Office, 58190 W. W. Harleaux Street, P. O. Box 675, Plaquemine, Louisiana 70765-0675, for the demolition of property bearing municipal address:

59045 W. W. Harleaux Street

The bids must be placed in one envelope, securely sealed and clearly labeled:

"For the demolition of property bearing municipal address 59045 W. W. Harleaux Street."

...Boylown Street.

All bidders are responsible for contacting the City Inspector to determine the property that is to be demolished. The City of Plaquemine will not be responsible for premature opening of bids not properly labeled.

The awarded bidder will be notified and must pay in the form of a cashier's check or money order. The City of Plaquemine, State of Louisiana, reserves the right to reject any and all bids and to waive informalities; and after bids are opened, no bidder may withdraw his bid for a period of forty-five (45) days
12/2, 12/9, 12/16

★

PUBLIC NOTICE

CITY OF PLAQUEMINE

Notice is hereby given by the City of Plaquemine that public bids will be accepted on or before 10:00 a.m. Friday, December 17, 2010, at the City Inspector's Office, 58190 W. W. Harleaux Street, P. O. Box 675, Plaquemine, Louisiana 70765-0675, for the demolition of

Attachment c1-3.3B
Meeting 3—Sign-In Sheets

Iberville Parish Hazard Mitigation Plan Update
Sign-in Sheet
Thursday, December 16, 2010

Signature	Last Name	First Name	Title	Agency
	Allain	Brent	Sheriff	Iberville Parish Sheriff's Office
	Ambeau	Kevin	Police Chief	City of St. Gabriel
	Badeaux	Lawrence "Football"	Mayor	Village of Rosedale
	Bagot	Walter	Fire Chief	Bayou Blue Fire Department
	Blanchard	Johnny	Major	Iberville Parish Sheriff's Office
	Bradford	Terry J.	Councilman	Iberville Parish Council
	Brown	Maurice	Mayor	Town of White Castle
	Brown	Mario	Police Chief	Town of White Castle
	Burleigh	Judy	Assistant	Iberville Parish Council
	Butler	Salaris	Councilman	Iberville Parish Council
	Cancienne	Ed	Superintendent	Iberville Parish School Board
	Chauffe	Michael	Mayor	Village of Grosse Tete
	Dardenne	Tommy	Police Chief	Village of Grosse Tete
	Doiron	Laurie	Director	Iberville Parish OHSEP
	Gaudet	Mickey	Fire Chief	Town of Maringouin
	George	Pam		Village of Grosse Tete
	Grace	George Grace	Mayor	City of St. Gabriel
	Grace	Hank	Executive Director	Iberville Chamber of Commerce
	Guillot	Mackie Parrish	Fire Chief	City of Plaquemine
	Gulotta	Mark A. Tony	Mayor	City of Plaquemine
	Gulotta	Orian	Police Chief	City of Plaquemine
	Hernandez	Mike	Building Inspector	Iberville Parish Council
	Hughes	Mike	Fire Chief	Village of Grosse Tete/Rosedale
	Jackson	Leonard	Councilman	Iberville Parish Council
	Jewell	Matthew H.	Councilman	Iberville Parish Council
	Kelly	Louis R.	Councilman	Iberville Parish Council
	Landry	Jim	Fire Chief	Town of White Castle

Signature	Last Name	First Name	Title	Agency
	Landry	Randy	Fire Chief	Bayou Goula Fire Department
	Landry	Brian	Fire Chief	Bayou Pigeon Fire Department
	Little	John	SGT/DET	Plaquemine Police Department
	Mellieon	Brandon	Building Inspector	City of Plaquemine
	Miglacio	Mark	Director	Iberville Parish Public Works
	Oubre	Howard	Councilman	Iberville Parish Council
	Ourso	J. Mitchell	Parish President	Iberville Parish
	Ourso	Mitchel J.	Councilman	Iberville Parish Council
	Overton, Sr.	John F.	Mayor	Town of Maringouin
	Palermo	Donald	Fire Chief	Bayou Sorrell Fire Department
	Payne	Kenny	Captain	Plaquemine Police Department
	~~Ramero~~ Romero	Brian	Building Inspector	Iberville Parish
	Reeves	Ed	Councilman	Iberville Parish Council
	Rovira	Kyle	EHS	Syngenta/I-CAER Chairman
	Roy	Wayne M.	Councilman	Iberville Parish Council
	Sanchez	Floyd	Fire Chief	City of St. Gabriel
	Scott	Henry J.	Councilman	Iberville Parish Council
	Sexton	Randy	Assessor	Iberville Parish
	Simen	John	Police Chief	Town of Maringouin
	Sparks	Mike	Police Chief	Village of Rosedale
	Stevens	Eugene P.	Councilman	Iberville Parish Council
	Taylor	Warren	Councilman	Iberville Parish Council
	Vallet	Timothy J.	Councilman	Iberville Parish Council
	Zeringue	George	Engineer Coordinator	Iberville Parish

Attachment c1-3.3C
Meeting 3—Summary Meeting Notes

IBERVILLE PARISH
HAZARD MITIGATION PLAN UPDATE
THIRD MEETING
DECEMBER 16, 2010

MINUTES

Attendees

Name	Job Title/Organization
Lawrence Badeaux	Mayor, Rosedale
Maj. Johnny Blanchard	Major, Iberville Parish Sheriff's Department
Laurie Doiron	Director, Iberville Parish OHSEP
Darren Ramirez	City of Plaquemine Fire Department
Matthew H. Jewell	Councilman, Iberville Parish Council
Brian Romero	Building Inspector, Iberville Parish

Welcome and Introduction

Nicole Buranzon, Shaw, opened the meeting at 2:10PM. The importance of the participation of each municipality was stressed. Summaries of the previous meetings were discussed.

Meeting Summary

Topics discussed include the plan update changes, timeline for implementation of projects, and new projects to add into the plan update. The draft hazard mitigation plan update was available for review and comments will be received by the committee during the week of December 20th.

DRAWING NUMBER: *ibvl_139445_0001_base*

APPROVED BY	XXX	
CHECKED BY	XXX	XXX
DRAWN BY	5/27/10	XXX
	B. Holt	
OFFICE	BTR	

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Mxd\MXD\ibvl_139445_0001_base.mxd)
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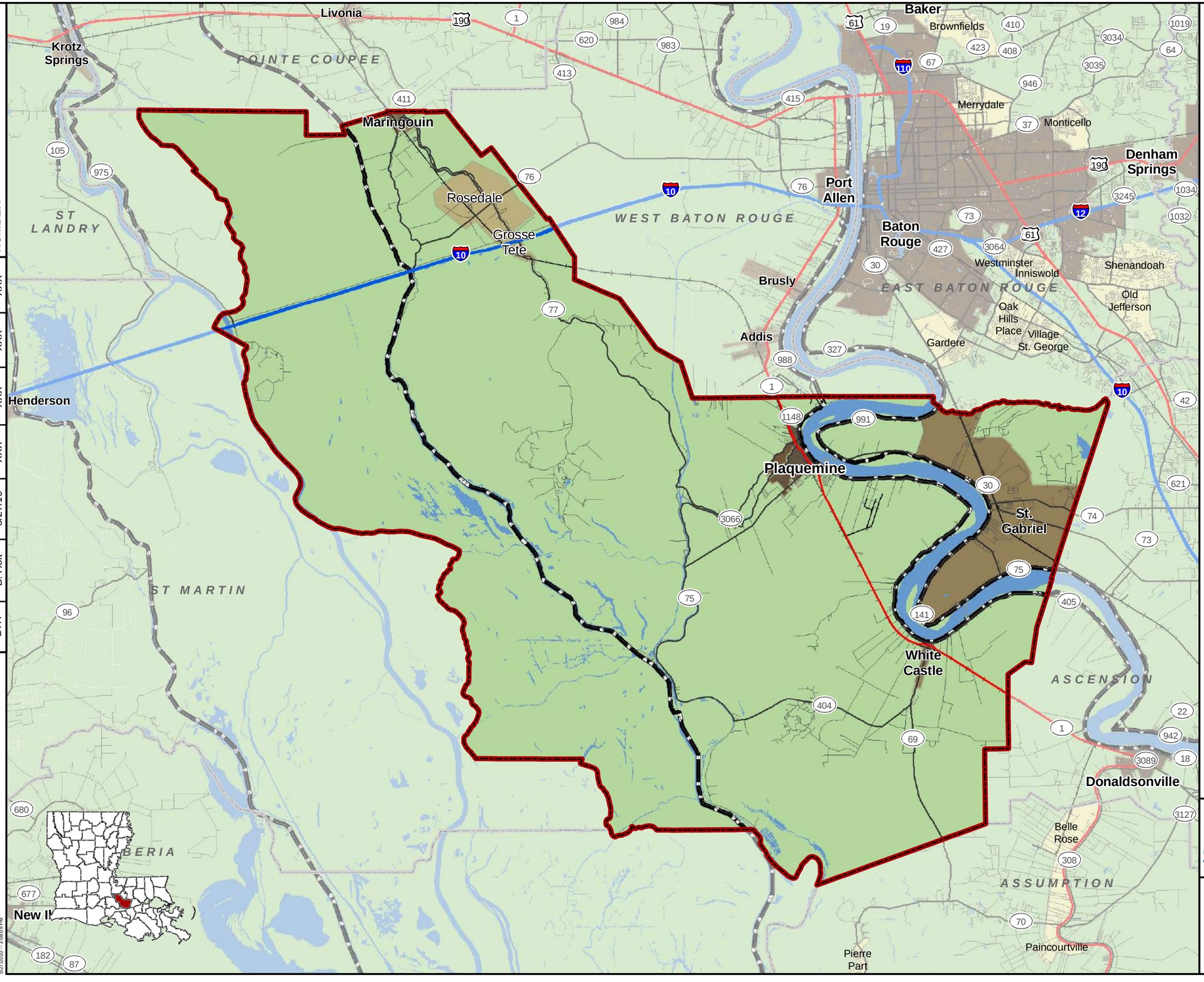

Legend

- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

IBERVILLE PARISH

ATTACHMENT c2-1

BASE MAP

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER	ibvl_139445_0003_floodzone
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	5/27/10
	B. Holt
OFFICE	BTR

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0003_floodzone.mxd)
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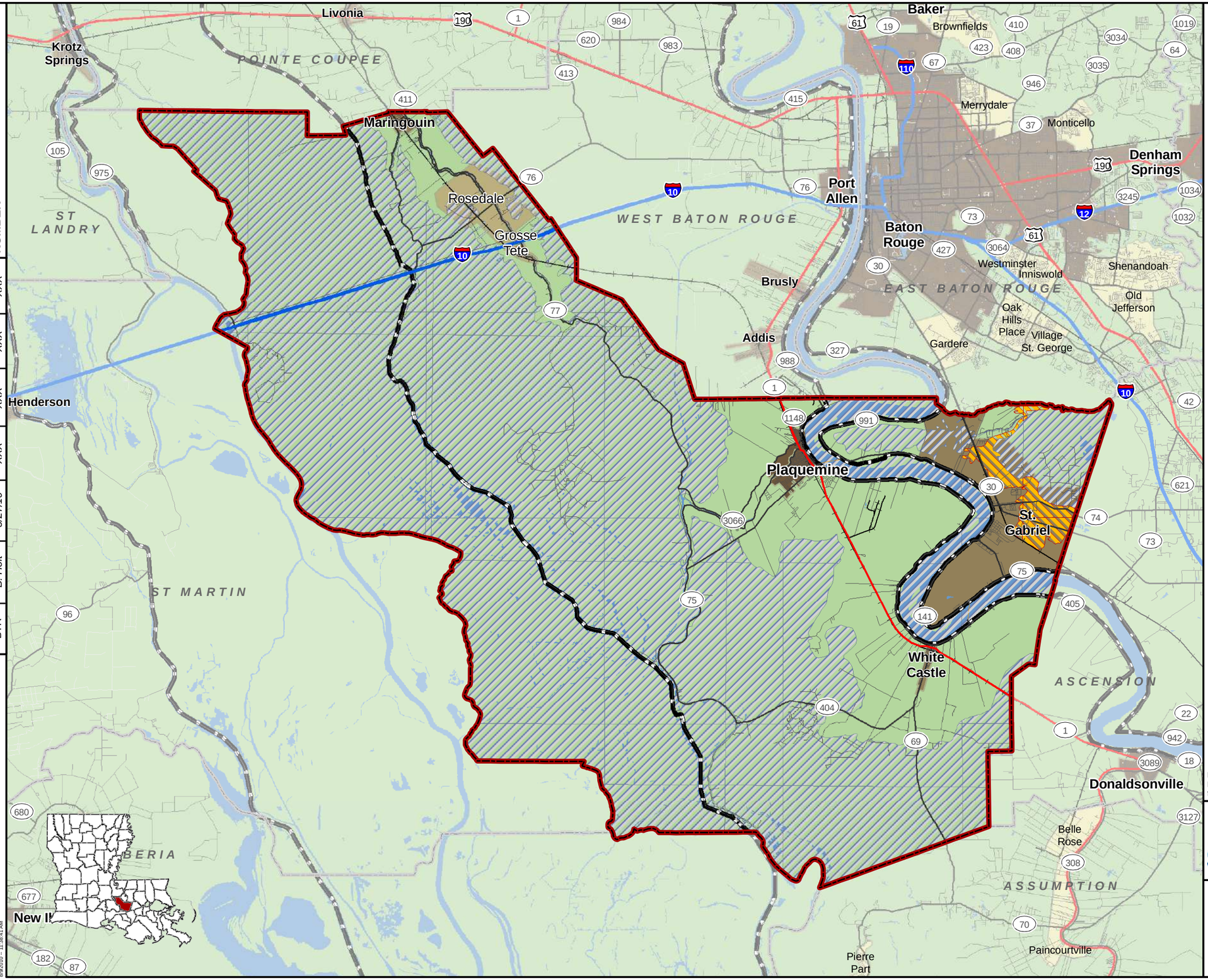


N

4 2 0 4 Miles

Legend

- 100 Year Floodplain
- 500 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Federal Emergency Management Agency, 1999, floodzones_iberville_FEMA_1999.

Shaw

IBERVILLE PARISH

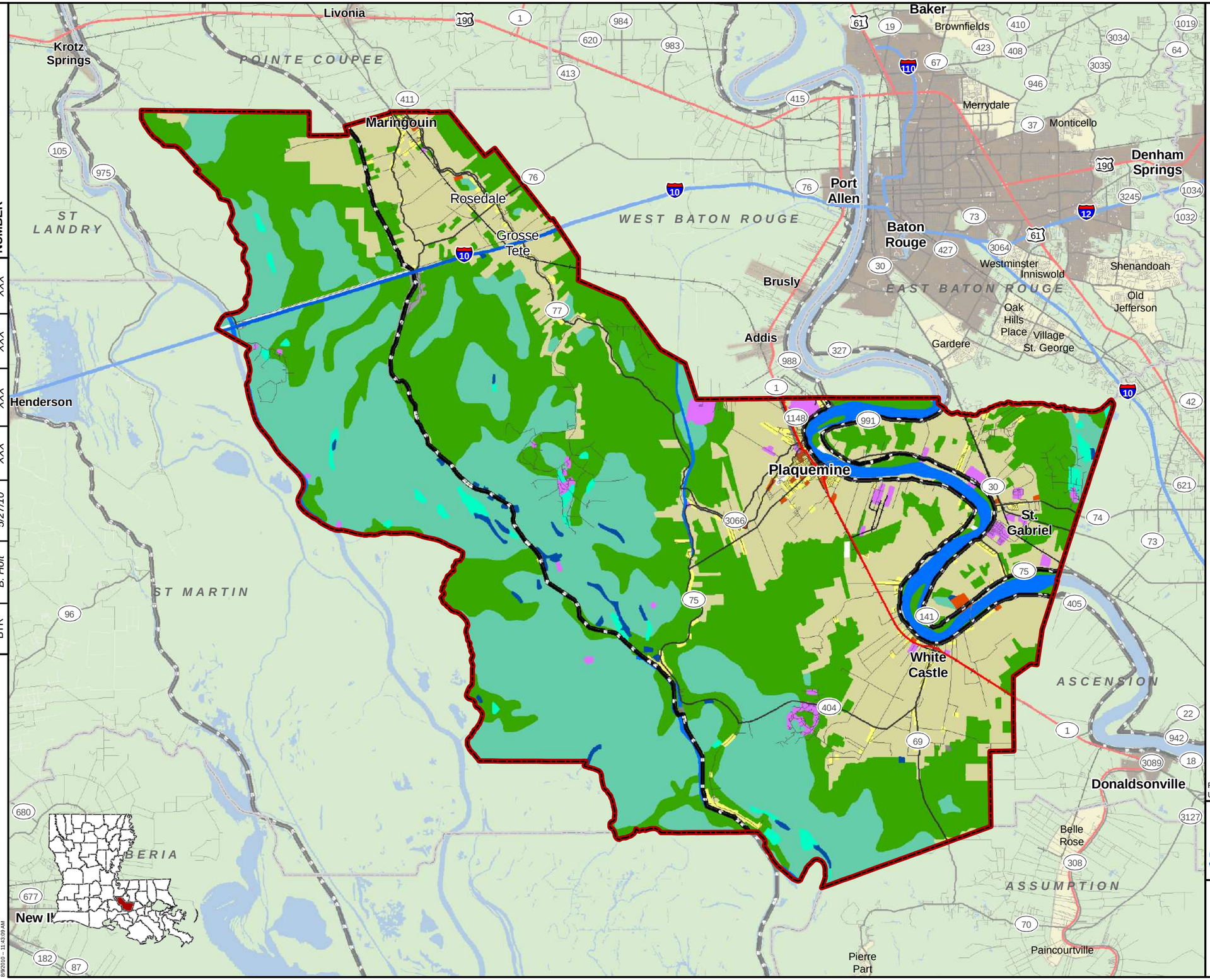
ATTACHMENT c2-2

FEMA FLOOD MAP

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0002_landuse

APPROVED BY	XXX	
CHECKED BY	XXX	
DRAWN BY	XXX	
	B. Holt	5/27/10
OFFICE	BTR	



N

4 2 0 4 Miles

Legend

- Cropland and Pasture
- Other Urban or Built-Up
- Residential
- Commercial and Services
- Industrial
- Transportation, Communication, Utilities
- Strip Mines
- Transitional Areas
- Deciduous Forest Land
- Forested Wetland
- Nonforested Wetland
- Lakes, Streams, Canals
- Reservoirs
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
USGS GIRAS, Land Use/Land Cover for the Conterminous US, 1998.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-3

LAND USE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0002_landuse.mxd)
6/9/2010 – 11:43:09 AM

MapID	Location
1	Plaquemine South Sewer Treatment Plant
2	Plaquemine North Sewer Treatment Plant
3	Grosse Tete Sewer Treatment
4	Maringouin Sewer Treatment Plant
5	White Castle Sewer Treatment Plant

N

4 2 0 4 Miles

Legend

- Sewer Treatment Locations
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

DRAWING NUMBER	ibvl_139445_0018_sewer
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	B. Holt
	5/27/10
OFFICE	BTR

