



**US Army Corps
of Engineers**
New Orleans District

Westbank and Vicinity Project Update

**IERs 12, 13 and borrow
100-year protection
Storm Damage Risk Reduction System**

**Ms. Julie Vignes, Senior Project Manager
March 13, 2008
Our Lady of Holy Cross College
Algiers, LA**



**US Army Corps
of Engineers**
New Orleans District

Why are we here tonight

To discuss the status of in-progress projects and alternatives that will bring the Westbank and Vicinity portion of the Storm Damage Risk Reduction System in Jefferson, Plaquemines and Orleans parishes up to 100-year protection levels.



National Environmental Policy Act: NEPA

- Required for all major Federal actions
- Analyze potential impacts to the human and natural environment and investigate reasonable alternatives
- Public Involvement is KEY! We want to hear from you!
- Goal: more informed decision making through public involvement
- Analyses documented in Individual Environmental Reports (IER)

NEPA Process and Path Ahead

- The NEPA process began with public scoping meetings for IERs 12 and 13 in March 2007
- From March 2007 through today, current project alternatives were developed, impacts were analyzed, and public input was solicited
- Tentative dates of draft IER 30-Day public review period:
 - IER 12: May 21, 2008 - June 19, 2008
 - IER 13: May 25, 2008 – June 23, 2008



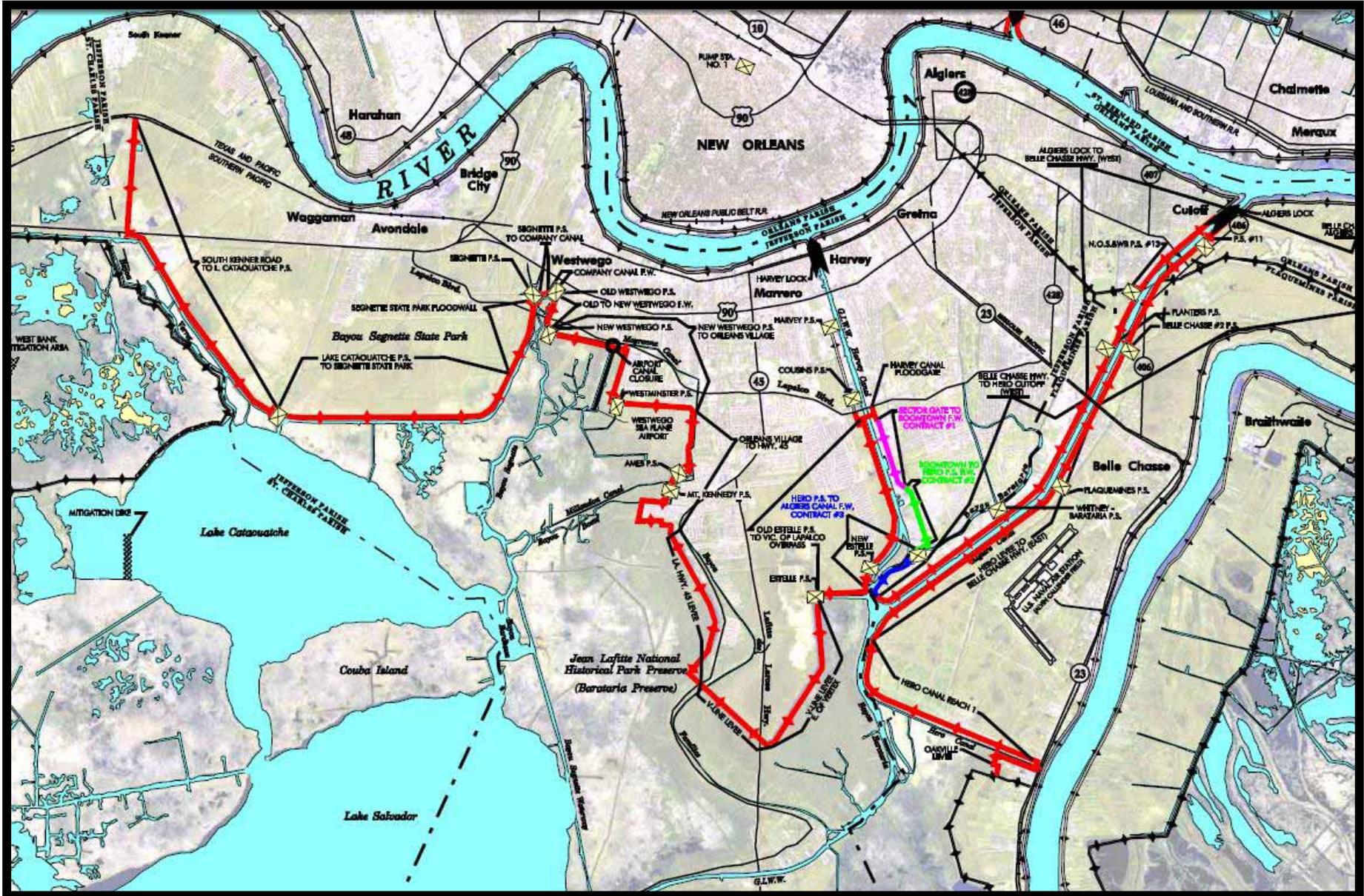
NEPA Process and Path Ahead

- Final decision regarding IER recommendations will be made in 2008. Tentative decision dates are:
 - IER 12: July 7, 2008
 - IER 13: July 7, 2008



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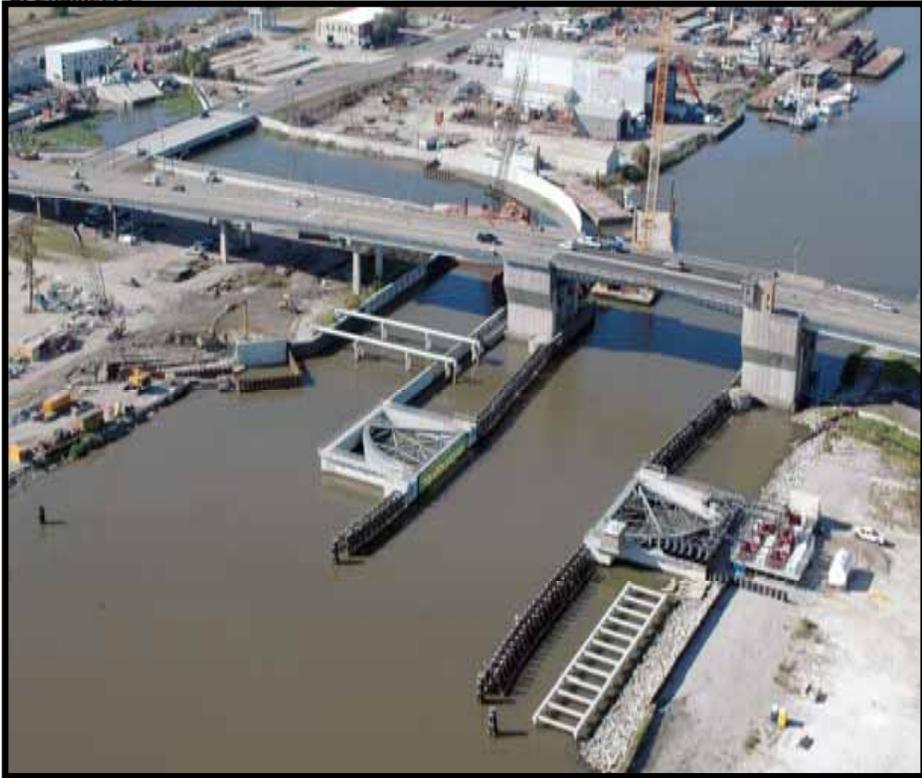
West Bank and Vicinity Hurricane Protection Project





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Harvey Floodgate



- Harvey Floodgate operational; providing protection across canal to elevation +8
- Protection across canal by Jun 2008 +11

Harvey Floodwalls



- Boomtown Casino to Hero Pump Station awarded Mar 2007
- Lapalco to Boomtown awarded 1 Feb 2008
- 3 Remaining Task Orders to be awarded by July 2008

One Team: Relevant, Ready, Responsive and Reliable



Harvey Canal Floodwalls

5 Contract Task Orders

Reach 1 Lapalco to Boomtown
(Under Construction)

Reach 2a Boomtown

Reach 2b Boomtown to Hero Pump Station
(Under Construction)

Reach 3a Hero Pump Station

Reach 3b Hero Pump Station to Algiers Canal

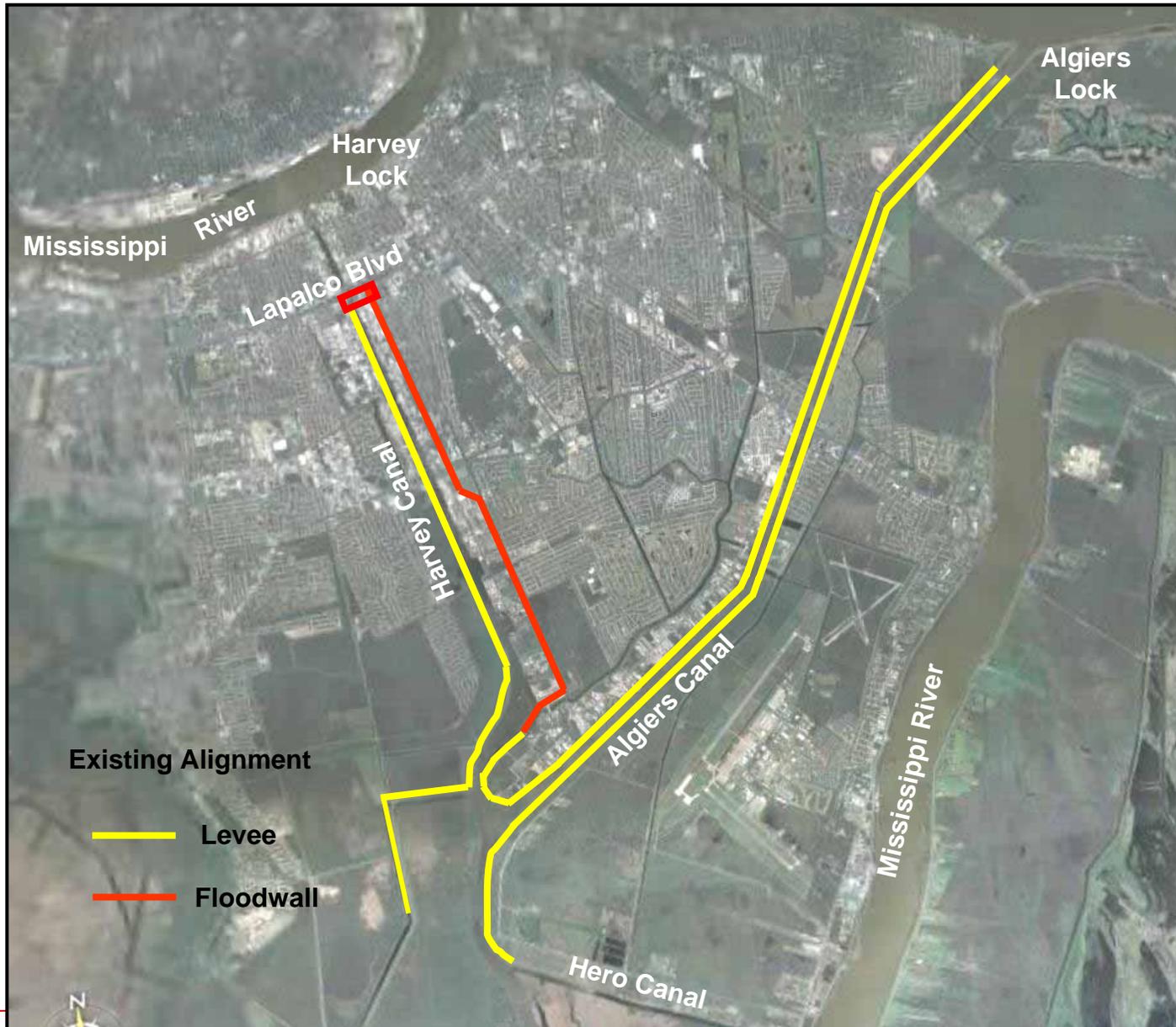
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IER 12 Harvey and Algiers Canal