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0018_sewer.mxd)
9/21/2010 – 1:43:31 PM

Shaw

IBERVILLE PARISH

ATTACHMENT c2-4.1

CRITICAL FACILITIES - SEWER TREATMENT

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

MapID	Location
1	Crescent Elementary and Junior High School
2	Edward J. Gay Middle School
3	Iberville Elementary School Office
4	Iberville Parish School Board Office
5	Iberville Parish School Board Optional Education
6	Plaquemine Christian School
7	Plaquemine High School
8	St. John the Evangelist Elementary School
9	St. John the Evangelist High School
10	North Iberville Elementary and High School
11	East Iberville Elementary and High School
12	Dorseyville Elementary School
13	White Castle High School Office

N

4 2 0 4 Miles

Legend

- Schools
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

DRAWING NUMBER	ibvl_139445_0012_schools
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	5/27/10
	B. Holt
OFFICE	BTR

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcViewGIS_Documents\Project_Maps\MXD\ibvl_139445_0012_schools.mxd)
7/9/2010 - 12:35:17 PM

Shaw

IBERVILLE PARISH

ATTACHMENT c2-4.2

CRITICAL FACILITIES - SCHOOLS

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

MapID	Location
1	Bayou Blue Fire Department
2	Grosse Tete Fire Department
3	Maringouin Fire Station 1
4	Maringouin Fire Station 2
5	Bayou Pigeon Fire Department
6	Bayou Sorrel Fire Department
7	Intracoastal Fire Station
8	North Side Fire Station
9	Plaquemine Fire Department
10	South Side Fire Station
11	Rosedale Fire Department
12	East Iberville Fire Station
13	St. Gabriel Fire Station
14	Sunshine Fire Station
15	Bayou Goula Fire Department
16	White Castle Fire Department
17	White Castle Fire Substation

N

4 2 0 4 Miles

Legend

- Fire Stations
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

DRAWING NUMBER	APPROVED BY	CHECKED BY	DRAWN BY	OFFICE
ibvl_139445_0007_fire_stations	XXX	XXX	5/27/10	BTR
	XXX	XXX	B. Holt	

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Mxd\MXD\ibvl_139445_0007_fire_stations.mxd)
9/2/2010 - 3:12:2 PM

Shaw

IBERVILLE PARISH

ATTACHMENT c2-4.3

CRITICAL FACILITIES - FIRE STATIONS

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

MapID	Location
1	Gross Tete Police Department (Town Hall)
2	Iberville Parish Sheriff Sub Station Maringouin
3	Maringouin Police Department
4	Auxillary Building
5	Iberville Sheriff's Office (Courthouse)
6	Iberville Sheriff's Office (Jail)
7	Plaquemine Police Department
8	Rosedale Police Department (Town Hall)
9	Elaine Hunt Correctional Institute
10	Iberville Parish Substation East Iberville
11	LA Correctional Institute for Women
12	St. Gabriel Police Department (City Hall)
13	White Castle Police Department (Town Hall)

N

4 2 0 4 Miles

Legend

- Police Stations
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

DRAWING NUMBER	ibvl_139445_0006_police
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	5/27/10
	B. Holt
OFFICE	BTR

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0006_police.mxd)
6/3/2010 - 3:39:42 PM

Shaw

IBERVILLE PARISH

ATTACHMENT c2-4.4

CRITICAL FACILITIES - POLICE STATIONS

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

MapID	Location
1	Health Unit
2	Plaquemine Caring
3	Plaquemine Manor Nursing Home

N

4 2 0 4 Miles

Legend

- Public Health Facility
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

Shaw

IBERVILLE PARISH

ATTACHMENT c2-4.5

CRITICAL FACILITIES - PUBLIC HEALTH

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER	ibvl_139445_0011_public_health
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	B. Holt
	5/27/10
OFFICE	BTR

Livonia
Krotz Springs
POINTE COUPEE
Maringouin
Rosedale
Grosse Tete
ST LANDRY
WEST BATON ROUGE
Port Allen
Baker
Brownfields
Monticello
Denham Springs
Baton Rouge
Westminster
Inniswold
Shenandoah
Old Jefferson
EAST BATON ROUGE
Brusly
Addis
Oak Hills Place
Village St. George
Gardere
Plaquemine
St. Gabriel
White Castle
Donaldsonville
Belle Rose
ASSUMPTION
ASCENSION
Henderson
ST MARTIN
IBERIA
Paincourtville
Pierre Part

MapID	Location
1	Plaquemine Water Plant
2	Water District #3 and #4 (wells and towers)
3	Plaquemine Water Well Site

N

4 2 0 4 Miles

Legend

- Potable Water Location
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
BTR	B. Holt 5/27/10	XXX XXX	XXX XXX	ibvl_139445_0019_potable_water

IBERVILLE PARISH

ATTACHMENT c2-4.6

CRITICAL FACILITIES - POTABLE WATER

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0019_potable_water.mxd) 5/21/2010 - 1:57:06 PM

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APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	7/21/10
	B. Holt
OFFICE	BTR

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcViewGIS_Documents\Project_Maps\MXD\ibv4_139445_0014_lidar.mxd)
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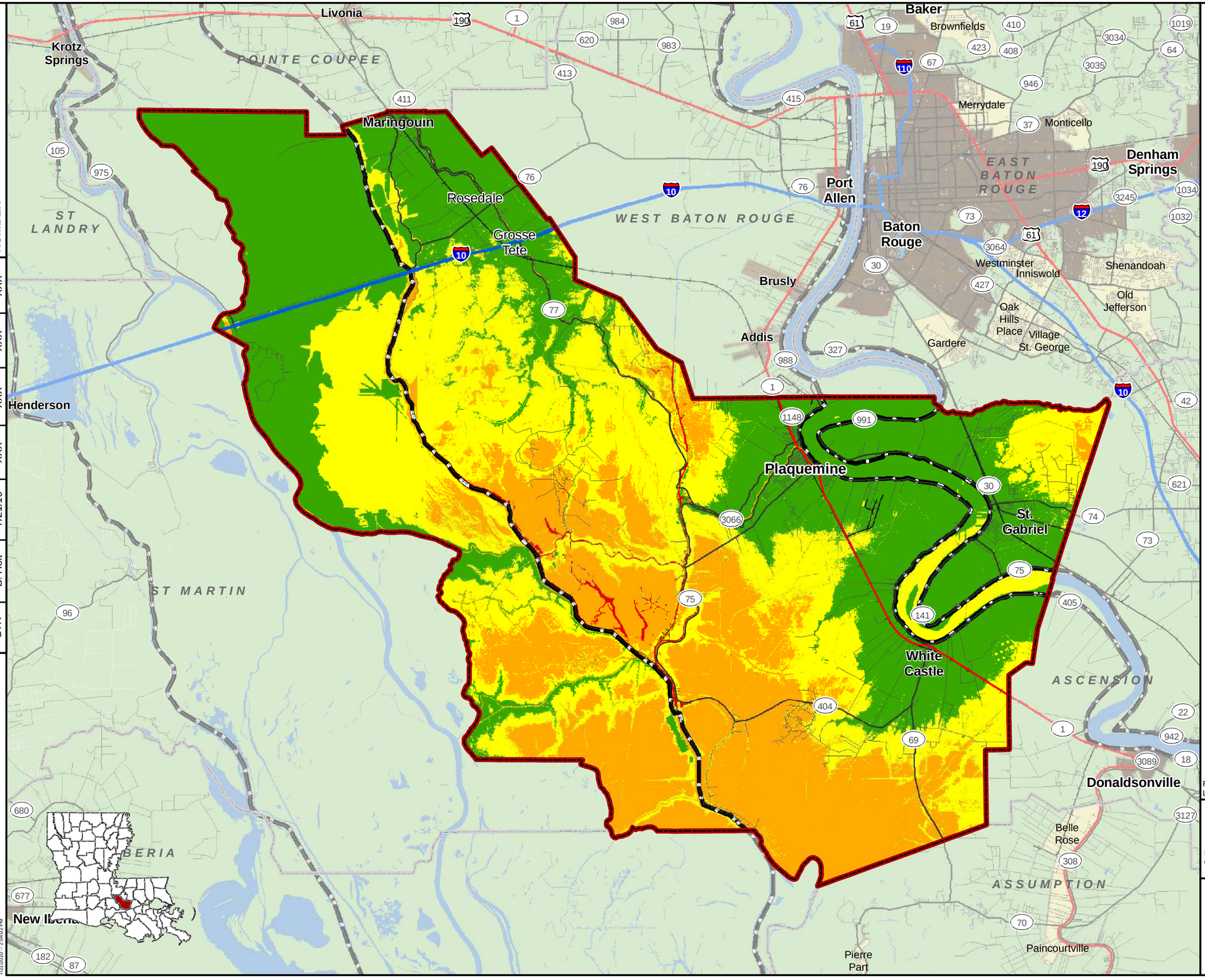

N

4 2 0 4 Miles

Legend

LIDAR Elevation (ft)

- < 0
- 0 - 5
- 5 - 10
- > 10
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
LIDAR Elevation data obtained from LSU Atlas website for Iberville Parish.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-5

LIDAR ELEVATIONS

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0015_andrew

APPROVED BY	XXX	
	XXX	
CHECKED BY	XXX	
	XXX	
DRAWN BY	B. Holt	7/21/10
OFFICE	BTR	

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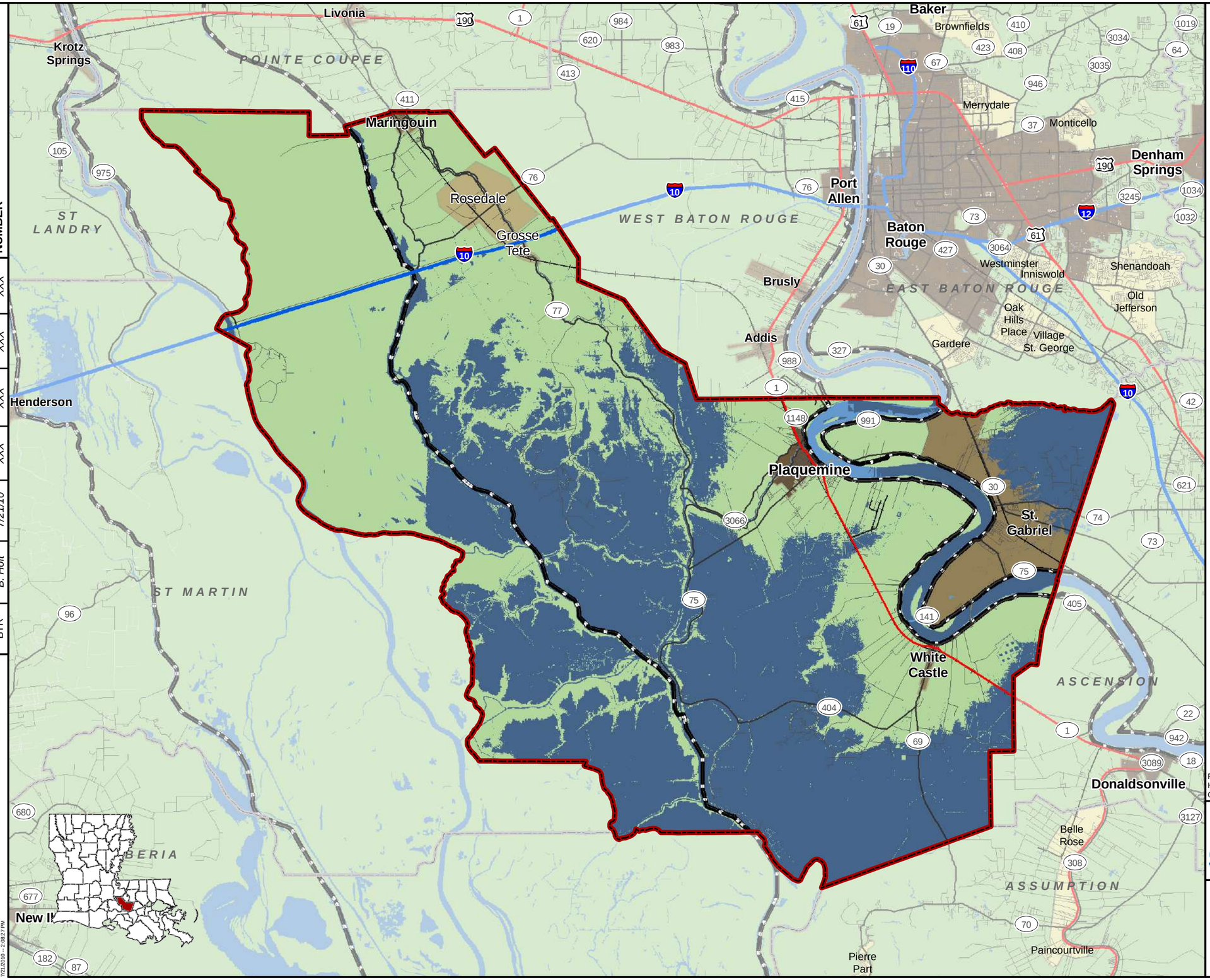

Legend

- Area of Inundation
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Hurricane Andrew inundation areas determined by using USACE Historical Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-6

HURRICANE ANDREW INUNDATION

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0016_katrina

APPROVED BY	XXX	
	XXX	
CHECKED BY	XXX	
	XXX	
DRAWN BY	7/21/10	
	B. Holt	
OFFICE	BTR	

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0016_katrina.mxd)
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Livonia
Krotz Springs
POINTE COUPEE
Maringouin
Rosedale
Grosse Tete
ST LANDRY
WEST BATON ROUGE
Port Allen
Baker
Brownfields
Merrydale
Monticello
Denham Springs
Baton Rouge
Westminster
Inniswold
Shenandoah
Old Jefferson
EAST BATON ROUGE
Brusly
Addis
Gardere
Oak Hills Place
Village St. George
Henderson
Plaquemine
St. Gabriel
White Castle
ASCENSION
Donaldsonville
Belle Rose
ASSUMPTION
Paincourtville
Pierre Part
ST MARTIN
IBERIA
New Iberia

N

4 2 0 4 Miles

Legend

- Area of Inundation
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Hurricane Katrina inundation areas determined by using USACE Historic Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-7

HURRICANE KATRINA INUNDATION

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER	ibvl_139445_0017_gustav
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	7/21/10
	B. Holt
OFFICE	BTR

Map Document: (I:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0017_gustav.mxd)
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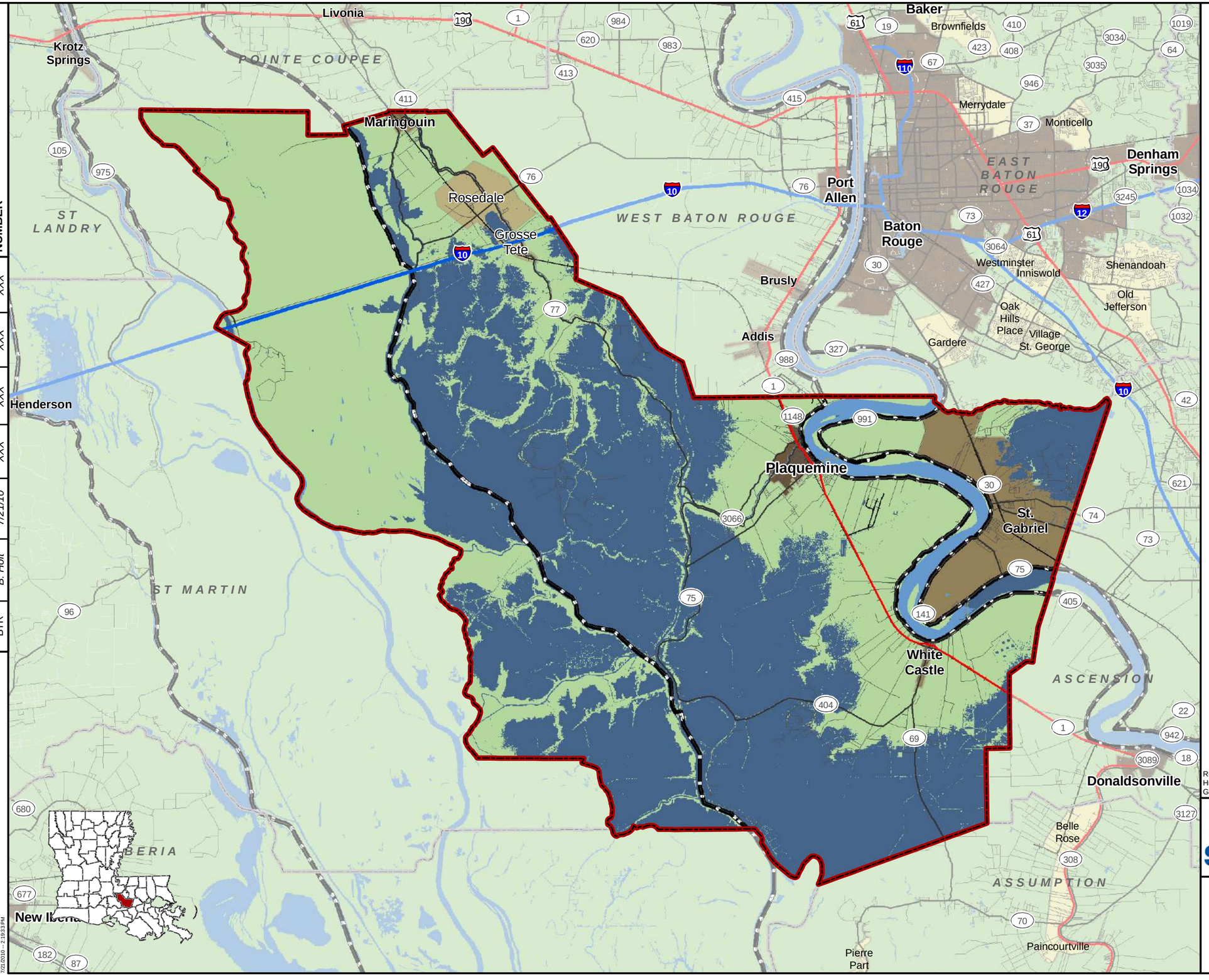

Legend

- Area of Inundation
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Hurricane Gustav inundation areas determined by using USACE Historic Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-8