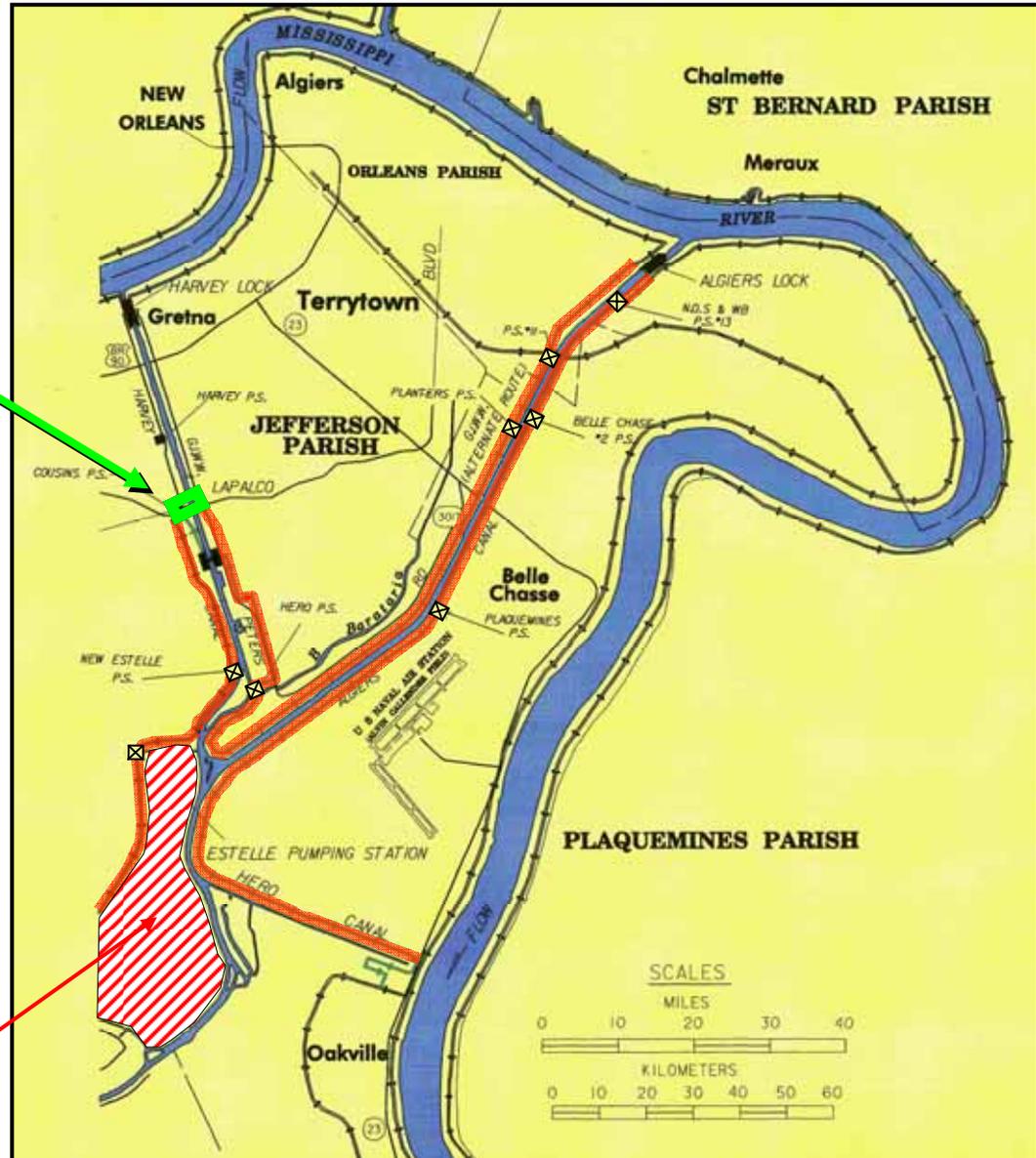




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Algiers and Harvey Canal Area – 100-Yr Protection

Alternative: Parallel Protection



Lapalco Floodgate
and Cousins PS
Discharge Channel
Walls (raised to provide
100 yr level of protection)



Levees and Floodwalls
at elevation to provide
100 yr level of protection

Bayou Aux Carpes 404 (c) Site

One Team: Relevant, Ready, Responsive and Reliable

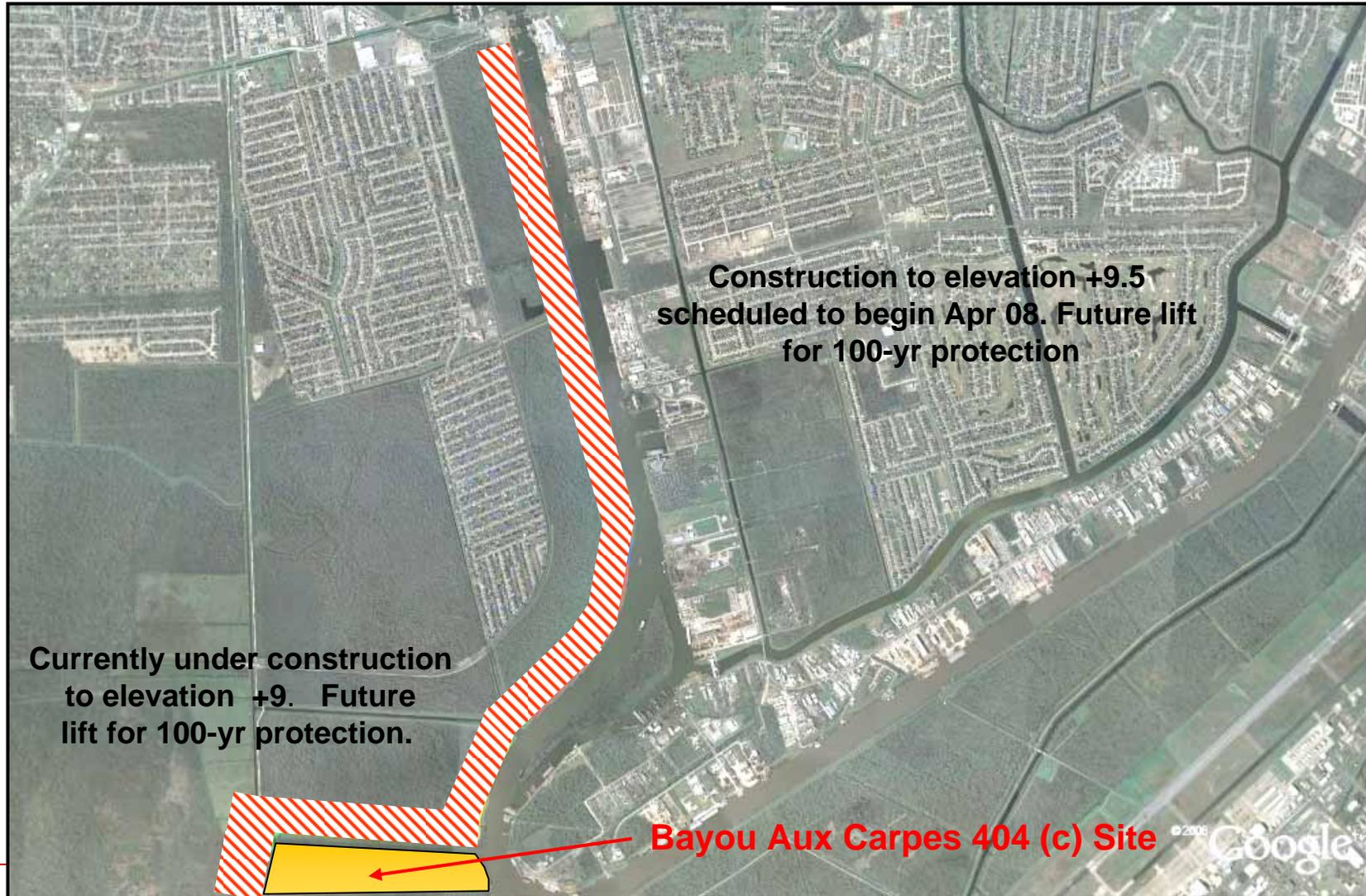


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Levees West of Harvey Canal

Alternatives: Levee Enlargement (straddle, landside or floodside shift) and floodwalls

**Earthen levee section (landside shift)
May require relocation of drainage canal**

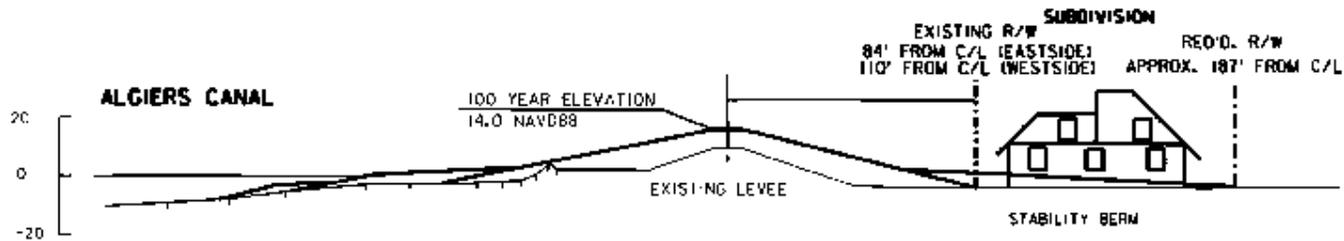




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Algiers Canal Levee

Earthen Levee Section



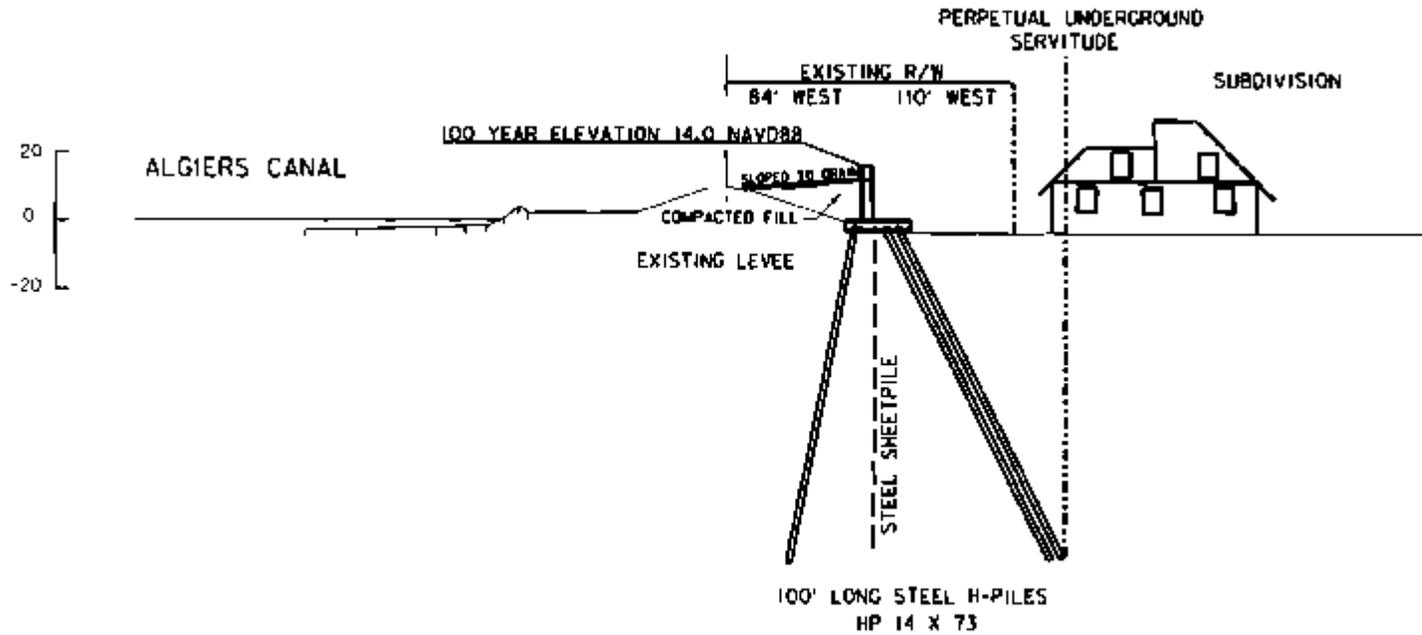
TYPICAL SECTION - FULL EARTHEN LEVEE



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Algiers Canal Levee

T-Type Floodwall Section



TYPICAL T-TYPE FLOODWALL



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Algiers and Harvey Canal Area – 100-Yr Protection

Alternative: Floodgate on GIWW

Floodgate and permanent bypass channel in the GIWW below the confluence of the Algiers and Harvey Canals to the 100 yr level of protection



Lapalco Floodgate and Cousins PS Discharge Channel Walls at previously authorized level of protection



Proposed Floodgate and pump station at 100 yr level of protection



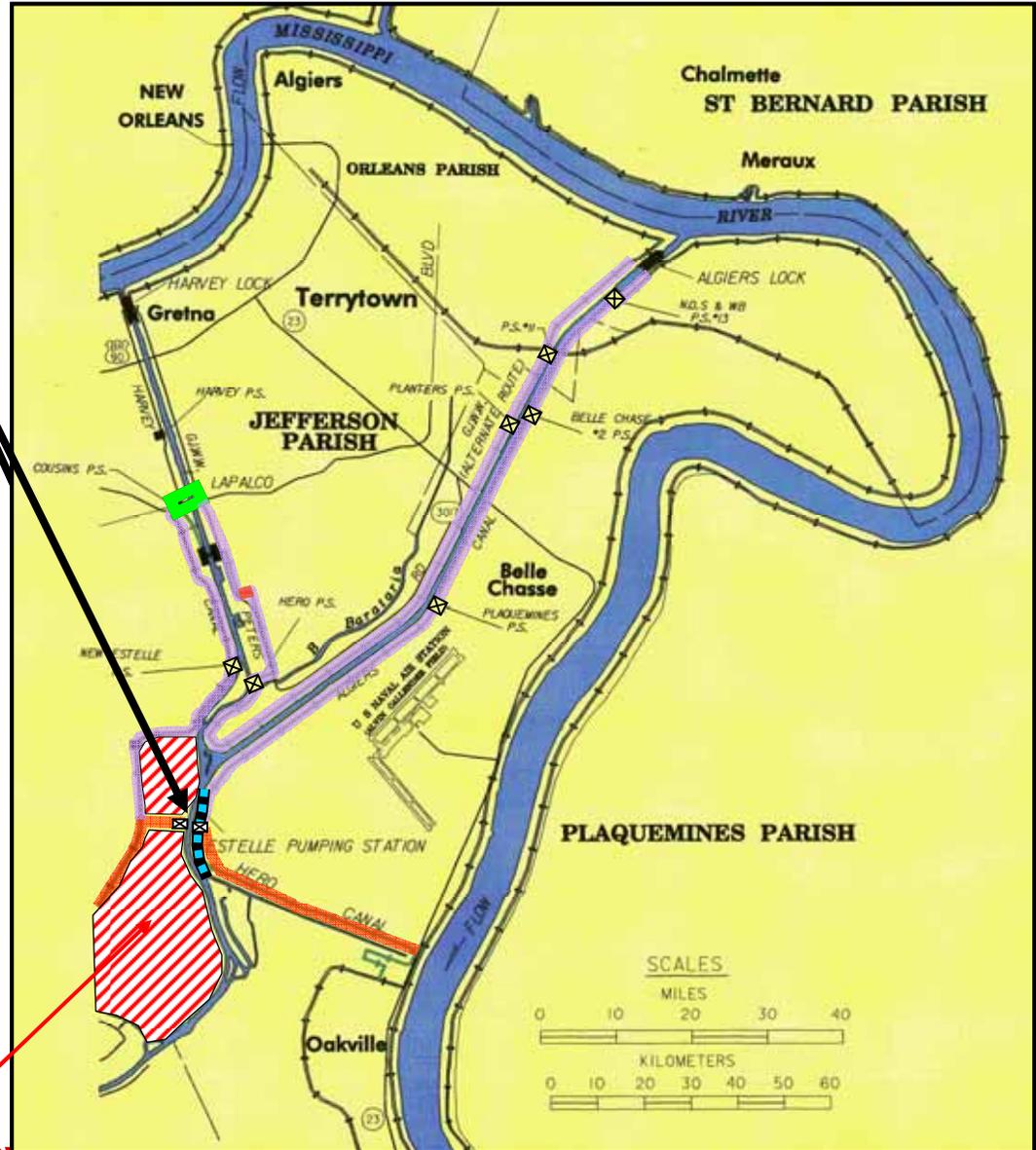
GIWW permanent bypass channel



Levees and Floodwalls to the previously authorized level of protection or greater