HURRICANE GUSTAV INUNDATION

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0004_windspeed

APPROVED BY	XXX
	XXX
CHECKED BY	XXX
DRAWN BY	B. Holt 5/27/10
OFFICE	BTR

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0004_windspeed.mxd)
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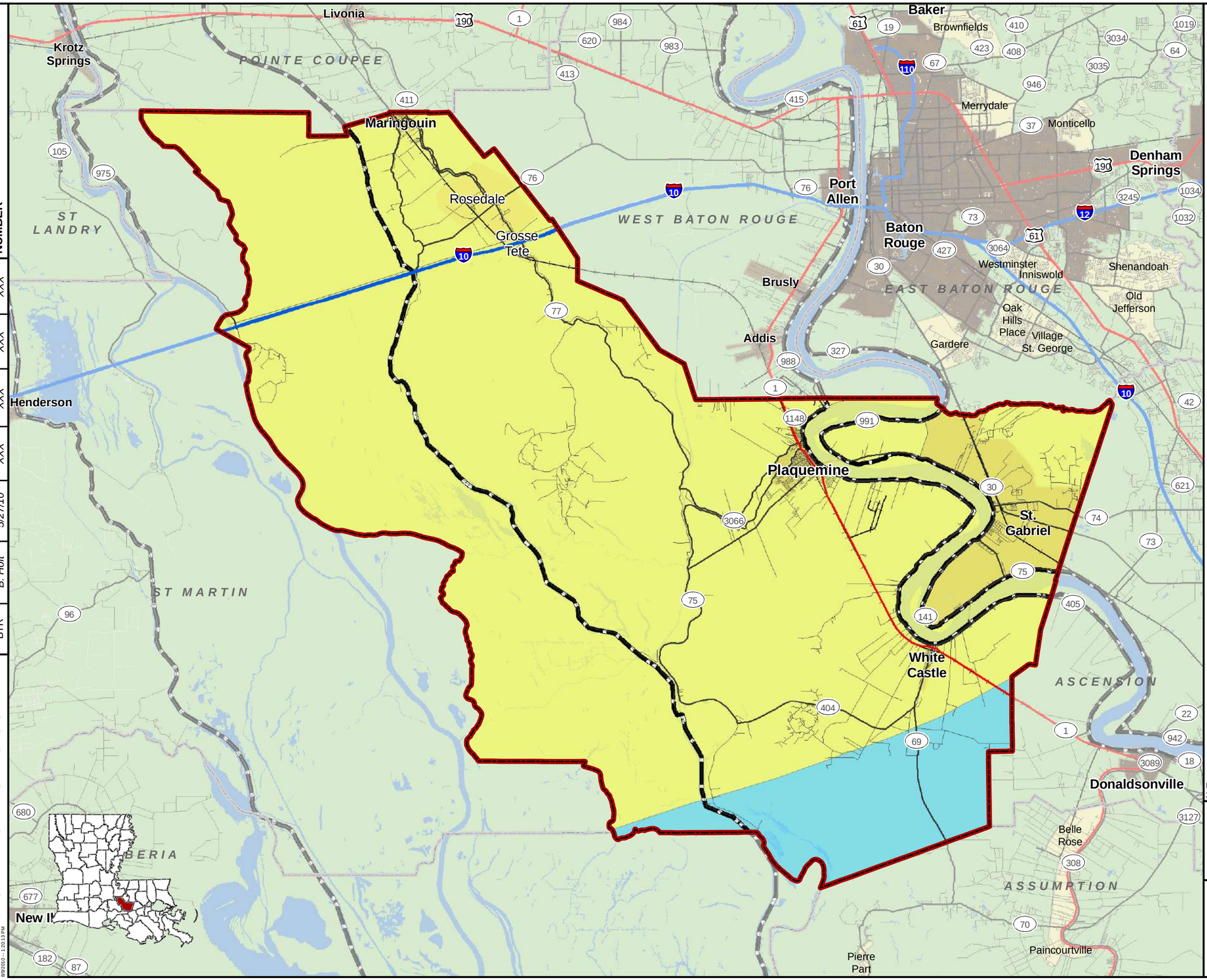


Legend

2003 IRC/IBC Wind Speed

- > 100 mph - 110 mph
- > 110 mph - 120 mph
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
2003 IRC/IBC Wind Speed Map - State of Louisiana

Shaw

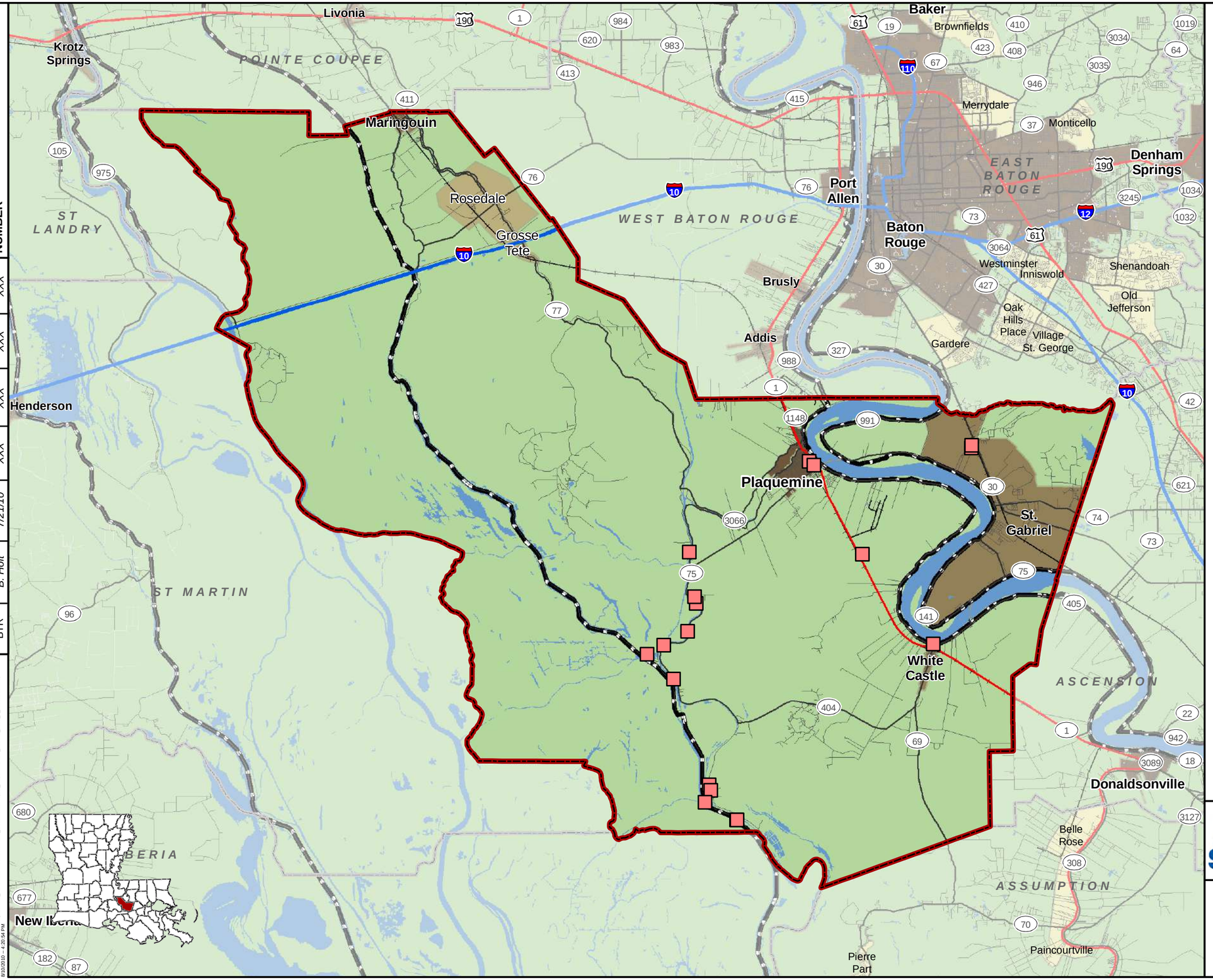
IBERVILLE PARISH

ATTACHMENT c2-9

WIND SPEED MAP

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER	ibvl_139445_0020_rl_structures
APPROVED BY	XXX
	XXX
CHECKED BY	XXX
	XXX
DRAWN BY	B. Holt
	7/21/10
OFFICE	BTR



N

4 2 0 4 Miles

Legend

- Repetitive Loss Structures
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

Shaw

IBERVILLE PARISH

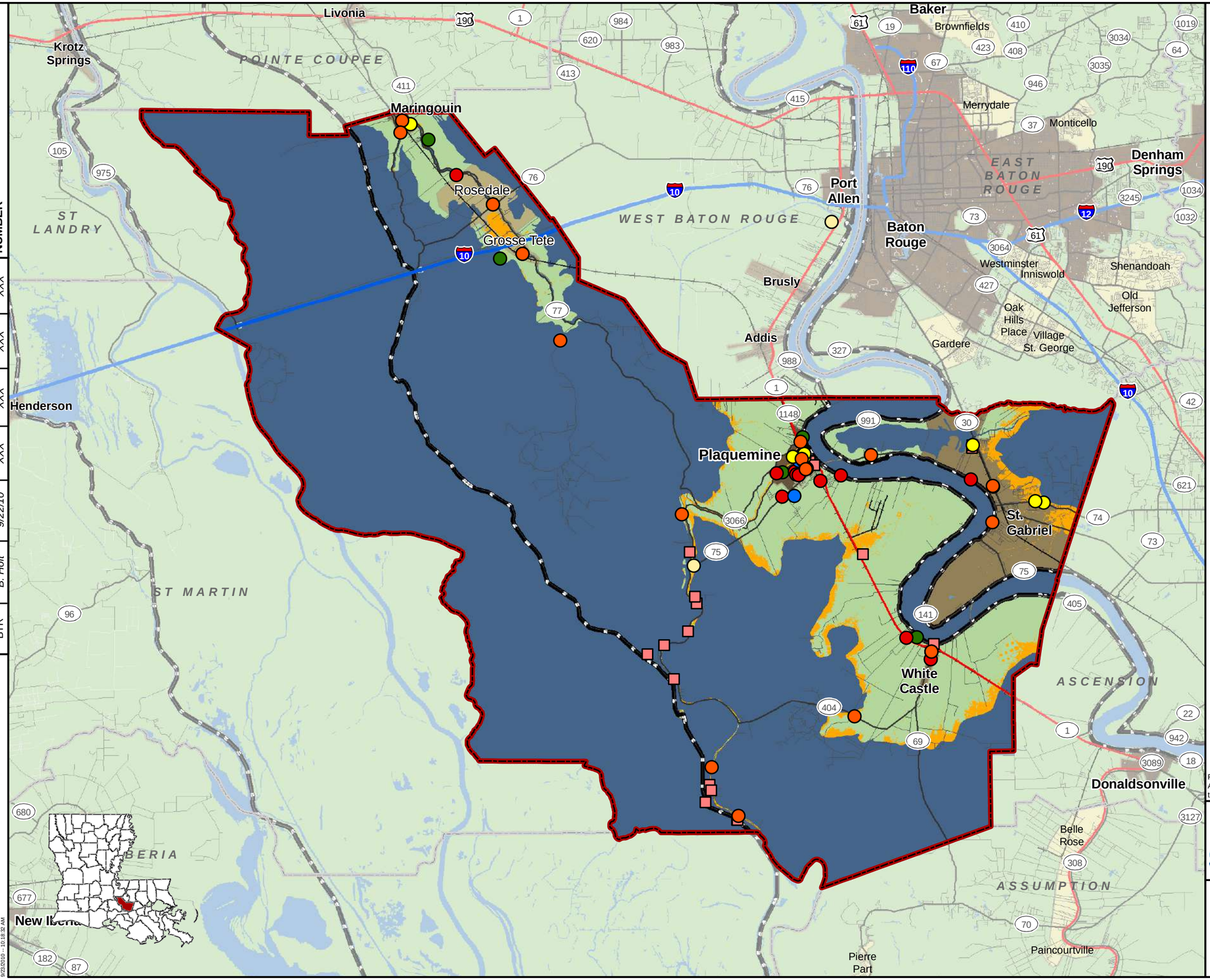
ATTACHMENT c2-10

REPETITIVE LOSS STRUCTURES

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0028_composite

APPROVED BY	XXX	
CHECKED BY	XXX	
DRAWN BY	XXX	9/22/10
OFFICE	B. Holt	
	BTR	



N

4 2 0 4 Miles

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-11.1

COMPOSITE RISK

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0028_composite.mxd)
9/22/2010 - 10:10:26 AM

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CHECKED BY	XXX
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DRAWN BY	B. Holt
	9/23/10
OFFICE	BTR

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcViewGIS_Documents\Project_Maps\MXD\ibvl_139445_0029_composite_grossetete.mxd)
9/28/2010 - 10:24:01 AM

N

1,000 500 0 1,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-11.2

COMPOSITE RISK - GROSSE TETE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0030_composite_maringouin

APPROVED BY: XXX | XXX | XXX

CHECKED BY: XXX | XXX | XXX

DRAWN BY: B. Holt | 9/23/10

OFFICE: BTR

N

1,000 500 0 1,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-11.3

COMPOSITE RISK - MARINGOUIN

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0030_composite_maringouin.mxd)
9/23/2010 - 10:44:41 AM

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CHECKED BY	XXX
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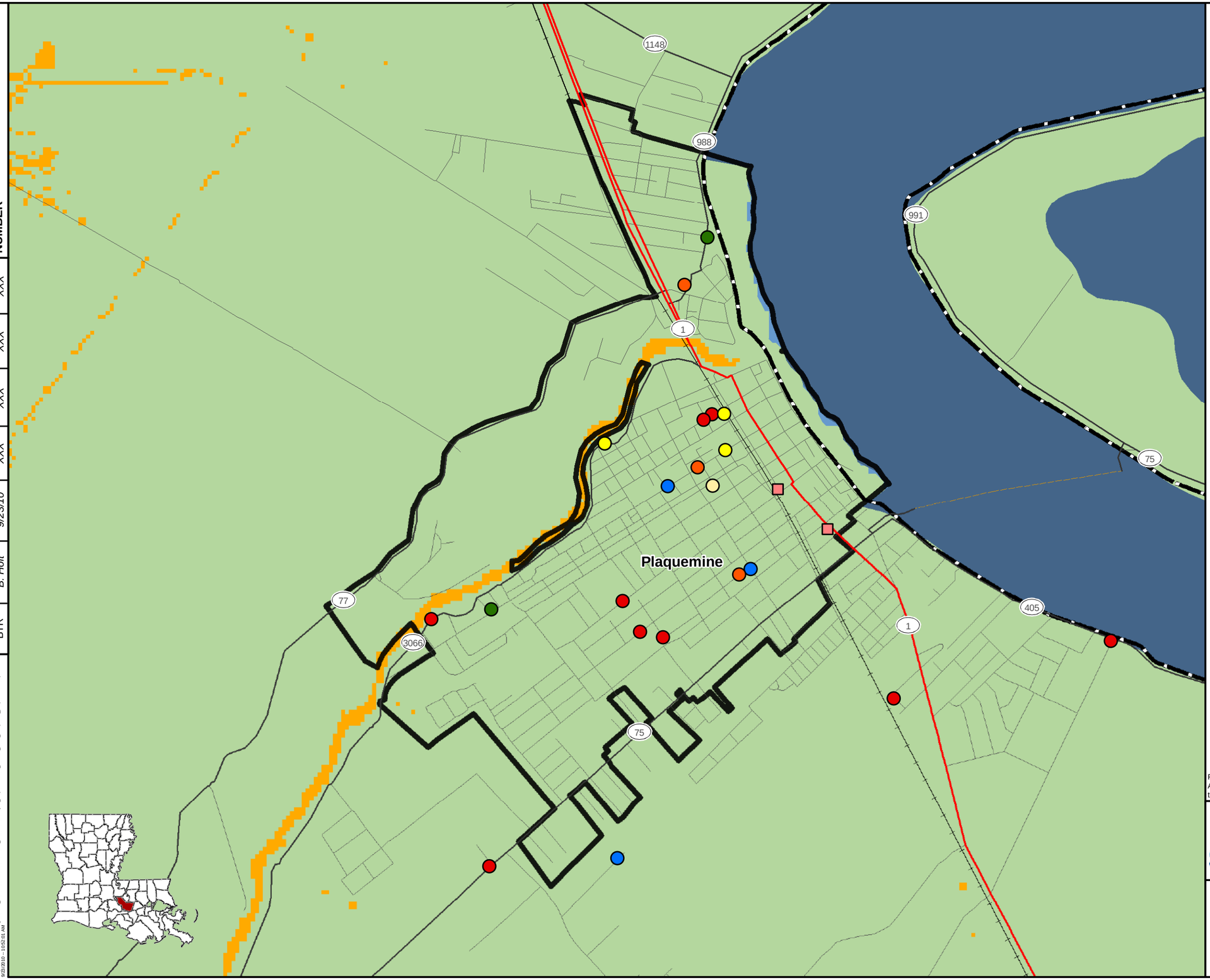
DRAWN BY	B. Holt
	9/23/10
OFFICE	BTR



N

2,000 1,000 0 2,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-11.4

COMPOSITE RISK - PLAQUEMINE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcViewGIS_Documents\Project_Maps\MXD\ibvl_139445_0031_composite_plaquemine.mxd)
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APPROVED BY	XXX
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DRAWN BY	9/23/10
	B. Holt
OFFICE	BTR

N

2,000 1,000 0 2,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-11.5

COMPOSITE RISK - ROSEDALE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

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CHECKED BY	XXX
	XXX
DRAWN BY	B. Holt
	9/23/10
OFFICE	BTR

WEST BATON ROUGE

EAST BATON ROUGE

ASCENSION

St. Gabriel

White Castle

327 991 405 30 74 75 1 141 69 61 73 427 10 621

N

6,000 3,000 0 6,000 Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-11.6

COMPOSITE RISK - ST. GABRIEL

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcViewGIS_Documents\Project_Maps\MXD\ibvl_139445_0033_composite_stgabriel.mxd)
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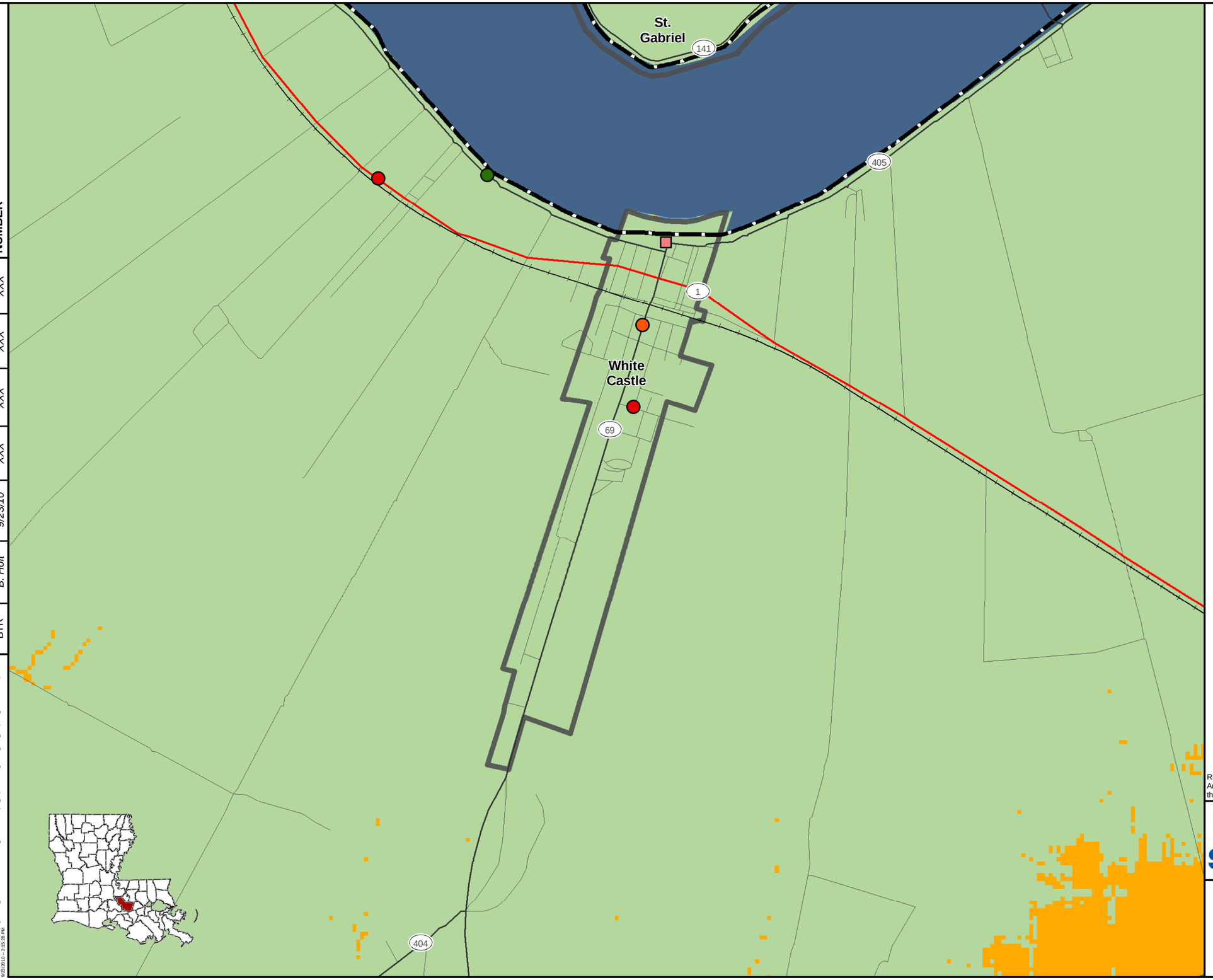
	9/23/10
OFFICE	BTR



N

2,000 1,000 0 2,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Area at Risk

- Inside 100 Year Floodplain
- Outside 100 Year Floodplain
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Areas at risk were determined by using USACE Historic Gauge HWM data and the Iberville Parish FEMA 100 Year Floodplain.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-11.7

COMPOSITE RISK - WHITE CASTLE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

DRAWING NUMBER: ibvl_139445_0021_leveefail

APPROVED BY	XXX	
CHECKED BY	XXX	
DRAWN BY	B. Holt	8/18/10
OFFICE	BTR	

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0021_leveefail.mxd)
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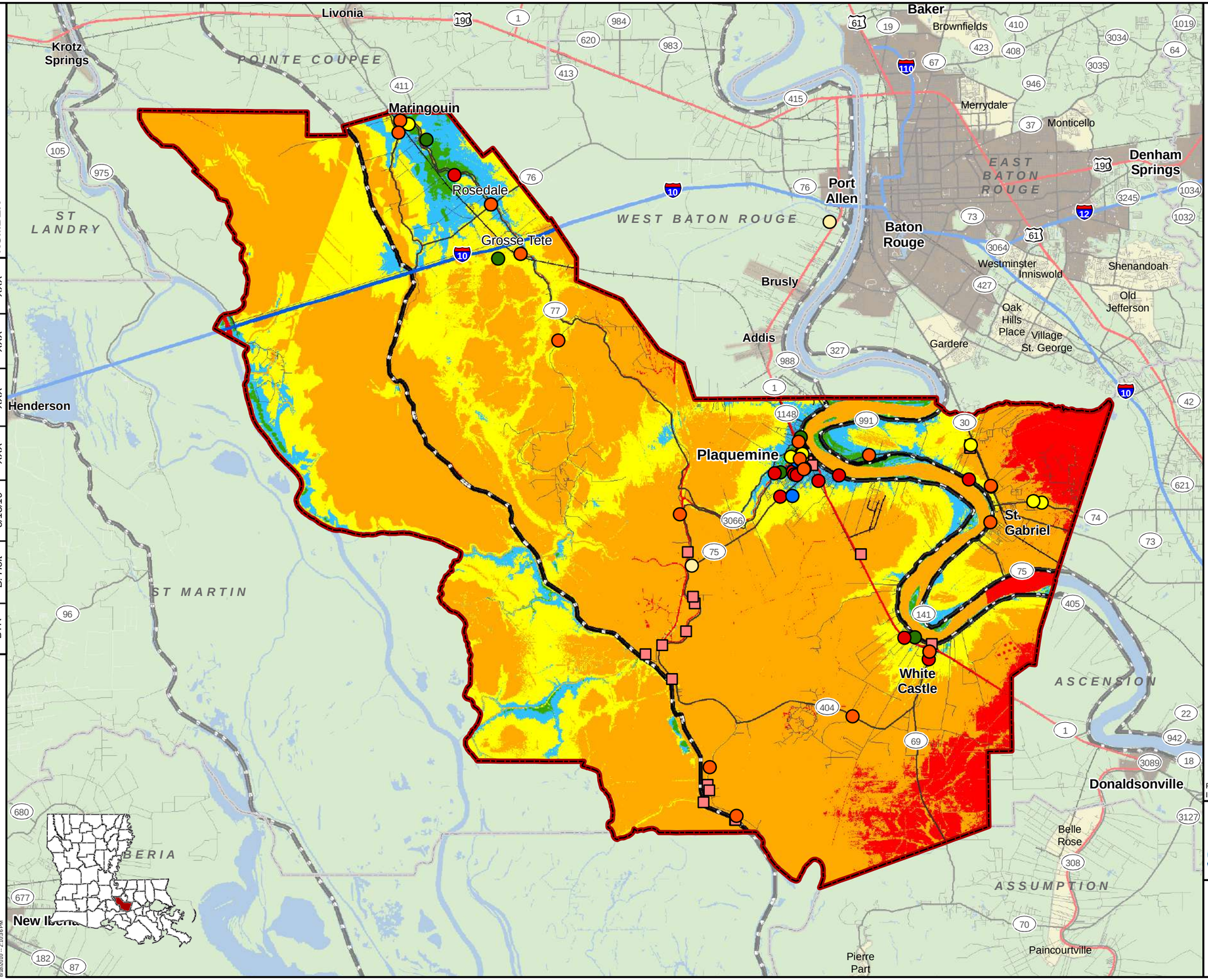

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-12.1

LEVEE FAILURE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

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CHECKED BY	XXX
	XXX
DRAWN BY	8/18/10
	B. Holt
OFFICE	BTR

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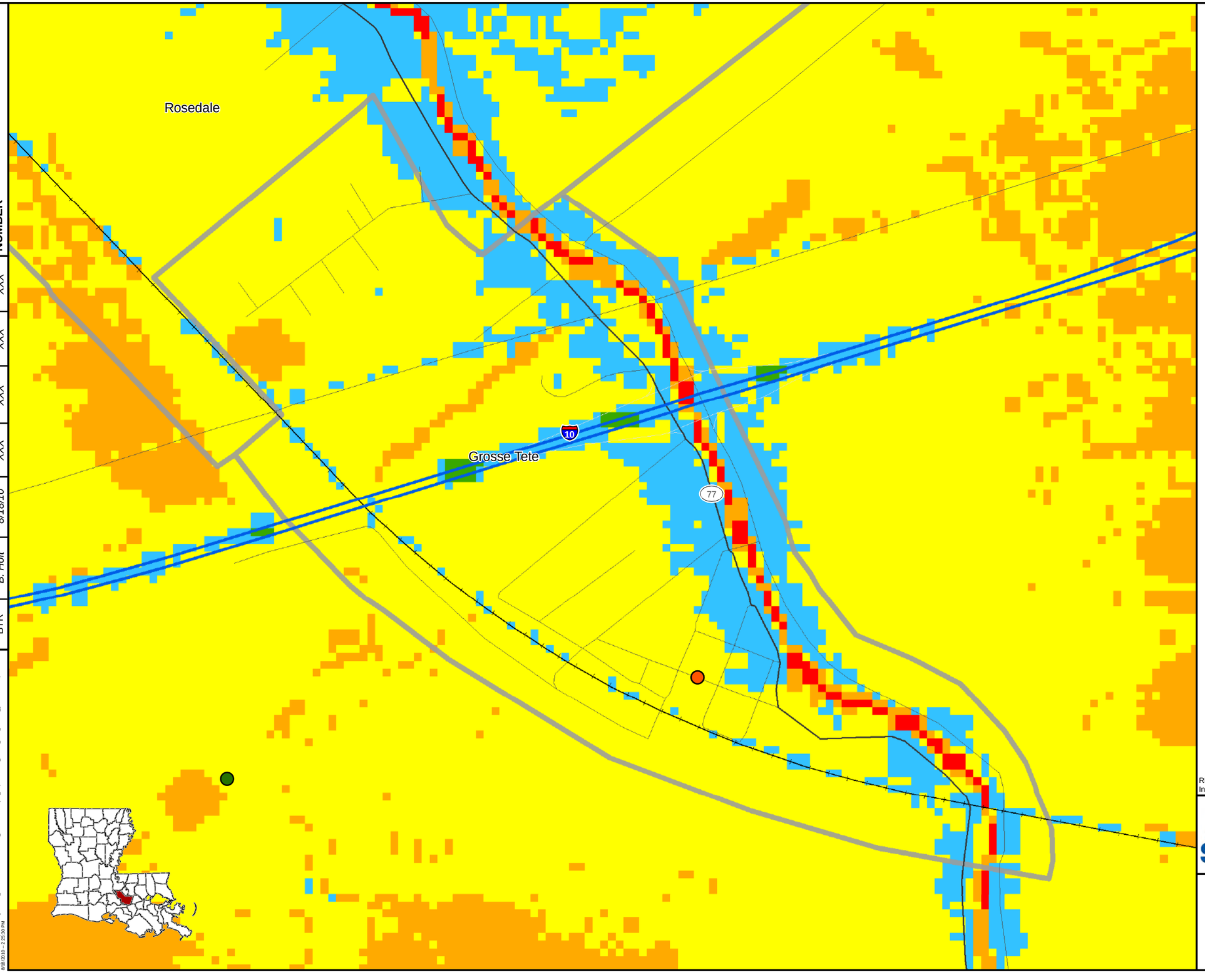

N

1,000 500 0 1,000
Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-12.2

LEVEE FAILURE - GROSSE TETE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

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APPROVED BY	XXX
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CHECKED BY	XXX
	XXX
DRAWN BY	8/18/10
	B. Holt
OFFICE	BTR

POINTE COUPEE

Maringouin

77

411

76

N

1,000 500 0 1,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-12.3

LEVEE FAILURE - MARINGOUIN

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (G:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0023_leveefail_maringouin.mxd)
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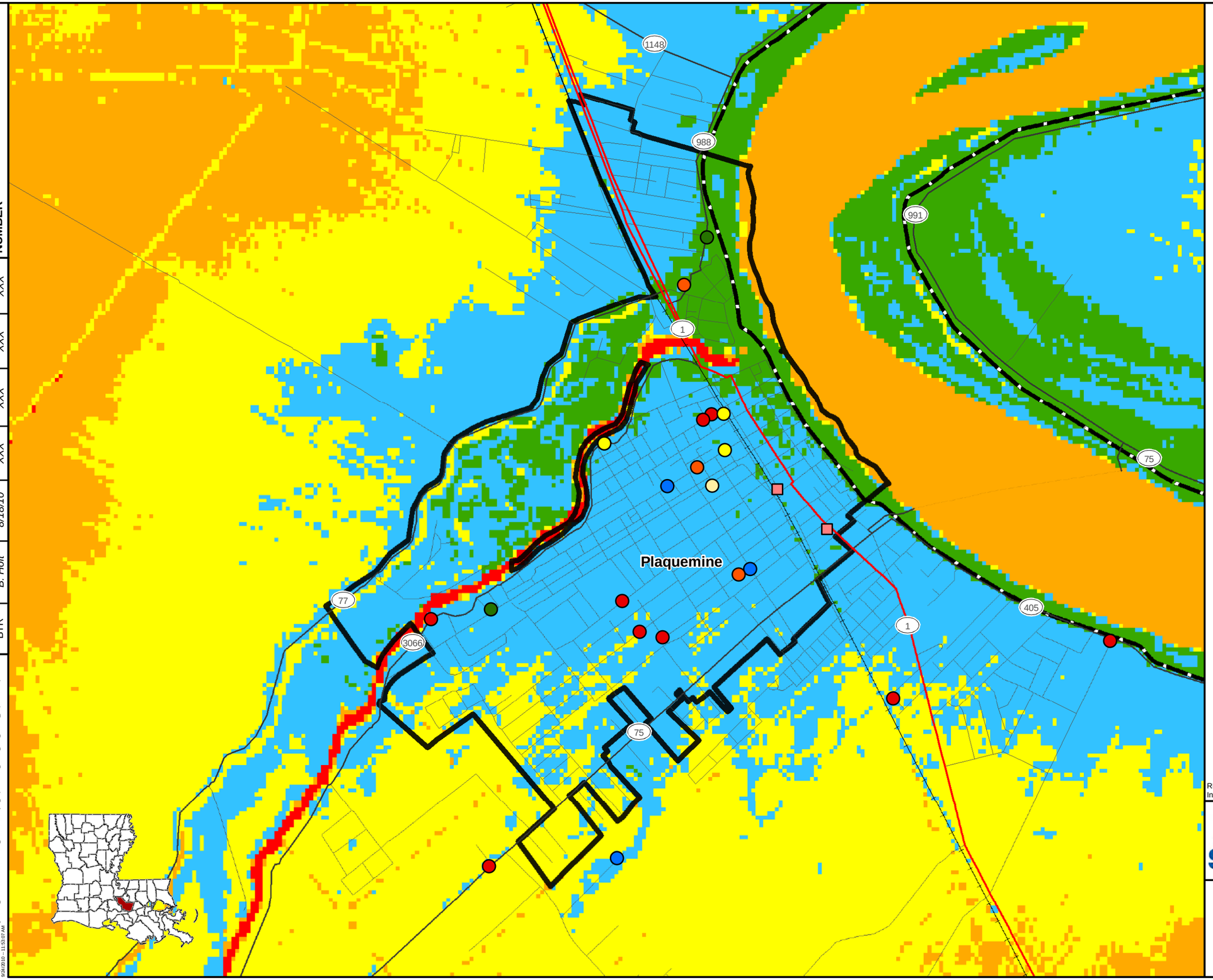

N

2,000 1,000 0 2,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-12.4

LEVEE FAILURE - PLAQUEMINE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\Ibvl_139445_0024_leveefail_plaquemine.mxd)
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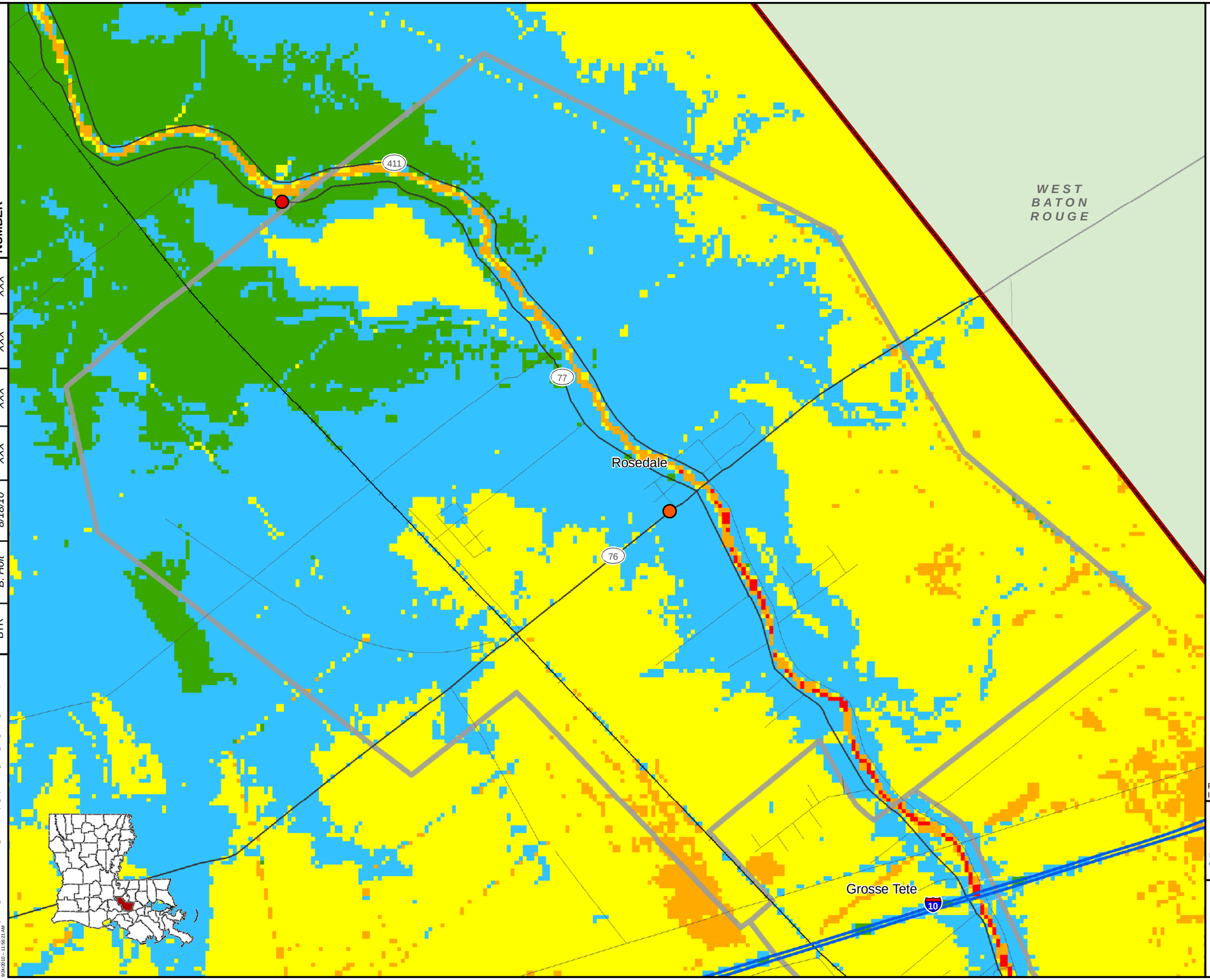
	B. Holt
OFFICE	BTR