Levees and Floodwalls to the 100 yr level of protection



Bayou Aux Carpes 404 (c) Site

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Algiers and Harvey Canal Area – 100-Yr Protection

Alternative: Floodgate on Algiers Canal

Sector floodgate in the Algiers Canal to the 100 yr level of protection



Lapalco Floodgate and Cousins PS Discharge Channel Walls (raised to provide 100 yr level of protection)



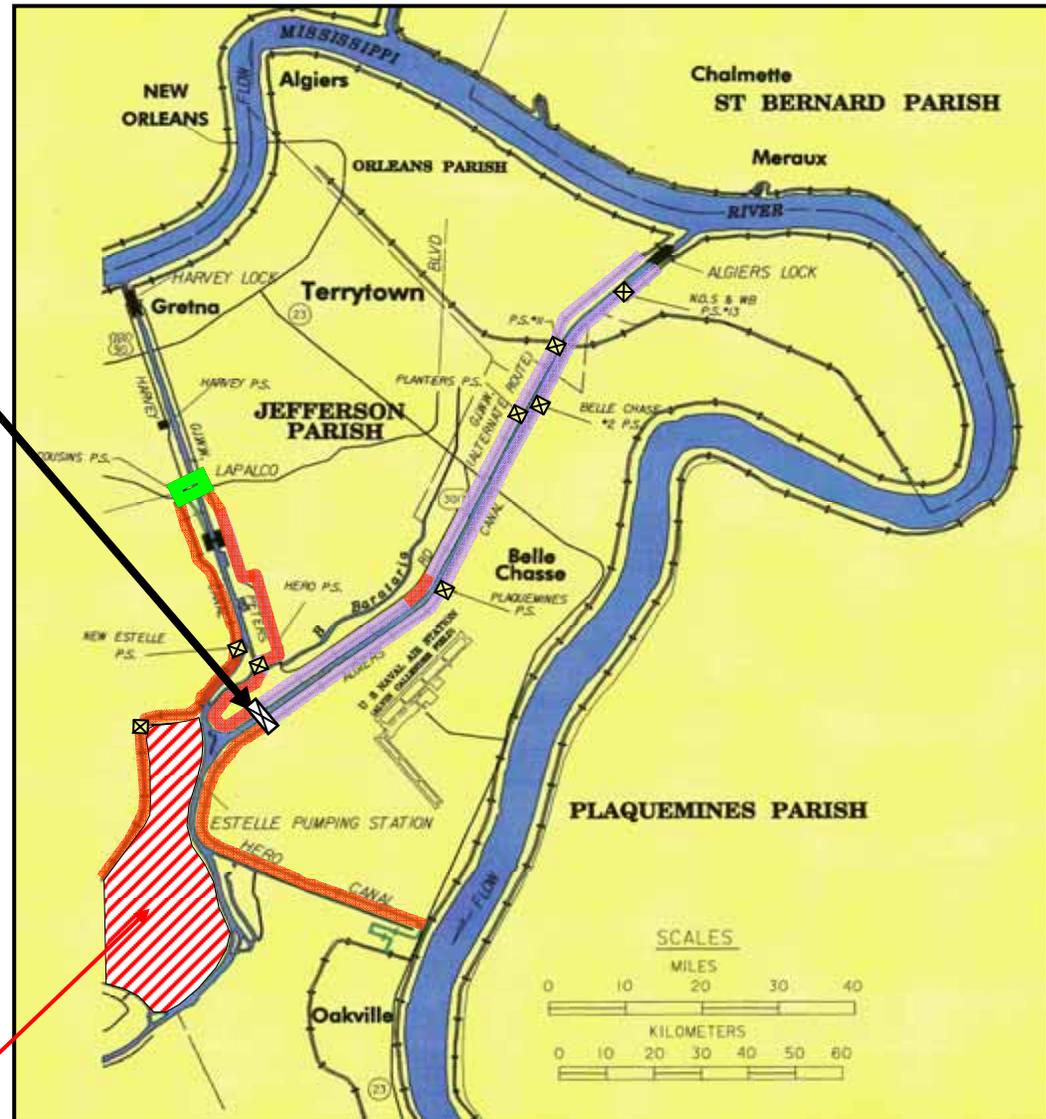
Proposed Floodgate and pump station at 100 yr level of protection



Levees and Floodwalls to the previously authorized level of protection



Levees and Floodwalls to the 100 yr level of protection



Bayou Aux Carpes 404 (c) Site

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IER 13 Hero to Oakville Levees and Floodwalls



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Hero Levee

Alternatives: Levee Enlargement (straddle, landside or floodside shift) and floodwalls

Earthen levee section (landside shift)

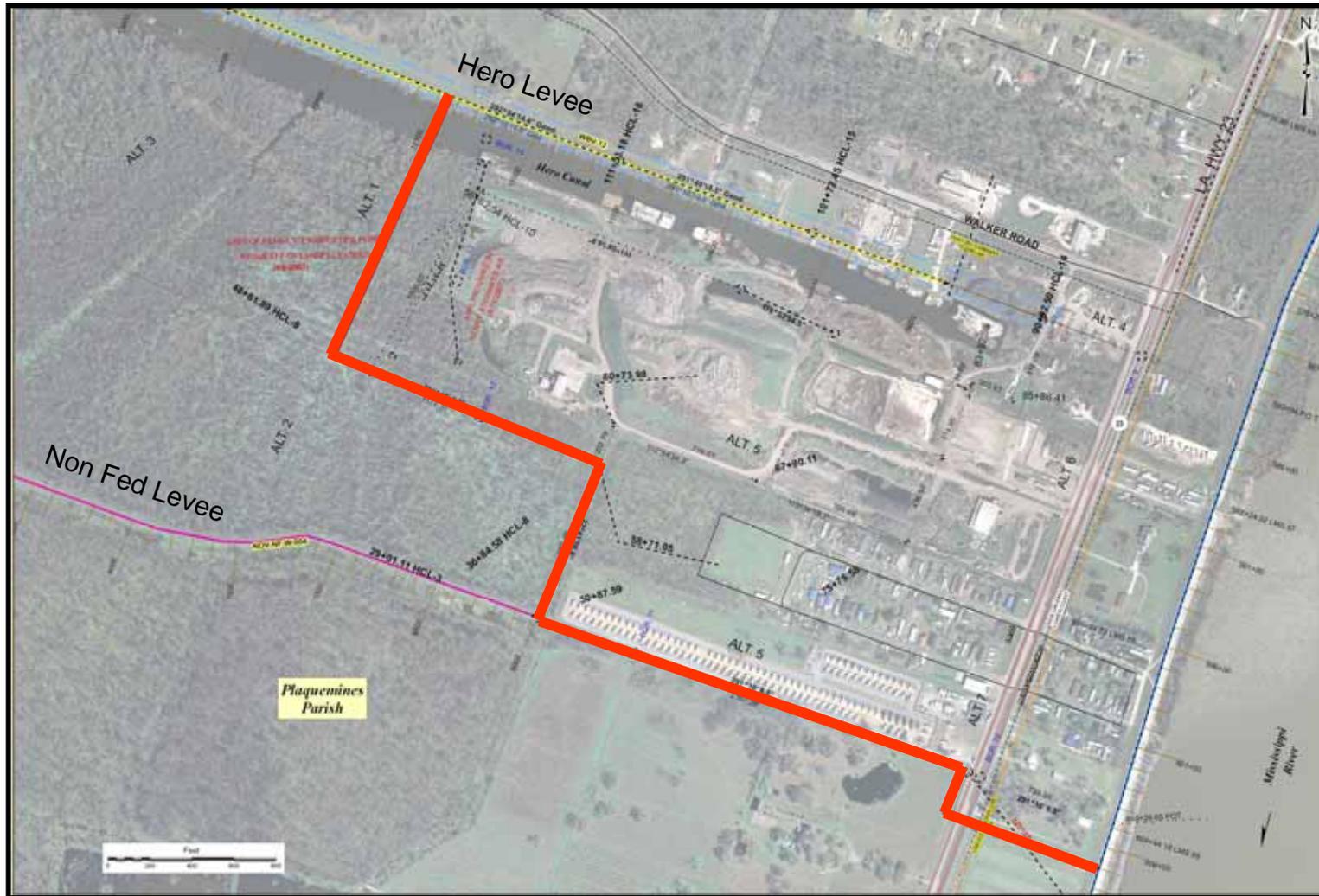


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Hero to Oakville 100-Yr Protection

Alternative 1

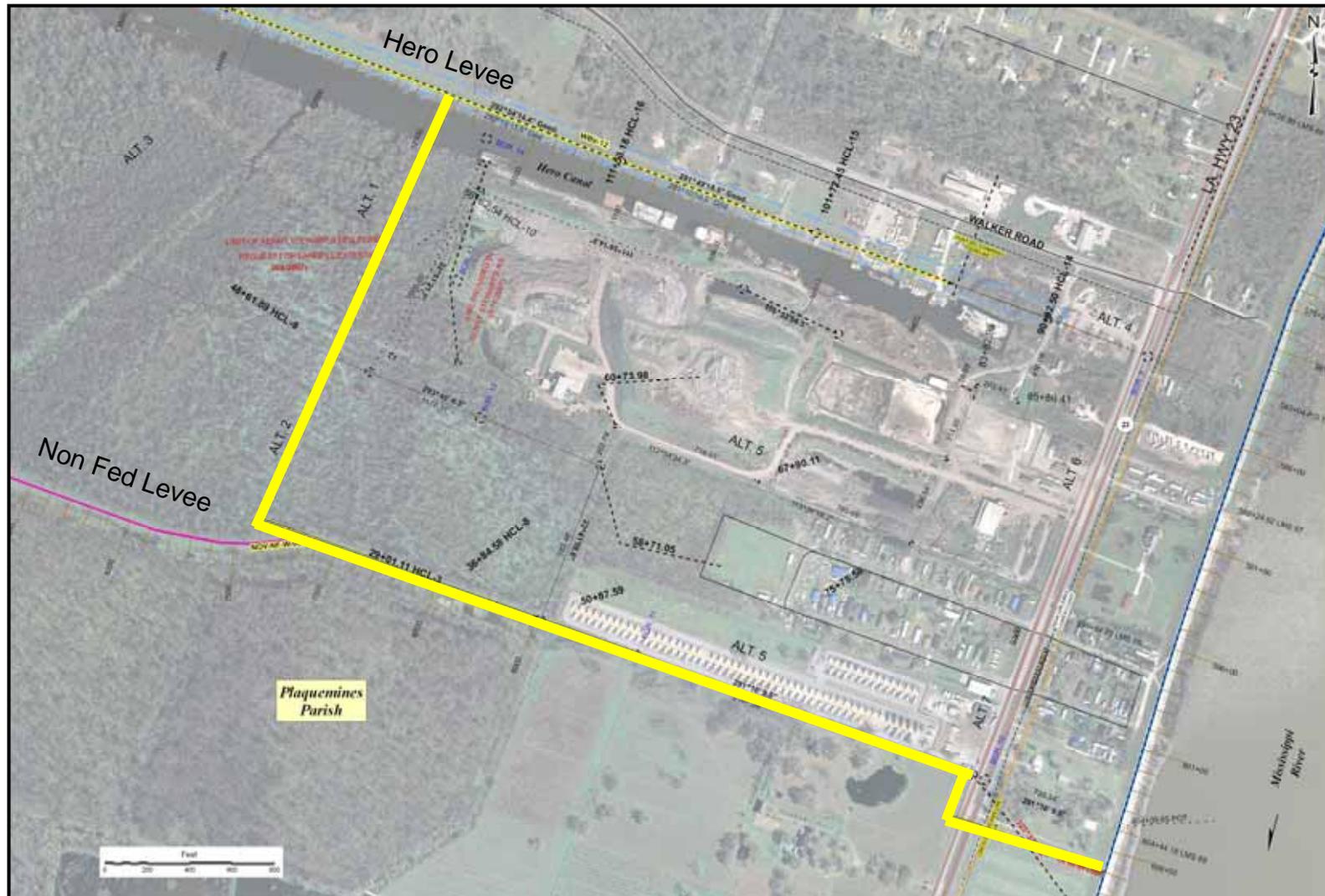
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Hero to Oakville 100-Yr Protection