N

2,000 1,000 0 2,000

Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-12.5

LEVEE FAILURE - ROSEDALE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0025_leveefail_rosedale.mxd)
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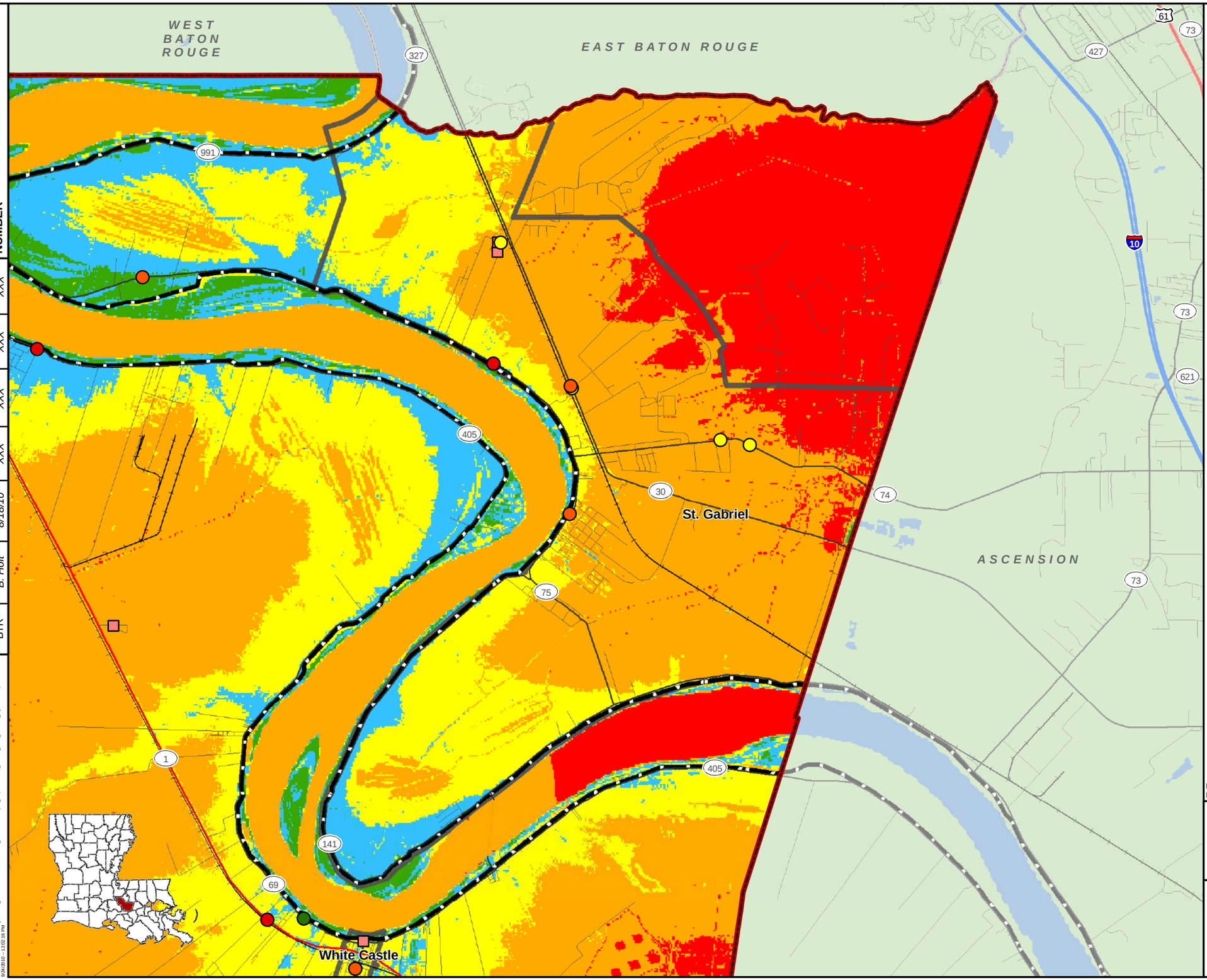
		XXX	XXX	



N

6,000 3,000 0 6,000 Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw

IBERVILLE PARISH

ATTACHMENT c2-12.6

LEVEE FAILURE - ST. GABRIEL

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\Rvl_139445_0026_leveefail_stgabriel.mxd)
8/18/2010 - 12:52:10 PM

DRAWING NUMBER: ibvl_139445_0027_leveefail_whitecastle

APPROVED BY		XXX
		XXX
CHECKED BY		XXX
		XXX
DRAWN BY	B. Holt	8/18/10
OFFICE	BTR	

St. Gabriel

White Castle

141 405 1 69 404

N

2,000 1,000 0 2,000 Feet

Legend

- Fire Stations
- Police Stations
- Potable Water Location
- Public Health Facility
- Repetitive Loss Structures
- Schools
- Sewer Treatment Locations

Flood Depth in Feet

- Not Flooded
- 0 - 5
- 5 - 10
- 10 - 20
- > 20
- Primary Limited Access
- Primary US & State Highways
- Secondary State & County
- Local, Neighborhood, Rural
- Ferry
- Other
- Railroads
- Levees
- Iberville Parish Boundary
- Surrounding Parish Boundaries

Places

- Census Designated Place
- Village
- Town
- City

REFERENCE:
Inundation areas determined by using USACE Historic Gauge HWM data.

Shaw®

IBERVILLE PARISH

ATTACHMENT c2-12.7

LEVEE FAILURE - WHITE CASTLE

IBERVILLE PARISH HAZARD MITIGATION PLAN UPDATE

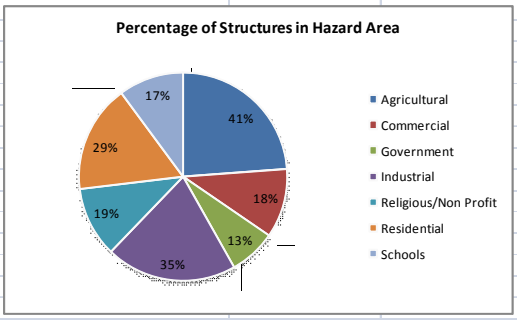
Map Document: (J:\Drafting\Iberville_Parish\139445\ArcView\GIS_Documents\Project_Maps\MXD\ibvl_139445_0027_leveefail_whitecastle.mxd)
8/18/2010 - 12:52:32 PM

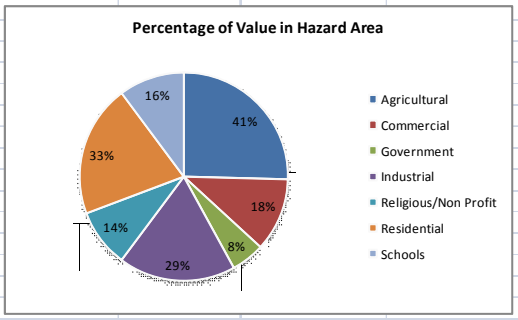
Attachment c2-13.1
Worksheet 3A—Parishwide

Composite Risk Flood Event

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	44	18	41%	$ 5,552,000	$ 2,257,000	41%
Commercial	608	112	18%	$ 217,239,000	$ 39,629,000	18%
Government	40	5	13%	$ 23,735,000	$ 1,971,000	8%
Industrial	143	50	35%	$ 119,520,000	$ 34,793,000	29%
Religious/Non Profit	96	18	19%	$ 53,047,000	$ 7,678,000	14%
Residential	13,323	3,834	29%	$ 1,363,900,000	$ 448,240,000	33%
Schools	23	4	17%	$ 15,461,000	$ 2,517,000	16%
Total	**14,277**	**4,041**	**28%**	**$ 1,798,454,000**	**$ 537,085,000**	**30%**

	# in Community	# in Hazard Area	% in Hazard Area
Population	33,280	11,577	35%

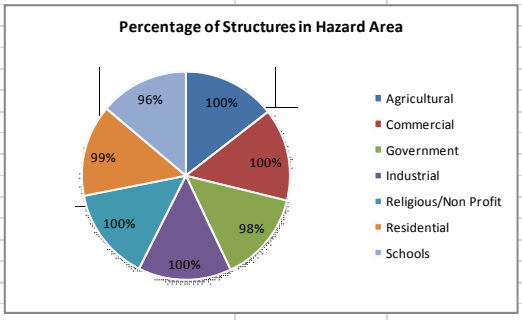


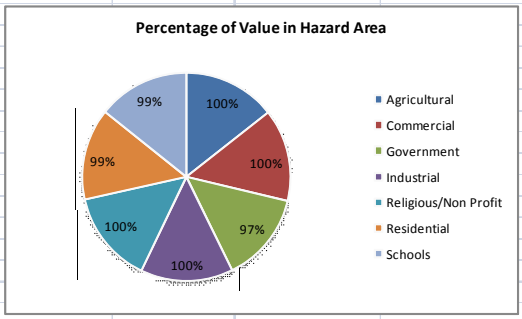


Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	44	44	100%	$ 5,552,000	$ 5,552,000	100%
Commercial	608	605	100%	$ 217,239,000	$ 216,864,000	100%
Government	40	39	98%	$ 23,735,000	$ 23,127,000	97%
Industrial	143	143	100%	$ 119,520,000	$ 119,520,000	100%
Religious/Non Profit	96	96	100%	$ 53,047,000	$ 53,047,000	100%
Residential	13,323	13,142	99%	$ 1,363,900,000	$ 1,349,080,000	99%
Schools	23	22	96%	$ 15,461,000	$ 15,336,000	99%
Total	**14,277**	**14,091**	**99%**	**$ 1,798,454,000**	**$ 1,782,526,000**	**99%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	33,280	32,921	99%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	44	4	9%	$ 5,552,000	$ 499,680	9%
Commercial	608	55	9%	$ 217,239,000	$ 19,551,510	9%
Government	40	4	9%	$ 23,735,000	$ 2,136,150	9%
Industrial	143	13	9%	$ 119,520,000	$ 10,756,800	9%
Religious/Non Profit	96	9	9%	$ 53,047,000	$ 4,774,230	9%
Residential	13,323	1,199	9%	$ 1,363,900,000	$ 122,751,000	9%
Schools	23	2	9%	$ 15,461,000	$ 1,391,490	9%
Total	**14,277**	**1,285**	**9%**	**$ 1,798,454,000**	**$ 161,860,860**	**9%**

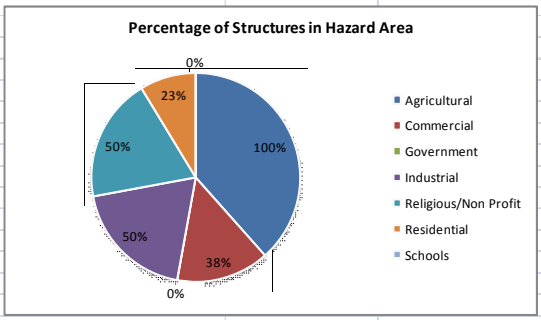
	# in Community	# in Hurricane Area	% in Hurricane Area
Population	33,280	2,995	9%

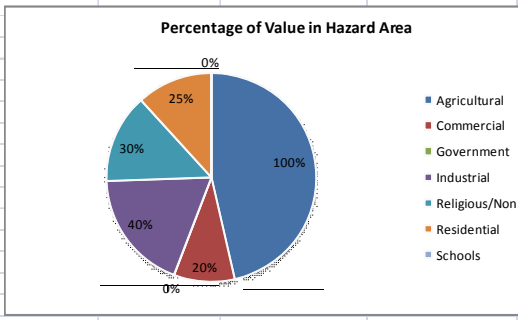
Attachment c2-13.2
Worksheet 3A—Grosse Tete

Composite Risk Flood Event

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	1	1	100%	$ 51,000	$ 51,000	100%
Commercial	16	6	38%	$ 5,583,000	$ 1,134,000	20%
Government	4	0	0%	$ 1,753,000	$ -	0%
Industrial	4	2	50%	$ 621,000	$ 249,000	40%
Religious/Non Profit	4	2	50%	$ 2,323,000	$ 690,000	30%
Residential	323	73	23%	$ 31,388,000	$ 7,954,000	25%
Schools	1	0	0%	$ 51,000	$ -	0%
Total	**353**	**84**	**24%**	**$ 41,770,000**	**$ 10,078,000**	**24%**

	# in Community	# in Hazard Area	%in Hazard Area
Population	670	162	24%

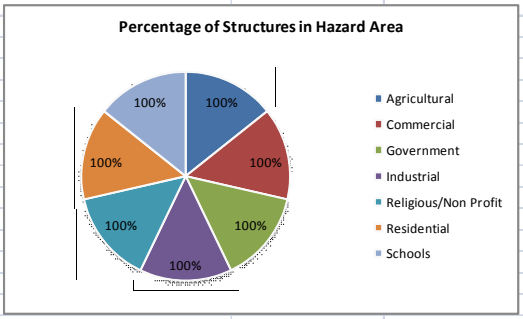


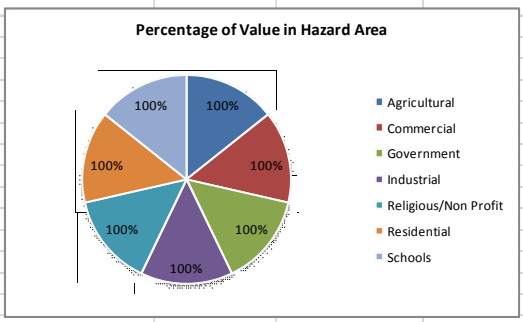


Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	1	1	100%	$ 51,000	$ 51,000	100%
Commercial	16	16	100%	$ 5,583,000	$ 5,583,000	100%
Government	4	4	100%	$ 1,753,000	$ 1,753,000	100%
Industrial	4	4	100%	$ 621,000	$ 621,000	100%
Religious/Non Profit	4	4	100%	$ 2,323,000	$ 2,323,000	100%
Residential	323	323	100%	$ 31,388,000	$ 31,388,000	100%
Schools	1	1	100%	$ 51,000	$ 51,000	100%
Total	**353**	**353**	**100%**	**$ 41,770,000**	**$ 41,770,000**	**100%**

	# in Community	# in Levee Failure Area	%in Levee Failure Area
Population	670	670	100%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	1	0	9%	$ 51,000	$ 4,590	9%
Commercial	16	1	9%	$ 5,583,000	$ 502,470	9%
Government	4	0	9%	$ 1,753,000	$ 157,770	9%
Industrial	4	0	9%	$ 621,000	$ 55,890	9%
Religious/Non Profit	4	0	9%	$ 2,323,000	$ 209,070	9%
Residential	323	29	9%	$ 31,388,000	$ 2,824,920	9%
Schools	1	0	9%	$ 51,000	$ 4,590	9%
Total	**353**	**32**	**9%**	**$ 41,770,000**	**$ 3,759,300**	**9%**

	# in Community	# in Hurricane Area	% in Hurricane Area
Population	670	60	9%

Attachment c2-13.3
Worksheet 3A—Maringouin

Composite Risk Flood Event

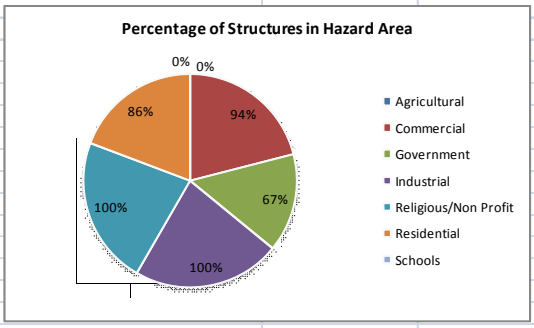
Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	0	0	0%	$ -	$ -	0%
Commercial	16	0	0%	$ 4,978,000	$ -	0%
Government	3	0	0%	$ 896,000	$ -	0%
Industrial	7	0	0%	$ 6,416,000	$ -	0%
Religious/Non Profit	3	0	0%	$ 1,650,000	$ -	0%
Residential	648	0	0%	$ 40,991,000	$ -	0%
Schools	1	0	0%	$ 125,000	$ -	0%
Total	**678**	**0**	**0%**	**$ 55,056,000**	**$ -**	**0%**

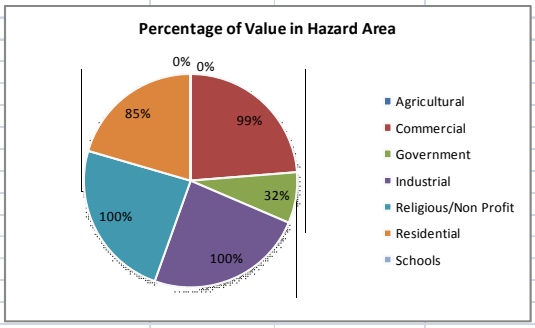
	# in Community	# in Hazard Area	%in Hazard Area
Population	1,253	0	0

Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	0	0	0%	$ -	$ -	0%
Commercial	16	15	94%	$ 4,978,000	$ 4,915,000	99%
Government	3	2	67%	$ 896,000	$ 288,000	32%
Industrial	7	7	100%	$ 6,416,000	$ 6,416,000	100%
Religious/Non Profit	3	3	100%	$ 1,650,000	$ 1,650,000	100%
Residential	648	557	86%	$ 40,991,000	$ 34,951,000	85%
Schools	1	0	0%	$ 125,000	$ -	0%
Total	**678**	**584**	**86%**	**$ 55,056,000**	**$ 48,220,000**	**88%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	1,253	1,036	83%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	1	0	9%	$ -	$ -	9%
Commercial	16	1	9%	$ 4,978,000	$ 448,020	9%
Government	4	0	9%	$ 896,000	$ 80,640	9%
Industrial	4	0	9%	$ 6,416,000	$ 577,440	9%
Religious/Non Profit	4	0	9%	$ 1,650,000	$ 148,500	9%
Residential	323	29	9%	$ 40,991,000	$ 3,689,190	9%
Schools	1	0	9%	$ 125,000	$ 11,250	9%
Total	**353**	**32**	**9%**	**$ 55,056,000**	**$ 4,955,040**	**9%**

	# in Community	# in Hurricane Area	% in Hurricane Area
Population	1,253	113	9%

Attachment c2-13.4
Worksheet 3A—Plaquemine

Composite Risk Flood Event

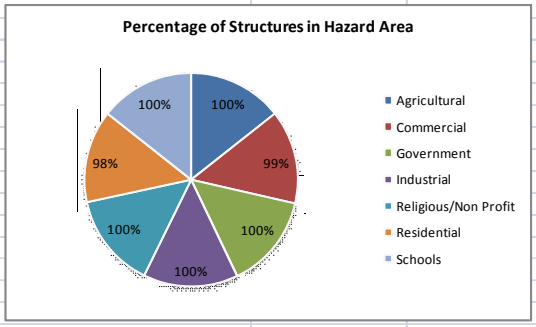
Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	6	0	0%	$ 676,000	$ -	0%
Commercial	221	0	0%	$ 74,864,000	$ -	0%
Government	9	0	0%	$ 6,040,000	$ -	0%
Industrial	23	0	0%	$ 3,998,000	$ -	0%
Religious/Non Profit	34	0	0%	$ 18,773,000	$ -	0%
Residential	3,367	0	0%	$ 365,808,000	$ -	0%
Schools	7	0	0%	$ 5,607,000	$ -	0%
Total	**3,667**	**0**	**0%**	**$ 475,766,000**	**$ -**	**0%**

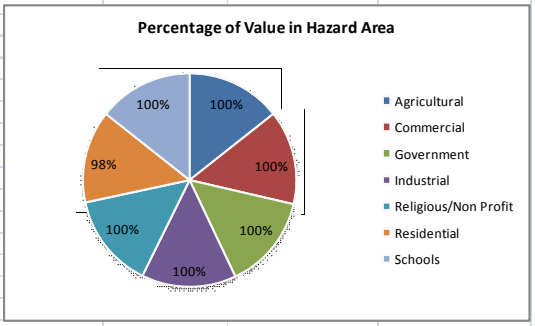
	# in Community	# in Hazard Area	%in Hazard Area
Population	7,101	0	0

Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	6	6	100%	$ 676,000	$ 676,000	100%
Commercial	221	219	99%	$ 74,864,000	$ 74,552,000	100%
Government	9	9	100%	$ 6,040,000	$ 6,040,000	100%
Industrial	23	23	100%	$ 3,998,000	$ 3,998,000	100%
Religious/Non Profit	34	34	100%	$ 18,773,000	$ 18,773,000	100%
Residential	3,367	3,291	98%	$ 365,808,000	$ 357,381,000	98%
Schools	7	7	100%	$ 5,607,000	$ 5,607,000	100%
Total	**3,667**	**3,589**	**98%**	**$ 475,766,000**	**$ 467,027,000**	**98%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	7,101	6,978	98%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	6	1	9%	$ 676,000	$ 60,840	9%
Commercial	221	20	9%	$ 74,864,000	$ 6,737,760	9%
Government	9	1	9%	$ 6,040,000	$ 543,600	9%
Industrial	23	2	9%	$ 3,998,000	$ 359,820	9%
Religious/Non Profit	34	3	9%	$ 18,773,000	$ 1,689,570	9%
Residential	3,367	303	9%	$ 365,808,000	$ 32,922,720	9%
Schools	7	1	9%	$ 5,607,000	$ 504,630	9%
Total	**3,667**	**330**	**9%**	**$ 475,766,000**	**$ 42,818,940**	**9%**

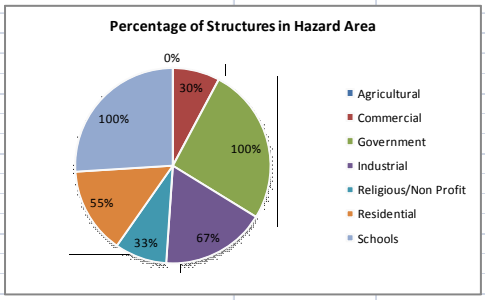
	# in Community	# in Hurricane Area	% in Hurricane Area
Population	7,101	639	9%

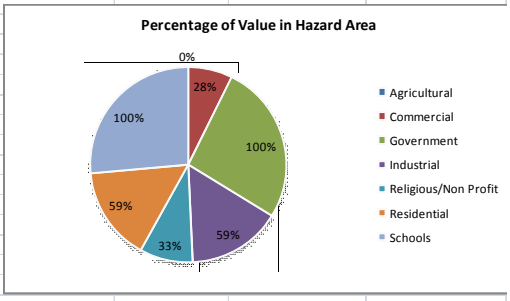
Attachment c2-13.5
Worksheet 3A—Rosedale

Composite Risk Flood Event

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	1	0	0%	$ 114,000	$ -	0%
Commercial	10	3	30%	$ 1,825,000	$ 506,000	28%
Government	2	2	100%	$ 156,000	$ 156,000	100%
Industrial	6	4	67%	$ 712,000	$ 419,000	59%
Religious/Non Profit	3	1	33%	$ 1,484,000	$ 495,000	33%
Residential	333	183	55%	$ 33,943,000	$ 19,919,000	59%
Schools	1	1	100%	$ 134,000	$ 134,000	100%
Total	**356**	**194**	**54%**	**$ 38,368,000**	**$ 21,629,000**	**56%**

	# in Community	# in Hazard Area	%in Hazard Area
Population	753	436	58%

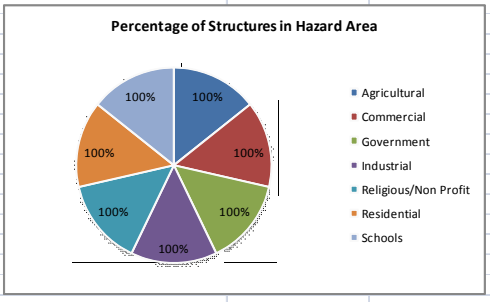


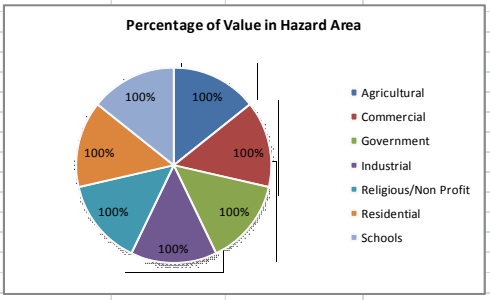


Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	1	1	100%	$ 114,000	$ 114,000	100%
Commercial	10	10	100%	$ 1,825,000	$ 1,825,000	100%
Government	2	2	100%	$ 156,000	$ 156,000	100%
Industrial	6	6	100%	$ 712,000	$ 712,000	100%
Religious/Non Profit	3	3	100%	$ 1,484,000	$ 1,484,000	100%
Residential	333	333	100%	$ 33,943,000	$ 33,943,000	100%
Schools	1	1	100%	$ 134,000	$ 134,000	100%
Total	**356**	**356**	**100%**	**$ 38,368,000**	**$ 38,368,000**	**100%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	753	753	100%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	1	0	9%	$ 114,000	$ 10,260	9%
Commercial	10	1	9%	$ 1,825,000	$ 164,250	9%
Government	2	0	9%	$ 156,000	$ 14,040	9%
Industrial	6	1	9%	$ 712,000	$ 64,080	9%
Religious/Non Profit	3	0	9%	$ 1,484,000	$ 133,560	9%
Residential	333	30	9%	$ 33,943,000	$ 3,054,870	9%
Schools	1	0	9%	$ 134,000	$ 12,060	9%
Total	**356**	**32**	**9%**	**$ 38,368,000**	**$ 3,453,120**	**9%**

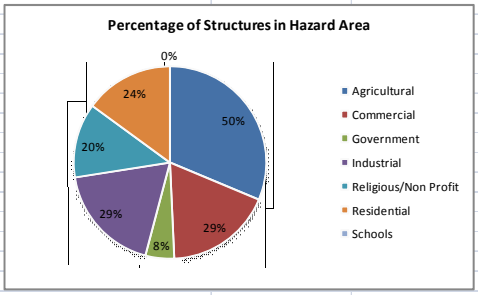
	# in Community	# in Hurricane Area	% in Hurricane Area
Population	753	68	9%

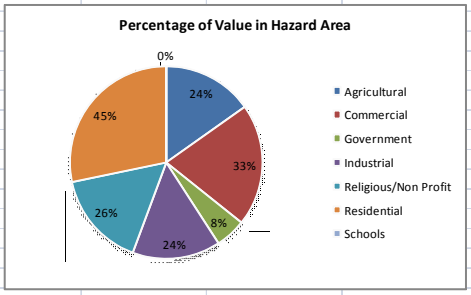
Attachment c2-13.6
Worksheet 3A—St. Gabriel

Composite Risk Flood Event

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	2	1	50%	$ 209,000	$ 51,000	24%
Commercial	66	19	29%	$ 35,230,000	$ 11,637,000	33%
Government	13	1	8%	$ 9,705,000	$ 802,000	8%
Industrial	34	10	29%	$ 57,718,000	$ 13,721,000	24%
Religious/Non Profit	10	2	20%	$ 4,716,000	$ 1,219,000	26%
Residential	1,096	262	24%	$ 146,864,000	$ 66,695,000	45%
Schools	2	0	0%	$ 2,230,000	$ -	0%
Total	**1,223**	**295**	**24%**	**$ 256,672,000**	**$ 94,125,000**	**37%**

	# in Community	# in Hazard Area	% in Hazard Area
Population	5,514	3,544	64%

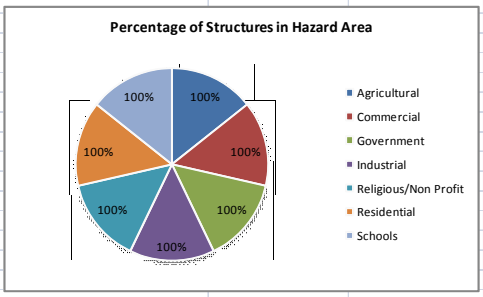


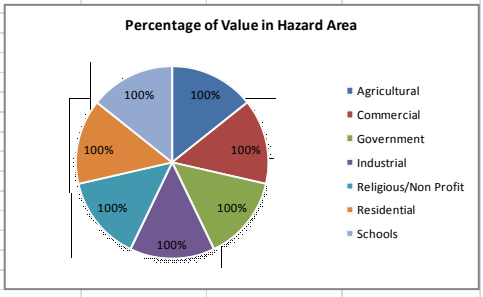


Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	2	2	100%	$ 209,000	$ 209,000	100%
Commercial	66	66	100%	$ 35,230,000	$ 35,230,000	100%
Government	13	13	100%	$ 9,705,000	$ 9,705,000	100%
Industrial	34	34	100%	$ 57,718,000	$ 57,718,000	100%
Religious/Non Profit	10	10	100%	$ 4,716,000	$ 4,716,000	100%
Residential	1,096	1,096	100%	$ 146,864,000	$ 146,864,000	100%
Schools	2	2	100%	$ 2,230,000	$ 2,230,000	100%
Total	**1,223**	**1,223**	**100%**	**$ 256,672,000**	**$ 256,672,000**	**100%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	5,514	5,514	100%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	2	0	9%	$ 209,000	$ 18,810	9%
Commercial	66	6	9%	$ 35,230,000	$ 3,170,700	9%
Government	13	1	9%	$ 9,705,000	$ 873,450	9%
Industrial	34	3	9%	$ 57,718,000	$ 5,194,620	9%
Religious/Non Profit	10	1	9%	$ 4,716,000	$ 424,440	9%
Residential	1,096	99	9%	$ 146,864,000	$ 13,217,760	9%
Schools	2	0	9%	$ 2,230,000	$ 200,700	9%
Total	**1,223**	**110**	**9%**	**$ 256,672,000**	**$ 23,100,480**	**9%**

	# in Community	# in Hurricane Area	% in Hurricane Area
Population	5,514	496	9%

Attachment c2-13.7
Worksheet 3A—White Castle

Composite Risk Flood Event

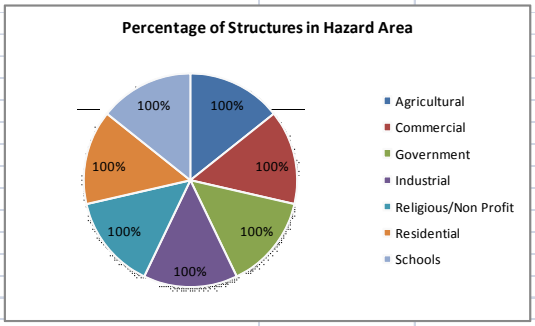
Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	1	0	0%	$ 164,000	$ -	0%
Commercial	54	0	0%	$ 19,724,000	$ -	0%
Government	4	0	0%	$ 1,077,000	$ -	0%
Industrial	2	0	0%	$ 680,000	$ -	0%
Religious/Non Profit	8	0	0%	$ 4,051,000	$ -	0%
Residential	780	0	0%	$ 74,189,000	$ -	0%
Schools	4	0	0%	$ 3,144,000	$ -	0%
Total	**853**	**0**	**0%**	**$ 103,029,000**	**$ -**	**0%**

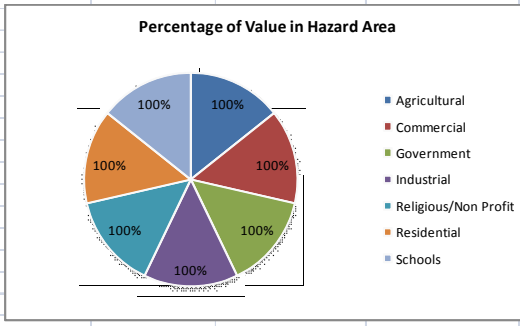
	# in Community	# in Hazard Area	% in Hazard Area
Population	1,946	0	0%

Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	1	1	100%	$ 164,000	$ 164,000	100%
Commercial	54	54	100%	$ 19,724,000	$ 19,724,000	100%
Government	4	4	100%	$ 1,077,000	$ 1,077,000	100%
Industrial	2	2	100%	$ 680,000	$ 680,000	100%
Religious/Non Profit	8	8	100%	$ 4,051,000	$ 4,051,000	100%
Residential	780	780	100%	$ 74,189,000	$ 74,189,000	100%
Schools	4	4	100%	$ 3,144,000	$ 3,144,000	100%
Total	**853**	**853**	**100%**	**$ 103,029,000**	**$ 103,029,000**	**100%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	1,946	1,946	100%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	1	0	9%	$ 164,000	$ 14,760	9%
Commercial	54	5	9%	$ 19,724,000	$ 1,775,160	9%
Government	4	0	9%	$ 1,077,000	$ 96,930	9%
Industrial	2	0	9%	$ 680,000	$ 61,200	9%
Religious/Non Profit	8	1	9%	$ 4,051,000	$ 364,590	9%
Residential	780	70	9%	$ 74,189,000	$ 6,677,010	9%
Schools	4	0	9%	$ 3,144,000	$ 282,960	9%
Total	**853**	**77**	**9%**	**$ 103,029,000**	**$ 9,272,610**	**9%**

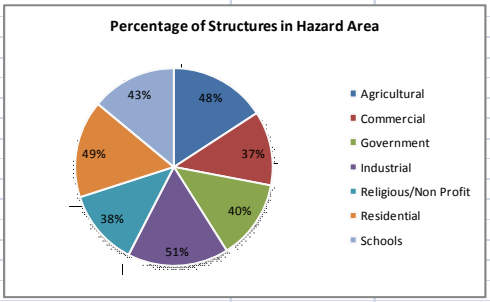
	# in Community	# in Hurricane Area	% in Hurricane Area
Population	1,946	175	9%

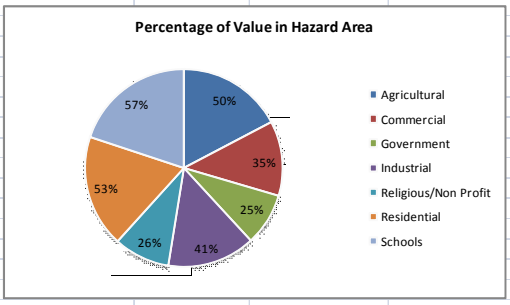
Attachment c2-13.8
Worksheet 3A—Unincorporated

Composite Risk Flood Event

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hazard Area	% in Hazard Area	$ in Community	$ in Hazard Area	% in Hazard Area
Agricultural	33	16	48%	$ 4,338,000	$ 2,155,000	50%
Commercial	225	84	37%	$ 75,035,000	$ 26,352,000	35%
Government	5	2	40%	$ 4,108,000	$ 1,013,000	25%
Industrial	67	34	51%	$ 49,375,000	$ 20,404,000	41%
Religious/Non Profit	34	13	38%	$ 20,050,000	$ 5,274,000	26%
Residential	6,776	3,316	49%	$ 670,717,000	$ 353,672,000	53%
Schools	7	3	43%	$ 4,170,000	$ 2,383,000	57%
Total	**7,147**	**3,468**	**49%**	**$ 827,793,000**	**$ 411,253,000**	**50%**

	# in Community	# in Hazard Area	% in Hazard Area
Population	16,043	7,435	46%

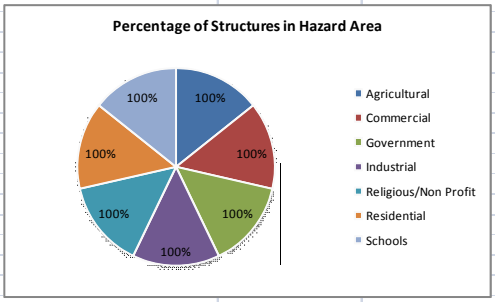


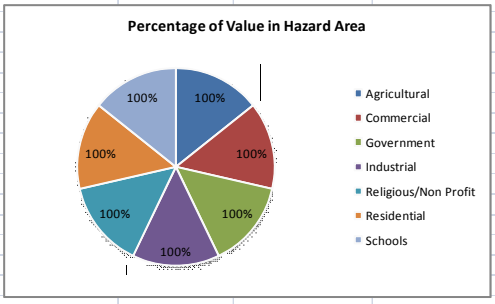


Levee Failure

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Levee Fail Area	% in Levee Fail Area	$ in Community	$ in Levee Fail Area	% in Levee Fail Area
Agricultural	33	33	100%	$ 4,338,000	$ 4,338,000	100%
Commercial	225	225	100%	$ 75,035,000	$ 75,035,000	100%
Government	5	5	100%	$ 4,108,000	$ 4,108,000	100%
Industrial	67	67	100%	$ 49,375,000	$ 49,375,000	100%
Religious/Non Profit	34	34	100%	$ 20,050,000	$ 20,050,000	100%
Residential	6,776	6,762	100%	$ 670,717,000	$ 670,364,000	100%
Schools	7	7	100%	$ 4,170,000	$ 4,170,000	100%
Total	**7,147**	**7,133**	**100%**	**$ 827,793,000**	**$ 827,440,000**	**100%**

	# in Community	# in Levee Fail Area	% in Levee Fail Area
Population	16,043	16,024	100%





Hurricane

Type of Structure (Occupancy Class)	Number of Structures			Value of Structures		
	# in Community	# in Hurricane Area	% in Hurricane Area	$ in Community	$ in Hurricane Area	% in Hurricane Area
Agricultural	33	3	9%	$ 4,338,000	$ 390,420	9%
Commercial	225	20	9%	$ 75,035,000	$ 6,753,150	9%
Government	5	0	9%	$ 4,108,000	$ 369,720	9%
Industrial	67	6	9%	$ 49,375,000	$ 4,443,750	9%
Religious/Non Profit	34	3	9%	$ 20,050,000	$ 1,804,500	9%
Residential	6,776	610	9%	$ 670,717,000	$ 60,364,530	9%
Schools	7	1	9%	$ 4,170,000	$ 375,300	9%
Total	**7,147**	**643**	**9%**	**$ 827,793,000**	**$ 74,501,370**	**9%**

	# in Community	# in Hurricane Area	% in Hurricane Area
Population	16,043	1,444	9%

Attachment c2-14
List of Critical Facilities

Category	Name
Police Stations	Gross Tete Police Department (Town Hall)
	Iberville Parish Sheriff Sub Station Maringouin
	Maringouin Police Department
	Auxillary Building
	Iberville Sheriff's Office (Courthouse)
	Iberville Sheriff's Office (Jail)
	Plaquemine Police Department
	Rosedale Police Department (Town Hall)
	Elaine Hunt Correctional Institute
	Iberville Parish Substation East Iberville
	LA Correctional Institute for Women
	St. Gabriel Police Department (City Hall)
	White Castle Police Department (Town Hall)
Fire Stations	Bayou Blue Fire Department
	Grosse Tete Fire Department
	Maringouin Fire Station 1
	Maringouin Fire Station 2
	Bayou Pigeon Fire Department
	Bayou Sorrel Fire Department
	Intracoastal Fire Station
	North Side Fire Station
	Plaquemine Fire Department
	South Side Fire Station
	Rosedale Fire Department
	East Iberville Fire Station
	St. Gabriel Fire Station
	Sunshine Fire Station
	Bayou Goula Fire Department
	White Castle Fire Department
	White Castle Fire Substation

Category	Name
Schools	Crescent Elementary and Junior High School
	Edward J. Gay Middle School
	Iberville Elementary School Office
	Iberville Parish School Board Office
	Iberville Parish School Board Optional Education
	Plaquemine Christian School
	Plaquemine High School
	St. John the Evangelist Elementary School
	St. John the Evangelist High School
	North Iberville Elementary and High School
	East Iberville Elementary and High School
	Dorseyville Elementary School
	White Castle High School Office
Public Health	Health Unit
	Plaquemine Caring
	Plaquemine Manor Nursing Home
Sewer Treatment	Plaquemine South Sewer Treatment Plant
	Plaquemine North Sewer Treatment Plant
	Grosse Tete Sewer Treatment
	Maringouin Sewer Treatment Plant
	White Castle Sewer Treatment Plant
Potable Water	Plaquemine Water Plant
	Water District #3 and #4 (wells and towers)
	Plaquemine Water Well Site

Attachment c2-15
Identification of Critical Facilities in Hazard Areas

Category	Name	100-year	Composite Risk	Levee Failure
Police Stations	Gross Tete Police Department (Town Hall)			X
	Iberville Parish Sheriff Sub Station Maringouin			
	Maringouin Police Department			
	Auxillary Building			X
	Iberville Sheriff's Office (Courthouse)			X
	Iberville Sheriff's Office (Jail)			X
	Plaquemine Police Department			X
	Rosedale Police Department (Town Hall)			X
	Elaine Hunt Correctional Institute		X	X
	Iberville Parish Substation East Iberville			X
	LA Correctional Institute for Women			X
	St. Gabriel Police Department (City Hall)			X
	White Castle Police Department (Town Hall)			X
Fire Stations	Bayou Blue Fire Department	X	X	X
	Grosse Tete Fire Department			X
	Maringouin Fire Station 1			X
	Maringouin Fire Station 2			X
	Bayou Pigeon Fire Department		X	X
	Bayou Sorrel Fire Department			X
	Intracoastal Fire Station			X
	North Side Fire Station			
	Plaquemine Fire Department			X
	South Side Fire Station			X
	Rosedale Fire Department			X
	East Iberville Fire Station			X
	St. Gabriel Fire Station	X	X	X
	Sunshine Fire Station			
	Bayou Goula Fire Department			
	White Castle Fire Department			X
	White Castle Fire Substation			X

Category	Name	100-year	Composite Risk	Levee Failure
Schools	Crescent Elementary and Junior High School			X
	Edward J. Gay Middle School			X
	Iberville Elementary School Office			X
	Iberville Parish School Board Office			X
	Iberville Parish School Board Optional Education			X
	Plaquemine Christian School			X
	Plaquemine High School			X
	St. John the Evangelist Elementary School			X
	St. John the Evangelist High School			X
	North Iberville Elementary and High School	X	X	
	East Iberville Elementary and High School			X
	Dorseyville Elementary School			X
	White Castle High School Office			X
Public Health	Health Unit			X
	Plaquemine Caring			X
	Plaquemine Manor Nursing Home			X
Sewer Treatment	Plaquemine South Sewer Treatment Plant			X
	Plaquemine North Sewer Treatment Plant			
	Grosse Tete Sewer Treatment	X	X	X
	Maringouin Sewer Treatment Plant			X
	White Castle Sewer Treatment Plant			X
Potable Water	Plaquemine Water Plant			X
	Water District #3 and #4 (wells and towers)		X	X
	Plaquemine Water Well Site			

Attachment c2-16
List of Repetitive Loss Structures

SRL Indicator	Community Name	Comm Nbr	Prop Locatr	Mitigated?	Insured?	Tot Building Payment	Tot Contents Payment	Losses	Total Paid	Average Pay	As of Date
	IBERVILLE PARISH*	220083	0019400	NO	NO	7,910.86	0.00	2	7,910.86	3,955.43	10/31/2009
	IBERVILLE PARISH*	220083	0021884	NO	NO	3,431.56	1,000.00	2	4,431.56	2,215.78	10/31/2009
	IBERVILLE PARISH*	220083	0019304	NO	NO	14,920.59	1,081.65	3	16,002.24	5,334.08	10/31/2009
	IBERVILLE PARISH*	220083	0060553	NO	NO	20,276.67	720.20	2	20,996.87	10,498.44	10/31/2009
	IBERVILLE PARISH*	220083	0019331	NO	NO	3,365.65	829.40	2	4,195.05	2,097.53	10/31/2009
	IBERVILLE PARISH*	220083	0042871	NO	NO	4,000.00	2,433.00	2	6,433.00	3,216.50	10/31/2009
	IBERVILLE PARISH*	220083	0060554	NO	NO	9,368.88	0.00	2	9,368.88	4,684.44	10/31/2009
	IBERVILLE PARISH*	220083	0019324	NO	NO	19,918.72	4,315.00	4	24,233.72	6,058.43	10/31/2009
	IBERVILLE PARISH*	220083	0043352	NO	NO	8,748.90	444.00	2	9,192.90	4,596.45	10/31/2009
	IBERVILLE PARISH*	220083	0060556	NO	NO	9,584.76	0.00	2	9,584.76	4,792.38	10/31/2009
	IBERVILLE PARISH*	220083	0019326	NO	NO	7,761.67	175.00	2	7,936.67	3,968.34	10/31/2009
	IBERVILLE PARISH*	220083	0042952	NO	NO	3,053.95	1,151.65	2	4,205.60	2,102.80	10/31/2009
	IBERVILLE PARISH*	220083	0115175	NO	NO	23,096.31	10,559.21	2	33,655.52	16,827.76	10/31/2009
	IBERVILLE PARISH*	220083	0022591	NO	NO	5,117.35	2,052.68	2	7,170.03	3,585.02	10/31/2009
	IBERVILLE PARISH*	220083	0128009	NO	NO	27,701.44	5,131.20	2	32,832.64	16,416.32	10/31/2009
	IBERVILLE PARISH*	220083	0042894	NO	NO	10,452.35	21,307.53	2	31,759.88	15,879.94	10/31/2009
	IBERVILLE PARISH*	220083	0112673	NO	NO	8,609.21	0.00	3	8,609.21	2,869.74	10/31/2009
	IBERVILLE PARISH*	220083	0116282	NO	NO	7,820.44	0.00	3	7,820.44	2,606.81	10/31/2009
	IBERVILLE PARISH*	220083	0128111	NO	YES	19,461.26	0.00	2	19,461.26	9,730.63	10/31/2009
	IBERVILLE PARISH*	220083	0128618	NO	NO	37,367.00	3,138.79	2	40,505.79	20,252.90	10/31/2009
	IBERVILLE PARISH*	220083	0042929	NO	NO	2,717.36	1,906.72	2	4,624.08	2,312.04	10/31/2009
	IBERVILLE PARISH*	220083	0041849	NO	NO	3,699.75	0.00	2	3,699.75	1,849.88	10/31/2009
	IBERVILLE PARISH*	220083	0019298	NO	NO	5,846.94	500.00	2	6,346.94	3,173.47	10/31/2009
	IBERVILLE PARISH*	220083	0036529	NO	NO	18,774.09	2,335.00	4	21,109.09	5,277.27	10/31/2009
	IBERVILLE PARISH*	220083	0042928	NO	NO	5,857.30	0.00	2	5,857.30	2,928.65	10/31/2009
	IBERVILLE PARISH*	220083	0000613	NO	NO	43,756.57	9,546.30	4	53,302.87	13,325.72	10/31/2009
	IBERVILLE PARISH*	220083	0042048	NO	NO	7,526.44	985.00	2	8,511.44	4,255.72	10/31/2009
	IBERVILLE PARISH*	220083	0060328	NO	NO	2,918.70	125.00	2	3,043.70	1,521.85	10/31/2009
	IBERVILLE PARISH*	220083	0000515	NO	YES	17,876.60	0.00	2	17,876.60	8,938.30	10/31/2009
	IBERVILLE PARISH*	220083	0000543	NO	NO	13,547.71	1,469.50	3	15,017.21	5,005.74	10/31/2009
	IBERVILLE PARISH*	220083	0128475	NO	YES	36,949.65	5,519.00	2	42,468.65	21,234.33	10/31/2009
	IBERVILLE PARISH*	220083	0112778	NO	NO	11,281.65	2,985.25	2	14,266.90	7,133.45	10/31/2009

SRL Indicator	Community Name	Comm Nbr	Prop Locatr	Mitigated?	Insured?	Tot Building Payment	Tot Contents Payment	Losses	Total Paid	Average Pay	As of Date
	IBERVILLE PARISH*	220083	0051699	NO	NO	6,149.85	1,205.30	2	7,355.15	3,677.58	10/31/2009
	IBERVILLE PARISH*	220083	0013855	NO	NO	9,059.33	5,409.26	2	14,468.59	7,234.30	10/31/2009
	IBERVILLE PARISH*	220083	0005900	NO	NO	18,533.57	352.00	5	18,885.57	3,777.11	10/31/2009
	IBERVILLE PARISH*	220083	0042118	NO	NO	5,959.90	723.00	2	6,682.90	3,341.45	10/31/2009
	IBERVILLE PARISH*	220083	0042895	NO	NO	4,801.42	0.00	2	4,801.42	2,400.71	10/31/2009
	IBERVILLE PARISH*	220083	0042972	NO	NO	5,285.90	0.00	2	5,285.90	2,642.95	10/31/2009
	IBERVILLE PARISH*	220083	0021899	NO	NO	3,558.00	0.00	2	3,558.00	1,779.00	10/31/2009
	IBERVILLE PARISH*	220083	0117563	NO	NO	11,100.00	805.00	2	11,905.00	5,952.50	10/31/2009
	IBERVILLE PARISH*	220083	0094277	NO	NO	10,197.84	0.00	2	10,197.84	5,098.92	10/31/2009
	IBERVILLE PARISH*	220083	0117450	NO	YES	38,253.55	729.96	3	38,983.51	12,994.50	10/31/2009
	IBERVILLE PARISH*	220083	0020203	NO	NO	12,158.06	0.00	2	12,158.06	6,079.03	10/31/2009
	IBERVILLE PARISH*	220083	0019325	NO	NO	11,264.45	0.00	3	11,264.45	3,754.82	10/31/2009
	IBERVILLE PARISH*	220083	0148367	NO	YES	181,816.98	21,000.00	3	202,816.98	67,605.66	10/31/2009
	IBERVILLE PARISH*	220083	0021897	NO	NO	3,412.77	590.00	2	4,002.77	2,001.39	10/31/2009
	IBERVILLE PARISH*	220083	0005898	NO	NO	23,960.75	0.00	3	23,960.75	7,986.92	10/31/2009
	IBERVILLE PARISH*	220083	0000396	NO	NO	8,480.13	3,386.35	2	11,866.48	5,933.24	10/31/2009
	IBERVILLE PARISH*	220083	0019328	NO	NO	9,559.28	2,061.00	3	11,620.28	3,873.43	10/31/2009
	IBERVILLE PARISH*	220083	0013926	NO	NO	12,135.36	0.00	2	12,135.36	6,067.68	10/31/2009
	IBERVILLE PARISH*	220083	0081401	NO	NO	6,670.46	0.00	4	6,670.46	1,667.62	10/31/2009
	IBERVILLE PARISH*	220083	0019381	NO	NO	10,329.58	100.00	3	10,429.58	3,476.53	10/31/2009
	IBERVILLE PARISH*	220083	0012797	NO	NO	10,000.00	0.00	2	10,000.00	5,000.00	10/31/2009
	IBERVILLE PARISH*	220083	0088776	NO	NO	49,472.73	7,213.78	3	56,686.51	18,895.50	10/31/2009
	IBERVILLE PARISH*	220083	0089359	NO	YES	9,108.29	1,685.56	3	10,793.85	3,597.95	10/31/2009
	IBERVILLE PARISH*	220083	0019321	NO	NO	3,231.12	2,255.72	2	5,486.84	2,743.42	10/31/2009
	IBERVILLE PARISH*	220083	0012303	NO	NO	29,602.47	7,141.49	5	36,743.96	7,348.79	10/31/2009
	IBERVILLE PARISH*	220083	0042587	NO	NO	5,570.22	18.58	3	5,588.80	1,862.93	10/31/2009
	PLAQUEMINE, CITY OF	220086	0172384	NO	NO	0.00	38,890.10	2	38,890.10	19,445.05	10/31/2009
PNU	IBERVILLE PARISH*	220083	0001025	NO	NO	46,100.58	0.00	2	46,100.58	23,050.29	10/31/2009
PU	IBERVILLE PARISH*	220083	0045561	NO	NO	18,080.39	5,864.24	3	23,944.63	7,981.54	10/31/2009
PU	IBERVILLE PARISH*	220083	0014265	NO	NO	27,539.86	0.00	5	27,539.86	5,507.97	10/31/2009

Attachment c2-17.1
Worksheet #4—Estimated Losses (Levee Failure)

	Name/Description of Structure	Structure Loss						Contents Loss						Structure Use and Function Loss										Structure Loss+Content Loss+Function Loss ($)
		Structure Replacement Value ($)	x	Inundation (ft)	Percent Damage (%)	=	Loss to Structure ($)	Replacement of Contents Value ($)	x	Percent Damage (%)	=	Loss to Contents ($)	Average Daily Operating Budget ($)	x	Functional Downtime	+	Displacement Cost Per Day	x	Displacement Time	=	Stucture Use & Function Cost			
Police Stations	Gross Tete Police Department (Town Hall)	$1,246,000	x	6	40%	=	$498,400	$1,869,000	x	60.0%	=	$1,121,400	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,099,800
	Iberville Parish Sheriff Sub Station Maringouin	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$5,000	x	15	+	$2,000	x	70	=	$5,390,000				$5,754,455
	Maringouin Police Department	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$5,000	x	15	+	$2,000	x	70	=	$5,390,000				$5,754,455
	Auxillary Building	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$2,000	x	15	+	$2,000	x	70	=	$2,240,000				$2,604,455
	Iberville Sheriff's Office (Courthouse)	$1,246,000	x	2	22%	=	$274,120	$1,869,000	x	33.0%	=	$616,770	$5,000	x	30	+	$2,000	x	230	=	$34,960,000				$35,850,890
	Iberville Sheriff's Office (Jail)	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$20,000	x	15	+	$10,000	x	70	=	$21,700,000				$22,064,455
	Plaquemine Police Department	$1,246,000	x	1	14%	=	$174,440	$1,869,000	x	21.0%	=	$392,490	$5,000	x	23	+	$2,000	x	134	=	$15,678,000				$16,244,930
	Rosedale Police Department (Town Hall)	$1,246,000	x	3	27%	=	$336,420	$1,869,000	x	40.5%	=	$756,945	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$56,573,365
	Elaine Hunt Correctional Institute	$1,246,000	x	19	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$20,000	x	30	+	$10,000	x	365	=	$222,650,000				$224,472,275
	Iberville Parish Substation East Iberville	$1,246,000	x	8	44%	=	$548,240	$1,869,000	x	66.0%	=	$1,233,540	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,261,780
	LA Correctional Institute for Women	$1,246,000	x	18	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$20,000	x	30	+	$10,000	x	365	=	$222,650,000				$224,472,275
	St. Gabriel Police Department (City Hall)	$1,246,000	x	14	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	White Castle Police Department (Town Hall)	$1,246,000	x	7	43%	=	$535,780	$1,869,000	x	64.5%	=	$1,205,505	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,221,285
Fire Stations	Bayou Blue Fire Department	$1,246,000	x	8	44%	=	$548,240	$1,869,000	x	66.0%	=	$1,233,540	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,261,780
	Grosse Tete Fire Department	$1,246,000	x	6	40%	=	$498,400	$1,869,000	x	60.0%	=	$1,121,400	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,099,800
	Maringouin Fire Station 1	$1,246,000	x	1	14%	=	$174,440	$1,869,000	x	21.0%	=	$392,490	$5,000	x	23	+	$2,000	x	134	=	$15,678,000				$16,244,930
	Maringouin Fire Station 2	$1,246,000	x	7	43%	=	$535,780	$1,869,000	x	64.5%	=	$1,205,505	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,221,285
	Bayou Pigeon Fire Department	$1,246,000	x	14	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	Bayou Sorrel Fire Department	$1,246,000	x	12	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	Intracoastal Fire Station	$1,246,000	x	12	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	North Side Fire Station	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$5,000	x	15	+	$2,000	x	70	=	$5,390,000				$5,754,455
	Plaquemine Fire Department	$1,246,000	x	2	22%	=	$274,120	$1,869,000	x	33.0%	=	$616,770	$5,000	x	30	+	$2,000	x	230	=	$34,960,000				$35,850,890
	South Side Fire Station	$1,246,000	x	3	27%	=	$336,420	$1,869,000	x	40.5%	=	$756,945	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$56,573,365
	Rosedale Fire Department	$1,246,000	x	3	27%	=	$336,420	$1,869,000	x	40.5%	=	$756,945	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$56,573,365
	East Iberville Fire Station	$1,246,000	x	9	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	St. Gabriel Fire Station	$1,246,000	x	10	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
	Sunshine Fire Station	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$5,000	x	15	+	$2,000	x	70	=	$5,390,000				$5,754,455
	Bayou Goula Fire Department	$1,246,000	x	0	9%	=	$112,140	$1,869,000	x	13.5%	=	$252,315	$5,000	x	15	+	$2,000	x	70	=	$5,390,000				$5,754,455
	White Castle Fire Department	$1,246,000	x	7	43%	=	$535,780	$1,869,000	x	64.5%	=	$1,205,505	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,221,285
	White Castle Fire Substation	$1,246,000	x	15	45%	=	$560,700	$1,869,000	x	67.5%	=	$1,261,575	$5,000	x	30	+	$2,000	x	365	=	$55,480,000				$57,302,275
Schools	Crescent Elementary and Junior High School	$11,569,260	x	2	22%	=	$2,545,237	$17,353,890	x	33.0%	=	$5,726,784	$10,000	x	30	+	$2,000	x	230	=	$69,460,000				$77,732,021
	Edward J. Gay Middle School	$6,449,020	x	0	9%	=	$580,412	$9,673,530	x	13.5%	=	$1,305,927	$10,000	x	15	+	$2,000	x	70	=	$10,640,000				$12,526,338
	Iberville Elementary School Office	$11,263,660	x	4	29%	=	$3,266,461	$16,895,490	x	43.5%	=	$7,349,538	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$120,846,000
	Iberville Parish School Board Office	$1,336,300	x	1	14%	=	$187,082	$2,004,450	x	21.0%	=	$420,935	$10,000	x	23	+	$2,000	x	134	=	$31,088,000				$31,696,017
	Iberville Parish School Board Optional Education	$1,336,300	x	2	22%	=	$293,986	$2,004,450	x	33.0%	=	$661,469	$10,000	x	30	+	$2,000	x	230	=	$69,460,000				$70,415,455
	Plaquemine Christian School	$516,000	x	5	30%	=	$154,800	$774,000	x	45.0%	=	$348,300	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$110,733,100
	Plaquemine High School	$7,898,720	x	6	40%	=	$3,159,488	$11,848,080	x	60.0%	=	$7,108,848	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$120,498,336
	St. John the Evangelist Elementary School	$10,679,060	x	5	30%	=	$3,203,718	$16,018,590	x	45.0%	=	$7,208,366	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$120,642,084
	St. John the Evangelist High School	$10,655,430	x	4	29%	=	$3,090,075	$15,983,145	x	43.5%	=	$6,952,668	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$120,272,743
	North Iberville Elementary and High School	$5,940,580	x	0	9%	=	$534,652	$8,910,870	x	13.5%	=	$1,202,967	$10,000	x	15	+	$2,000	x	70	=	$10,640,000				$12,377,620
	East Iberville Elementary and High School	$6,337,500	x	5	30%	=	$1,901,250	$9,506,250	x	45.0%	=	$4,277,813	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$116,409,063
	Dorseyville Elementary School	$5,931,700	x	3	27%	=	$1,601,559	$8,897,550	x	40.5%	=	$3,603,508	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$115,435,067
	White Castle High School Office	$3,836,900	x	7	43%	=	$1,649,867	$5,755,350	x	64.5%	=	$3,712,201	$10,000	x	30	+	$2,000	x	365	=	$110,230,000				$115,592,068
Public Health	Health Unit	$1,336,300	x	2	22%	=	$293,986	$2,004,450	x	33.0%	=	$661,469	$5,000	x	30	+	$5,000	x	230	=	$35,650,000				$36,605,455
	Plaquemine Caring	$1,336,300	x	4	29%	=	$387,527	$2,004,450	x	43.5%	=	$871,936	$5,000	x	30	+	$5,000	x	365	=	$56,575,000				$57,834,463
	Plaquemine Manor Nursing Home	$1,336,300	x	3	27%	=	$360,801	$2,004,450	x	40.5%	=	$811,802	$5,000	x	30	+	$5,000	x	365	=	$56,575,000				$57,747,603
Sewer Treatment	Plaquemine South Sewer Treatment Plant	$59,274,000	x	0	9%	=	$5,334,660	$88,911,000	x	13.5%	=	$12,002,985	$10,000	x	15	+	$1,000	x	70	=	$10,570,000				$27,907,645
	Plaquemine North Sewer Treatment Plant	$59,274,000	x	0	9%	=	$5,334,660	$88,911,000	x	13.5%	=	$12,002,985	$10,000	x	15	+	$1,000	x	70	=	$10,570,000				$27,907,645
	Grosse Tete Sewer Treatment	$59,274,000	x	10	45%	=	$26,673,300	$88,911,000	x	67.5%	=	$60,014,925	$10,000	x	30	+	$1,000	x	365	=	$109,865,000				$196,553,225
	Maringouin Sewer Treatment Plant	$59,274,000	x	4	29%	=	$17,189,460	$88,911,000	x	43.5%	=	$38,676,285	$10,000	x	30	+	$1,000	x	365	=	$109,865,000				$165,730,745
	White Castle Sewer Treatment Plant	$59,274,000	x	5	30%	=	$17,782,200	$88,911,000	x	45.0%	=	$40,009,950	$10,000	x	30	+	$1,000	x	365	=	$109,865,000				$167,657,150
Potable Water	Plaquemine Water Plant	$59,274,000	x	2	22%	=	$13,040,280	$88,911,000	x	33.0%	=	$29,340,630	$10,000	x	30	+	$1,000	x	230	=	$69,230,000				$111,610,910
	Water District #3 and #4 (wells and towers)	$59,274,000	x	15	45%	=	$26,673,300	$88,911,000	x	67.5%	=	$60,014,925	$10,000	x	30	+	$1,000	x	365	=	$109,865,000				$196,553,225
	Plaquemine Water Well Site	$59,274,000	x	0	9%	=	$5,334,660	$88,911,000	x	13.5%	=	$12,002,985	$10,000	x	15	+	$1,000	x	70	=	$10,570,000				$27,907,645
		$599,331,330			**Total Estimated Losses**		**$152,011,701**			**Total Contents Loss**		**$342,026,328**							**Total Structure Use and Function Loss**				**$3,302,954,000**		**$3,796,992,029**