Alternative 2

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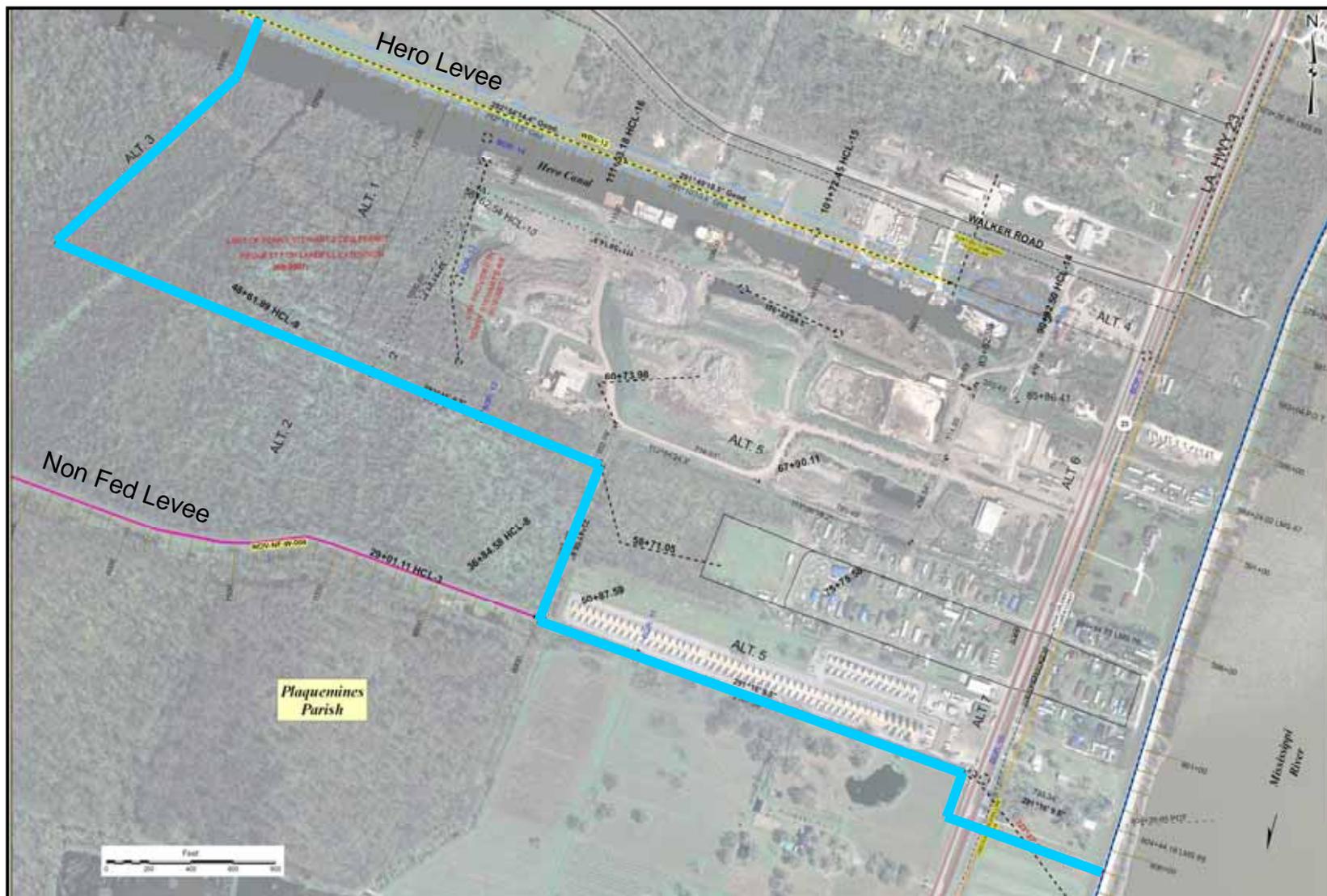


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Hero to Oakville 100-Yr Protection

Alternative 3

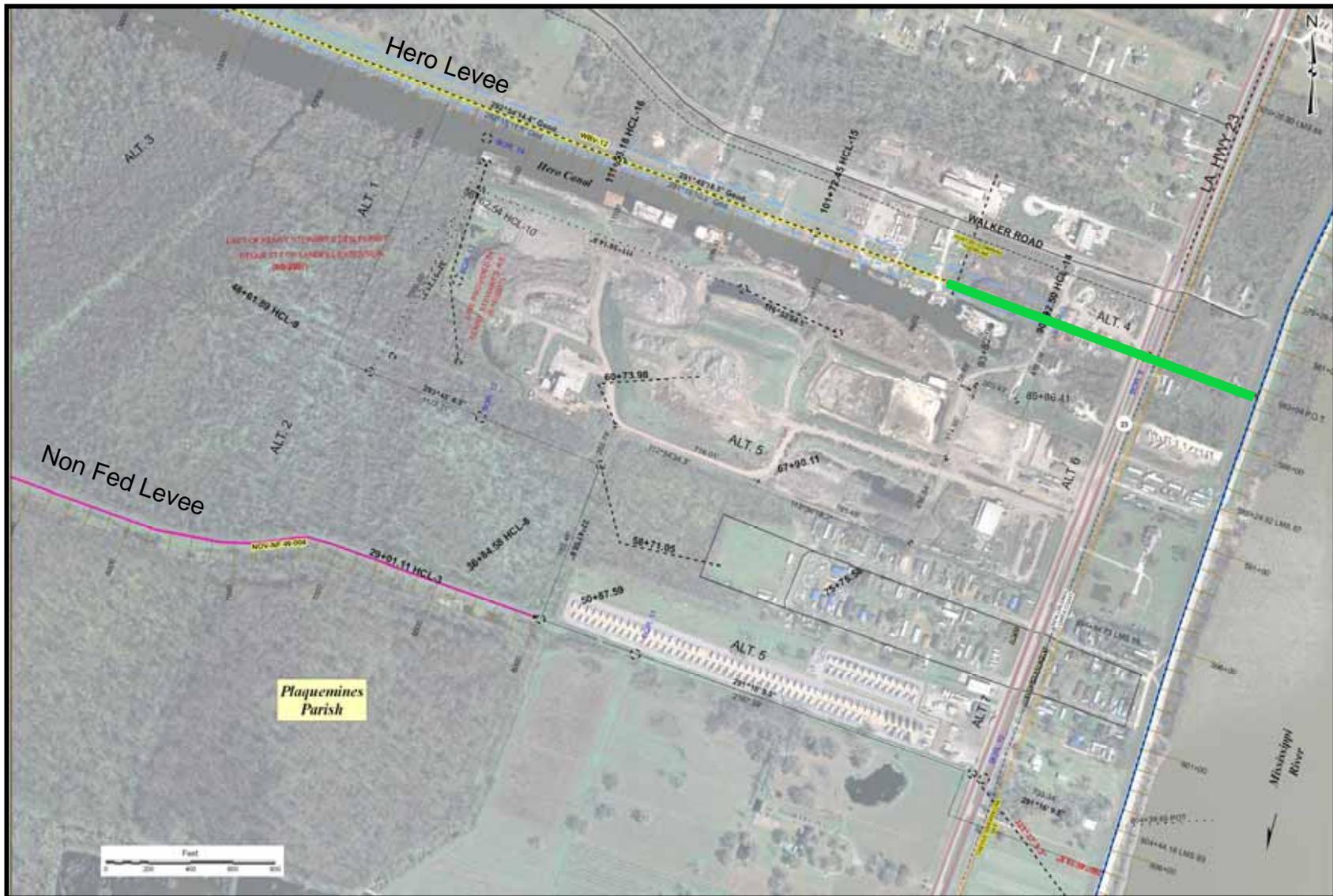
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Hero to Oakville 100-Yr Protection

Alternative 4
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New Orleans District