Attachment c2-17.2
Worksheet #4—Estimated Losses (Composite Risk Area)

	Name/Description of Structure	Structure Loss					Contents Loss				Structure Use and Function Loss						Structure Loss+Content Loss+Function Loss ($)
		Structure Replacement Value ($)	x	Inundation (ft)	Percent Damage (%)	= Loss to Structure ($)	Replacement of Contents Value ($)	x	Percent Damage (%)	= Loss to Contents ($)	Average Daily Operating Budget ($)	x	Functional Downtime	+	Displacement Cost Per Day	x Displacement Time	= Stucture Use & Function Cost	
Police Stations	Gross Tete Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Iberville Parish Sheriff Sub Station Maringouin	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Maringouin Police Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Auxillary Building	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$2,000	x	15	+	$2,000	x 70	= $2,240,000	$2,604,455
	Iberville Sheriff's Office (Courthouse)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Iberville Sheriff's Office (Jail)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$20,000	x	15	+	$10,000	x 70	= $21,700,000	$22,064,455
	Plaquemine Police Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Rosedale Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Elaine Hunt Correctional Institute	$1,246,000	x	1	14%	= $174,440	$1,869,000	x	21.0%	= $392,490	$20,000	x	23	+	$10,000	x 134	= $62,980,000	$63,546,930
	Iberville Parish Substation East Iberville	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	LA Correctional Institute for Women	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$20,000	x	15	+	$10,000	x 70	= $21,700,000	$22,064,455
	St. Gabriel Police Department (City Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	White Castle Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
Fire Stations	Bayou Blue Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Grosse Tete Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Maringouin Fire Station 1	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Maringouin Fire Station 2	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Bayou Pigeon Fire Department	$1,246,000	x	1	14%	= $174,440	$1,869,000	x	21.0%	= $392,490	$5,000	x	23	+	$2,000	x 134	= $15,678,000	$16,244,930
	Bayou Sorrel Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Intracoastal Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	North Side Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Plaquemine Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	South Side Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Rosedale Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	East Iberville Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	St. Gabriel Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Sunshine Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	Bayou Goula Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	White Castle Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
	White Castle Fire Substation	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315	$5,000	x	15	+	$2,000	x 70	= $5,390,000	$5,754,455
Schools	Crescent Elementary and Junior High School	$11,569,260	x	0	9%	= $1,041,233	$17,353,890	x	13.5%	= $2,342,775	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$14,024,009
	Edward J. Gay Middle School	$6,449,020	x	0	9%	= $580,412	$9,673,530	x	13.5%	= $1,305,927	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$12,526,338
	Iberville Elementary School Office	$11,263,660	x	0	9%	= $1,013,729	$16,895,490	x	13.5%	= $2,280,891	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$13,934,621
	Iberville Parish School Board Office	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	13.5%	= $270,601	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$11,030,868
	Iberville Parish School Board Optional Education	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	13.5%	= $270,601	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$11,030,868
	Plaquemine Christian School	$516,000	x	0	9%	= $46,440	$774,000	x	13.5%	= $104,490	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$10,790,930
	Plaquemine High School	$7,898,720	x	0	9%	= $710,885	$11,848,080	x	13.5%	= $1,599,491	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$12,950,376
	St. John the Evangelist Elementary School	$10,679,060	x	0	9%	= $961,115	$16,018,590	x	13.5%	= $2,162,510	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$13,763,625
	St. John the Evangelist High School	$10,655,430	x	0	9%	= $958,989	$15,983,145	x	13.5%	= $2,157,725	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$13,756,713
	North Iberville Elementary and High School	$5,940,580	x	0	9%	= $534,652	$8,910,870	x	13.5%	= $1,202,967	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$12,377,620
	East Iberville Elementary and High School	$6,337,500	x	0	9%	= $570,375	$9,506,250	x	13.5%	= $1,283,344	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$12,493,719
	Dorseyville Elementary School	$5,931,700	x	0	9%	= $533,853	$8,897,550	x	13.5%	= $1,201,169	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$12,375,022
	White Castle High School Office	$3,836,900	x	0	9%	= $345,321	$5,755,350	x	13.5%	= $776,972	$10,000	x	15	+	$2,000	x 70	= $10,640,000	$11,762,293
Public Health	Health Unit	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	13.5%	= $270,601	$5,000	x	15	+	$5,000	x 70	= $5,600,000	$5,990,868
	Plaquemine Caring	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	13.5%	= $270,601	$5,000	x	15	+	$5,000	x 70	= $5,600,000	$5,990,868
	Plaquemine Manor Nursing Home	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	13.5%	= $270,601	$5,000	x	15	+	$5,000	x 70	= $5,600,000	$5,990,868
Sewer Treatment	Plaquemine South Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
	Plaquemine North Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
	Grosse Tete Sewer Treatment	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
	Maringouin Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
	White Castle Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
Potable Water	Plaquemine Water Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
	Water District #3 and #4 (wells and towers)	$59,274,000	x	2	22%	= $13,040,280	$88,911,000	x	33.0%	= $29,340,630	$10,000	x	30	+	$1,000	x 230	= $69,230,000	$111,610,910
	Plaquemine Water Well Site	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	13.5%	= $12,002,985	$10,000	x	15	+	$1,000	x 70	= $10,570,000	$27,907,645
		$599,331,330			**Total Estimated Losses**	**$61,770,040**			**Total Contents Loss**	**$138,982,589**					**Total Structure Use and Function Loss**		**$557,388,000**	**$758,140,629**

Attachment c2-17.3
Worksheet #4—Estimated Losses (Hurricane)

	Name/Description of Structure	Structure Loss					Contents Loss					Structure Use and Function Loss							Structure Loss+Content Loss+Function Loss ($)
		Structure Replacement Value ($)	x	Inundation (ft)	Percent Damage (%)	= Loss to Structure ($)	Replacement of Contents Value ($)	x	Percent Damage (%)	= Loss to Contents ($)		Average Daily Operating Budget ($)	x	Functional Downtime	+	Displacement Cost Per Day	x	Displacement Time	= Stucture Use & Function Cost	
Police Stations	Gross Tete Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Iberville Parish Sheriff Sub Station Maringouin	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Maringouin Police Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Auxillary Building	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$2,000	x	0	+	$2,000	x	0	= $0	$112,140
	Iberville Sheriff's Office (Courthouse)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Iberville Sheriff's Office (Jail)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$20,000	x	0	+	$10,000	x	0	= $0	$112,140
	Plaquemine Police Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Rosedale Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Elaine Hunt Correctional Institute	$1,246,000	x	1	14%	= $174,440	$1,869,000	x	0.0%	= $0		$20,000	x	23	+	$10,000	x	134	= $62,980,000	$63,154,440
	Iberville Parish Substation East Iberville	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	13.5%	= $252,315		$5,000	x	0	+	$2,000	x	0	= $0	$364,455
	LA Correctional Institute for Women	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$20,000	x	0	+	$10,000	x	0	= $0	$112,140
	St. Gabriel Police Department (City Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	White Castle Police Department (Town Hall)	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
Fire Stations	Bayou Blue Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Grosse Tete Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Maringouin Fire Station 1	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Maringouin Fire Station 2	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Bayou Pigeon Fire Department	$1,246,000	x	1	14%	= $174,440	$1,869,000	x	21.0%	= $392,490		$5,000	x	23	+	$2,000	x	134	= $15,678,000	$16,244,930
	Bayou Sorrel Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Intracoastal Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	North Side Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Plaquemine Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	South Side Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Rosedale Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	East Iberville Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	St. Gabriel Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Sunshine Fire Station	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	Bayou Goula Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	White Castle Fire Department	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
	White Castle Fire Substation	$1,246,000	x	0	9%	= $112,140	$1,869,000	x	0.0%	= $0		$5,000	x	0	+	$2,000	x	0	= $0	$112,140
Schools	Crescent Elementary and Junior High School	$11,569,260	x	0	9%	= $1,041,233	$17,353,890	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$1,041,233
	Edward J. Gay Middle School	$6,449,020	x	0	9%	= $580,412	$9,673,530	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$580,412
	Iberville Elementary School Office	$11,263,660	x	0	9%	= $1,013,729	$16,895,490	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$1,013,729
	Iberville Parish School Board Office	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$120,267
	Iberville Parish School Board Optional Education	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$120,267
	Plaquemine Christian School	$516,000	x	0	9%	= $46,440	$774,000	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$46,440
	Plaquemine High School	$7,898,720	x	0	9%	= $710,885	$11,848,080	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$710,885
	St. John the Evangelist Elementary School	$10,679,060	x	0	9%	= $961,115	$16,018,590	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$961,115
	St. John the Evangelist High School	$10,655,430	x	0	9%	= $958,989	$15,983,145	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$958,989
	North Iberville Elementary and High School	$5,940,580	x	0	9%	= $534,652	$8,910,870	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$534,652
	East Iberville Elementary and High School	$6,337,500	x	0	9%	= $570,375	$9,506,250	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$570,375
	Dorseyville Elementary School	$5,931,700	x	0	9%	= $533,853	$8,897,550	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$533,853
	White Castle High School Office	$3,836,900	x	0	9%	= $345,321	$5,755,350	x	0.0%	= $0		$10,000	x	0	+	$2,000	x	0	= $0	$345,321
Public Health	Health Unit	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	0.0%	= $0		$5,000	x	0	+	$5,000	x	0	= $0	$120,267
	Plaquemine Caring	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	0.0%	= $0		$5,000	x	0	+	$5,000	x	0	= $0	$120,267
	Plaquemine Manor Nursing Home	$1,336,300	x	0	9%	= $120,267	$2,004,450	x	0.0%	= $0		$5,000	x	0	+	$5,000	x	0	= $0	$120,267
Sewer Treatment	Plaquemine South Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
	Plaquemine North Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
	Grosse Tete Sewer Treatment	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
	Maringouin Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
	White Castle Sewer Treatment Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
Potable Water	Plaquemine Water Plant	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
	Water District #3 and #4 (wells and towers)	$59,274,000	x	2	22%	= $13,040,280	$88,911,000	x	33.0%	= $29,340,630		$10,000	x	30	+	$1,000	x	230	= $69,230,000	$111,610,910
	Plaquemine Water Well Site	$59,274,000	x	0	9%	= $5,334,660	$88,911,000	x	0.0%	= $0		$10,000	x	0	+	$1,000	x	0	= $0	$5,334,660
		$599,331,330				**Total Estimated Losses** $61,770,040				**Total Contents Loss** $29,985,435									**Total Structure Use and Function Loss** $147,888,000	**$239,643,475**

Attachment c3-1
Iberville Parish List of Projects

Iberville Parish Hazard Mitigation Plan Update List of Projects	
Parish/Unincorporated	
1	Attain CRS status for unincorporated areas of Iberville Parish and incorporated areas within its boundaries
2	Implement a public awareness campaign to inform and educate residents on flood insurance
3	Encourage adherence to building codes and construction standards
4	Develop a local levee maintenance program
5	Complete a drainage study of Iberville Parish
6	Assess current security procedures for all structures and infrastructure
7	Identify problems and security gaps for all critical facilities
8	Review critical facility database
9	Assess structural needs or necessary upgrades to parish infrastructure to make more hazard resistant
10	Develop and update a parishwide GIS database
11	Develop a comprehensive floodplain management plan
12	Adopt a No Adverse Impact approach to floodplain management
13	Improve current parish drainage systems
14	Evaluate and improve local levee systems
15	Add a hazard mitigation section to parish emergency handbook
16	Arrange and hold hazard mitigation workshops for homeowners
17	Attain "storm-ready" status through the National Weather Service
18	Attain CRS status through FEMA and NFIP
19	Maintain and foster communications with Louisiana GOHSEP
20	Examine federal funding opportunities
21	Mitigation of Repetitive Loss and Severe Repetitive Loss Properties
23	Clearing and Dredging of Bayou Plaquemine
24	Clearing and Dredging of Merrell Canal
25	Wind Hardening and Safe Room -- Sheriff's Substation in St. Gabriel
26	Wind Hardening and Safe Room -- Sheriff's Substation in Maringouin
27	Generator -- Parish Barn
28	Generator -- Mike Zito Center
29	Wind Hardening -- Parish Barn (Future)
30	Safe Room -- EOC
31	Drainage Improvement -- Tircuit Phase II Lining of Canal
32	Drainage Improvement -- Price Street Canal Phase II
33	Drainage Improvement -- Like Hwy 993 Ditch with concrete in between White Castle Boat Landing and HWY 3011 as it is the only evacuation route in the area
34	New Pump Stations -- Hwy 386, Bayou Blue, Bayou Pigeon Area, Hwy 77 between Grosse Tete and Plaquemine,
Gross Tete	
1	Drainage Improvement -- Culvert Upgrade of Angelloz Subdivision
2	Generators -- Four Lift Stations
3	Generator -- Fire Station (Next to Town Hall)
Rosedale	
1	Drainage -- Agusta Culvert Upgrades
2	Wind Hardening -- Town Hall
3	Generator -- Town Hall/Maintenance Barn/Fire Department (Taylor GS 90 Automatic Transfer)
4	Drainage -- New Canals at Griffland Terrace
Maringouin	
1	Wind Hardening and Safe Room -- Police Department
2	Tornado Warning System
3	Wind Hardening -- Town Hall
4	Drainage Improvement -- Widen Church Street Canal (60 Homes, 2 Businesses) and Install Box Culverts
5	Wind Hardening and Safe Room -- Fire Department
6	Generator -- Maintenance Barn
7	Generator -- Sewer Lift Stations (12)
White Castle	
1	Drainage Improvement -- Enclose Shady Lane Canal with Box Culverts
2	Drainage Improvement -- Increase Influent Ditch on Bowie Street
3	Wind Hardening and Safe Room -- Police Department
4	Wind Hardening -- Town Hall Annex (FD)
5	Wind Hardening -- Town Hall
6	Generator -- Community Center
7	Drainage Improvement -- Dredge White Castle Canal
Plaquemine	
1	Generator -- Sewer Lift Station
2	Generator -- Water Plant
3	Generator -- Utilities Office
4	Wind Hardening -- Utilities Office
5	Wind Hardening -- Water Plant
6	New Power Plant
St. Gabriel	
1	Drainage Improvement -- Carville (New Pump Station, Community Canal)
2	Generator -- Lift Stations
3	Drainage Improvement -- Bayou Breaux Dredging
4	Wind Hardening -- Police Station
5	Tree Trimming to Ensure Uninterrupted Power following a storm event
6	Drainage Improvement -- New Pump Stations at Sunshine Sewer Plant to pump into River
7	Drainage Improvement -- Culvert Upgrade Jake Lane
8	Drainage Improvement -- Culvert Upgrade Besson
9	Drainage Improvement -- Culvert Upgrade St. Francis
	Not eligible for HMGP funding
	Potentially Eligible for Traditional HMGP Funding
	Needs More Information
	5% Initiative Projects