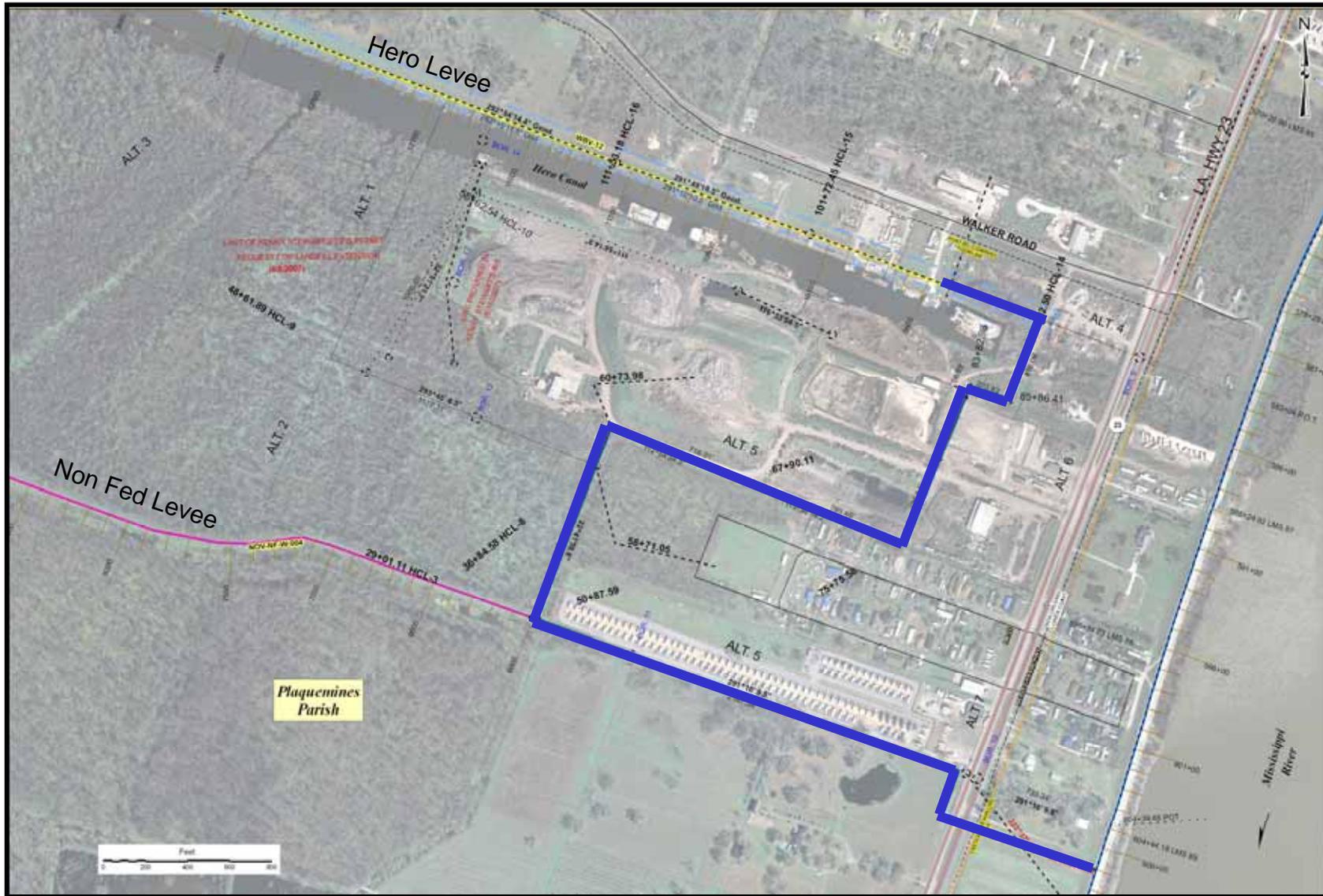


One Team. Relevant, Ready, Responsive and Reliable

Hero to Oakville 100-Yr Protection

Alternative 5:

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New Orleans District

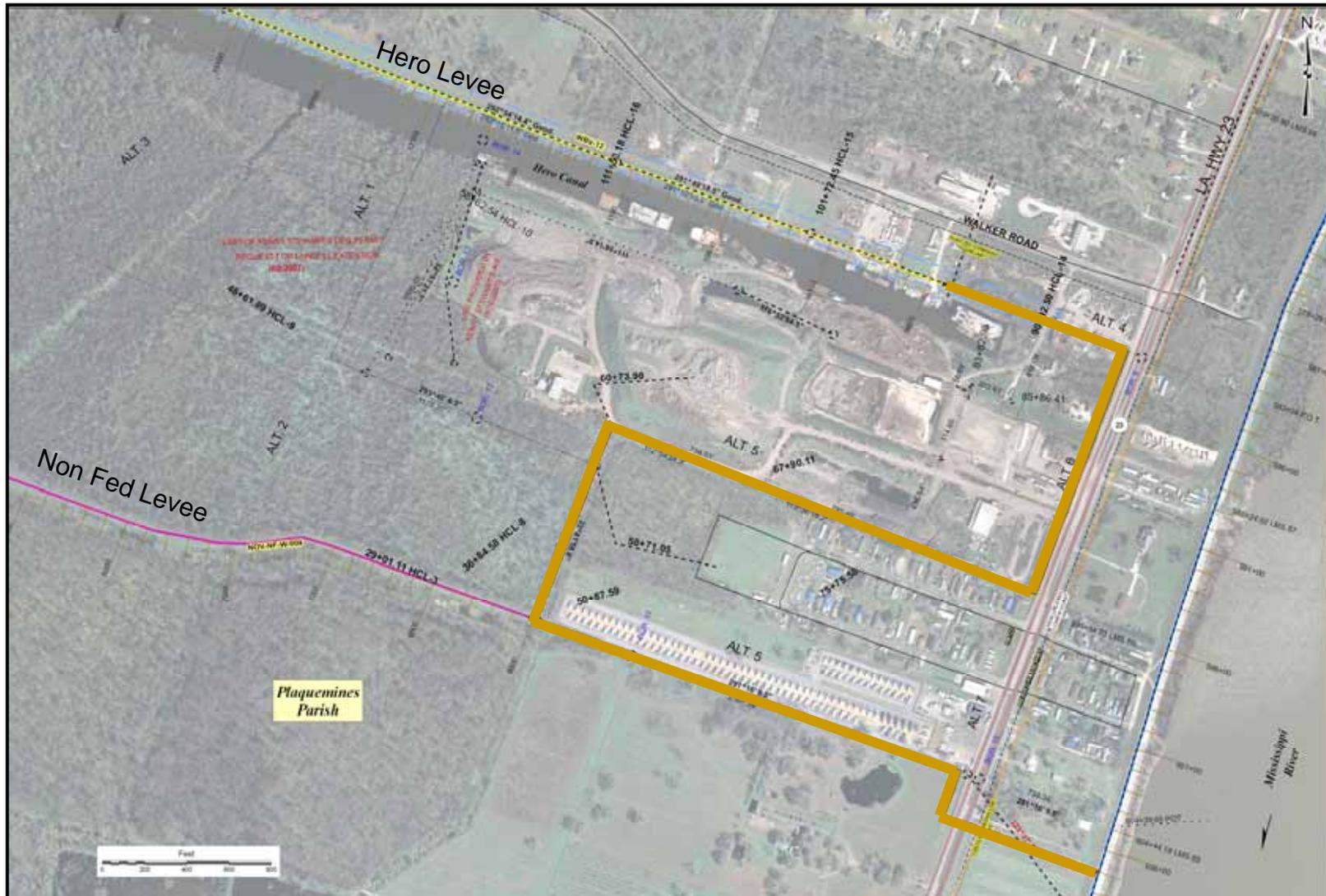


One Team: Relevant, Ready, Responsive and Reliable

Hero to Oakville 100-Yr Protection

Alternative 6:

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New Orleans District



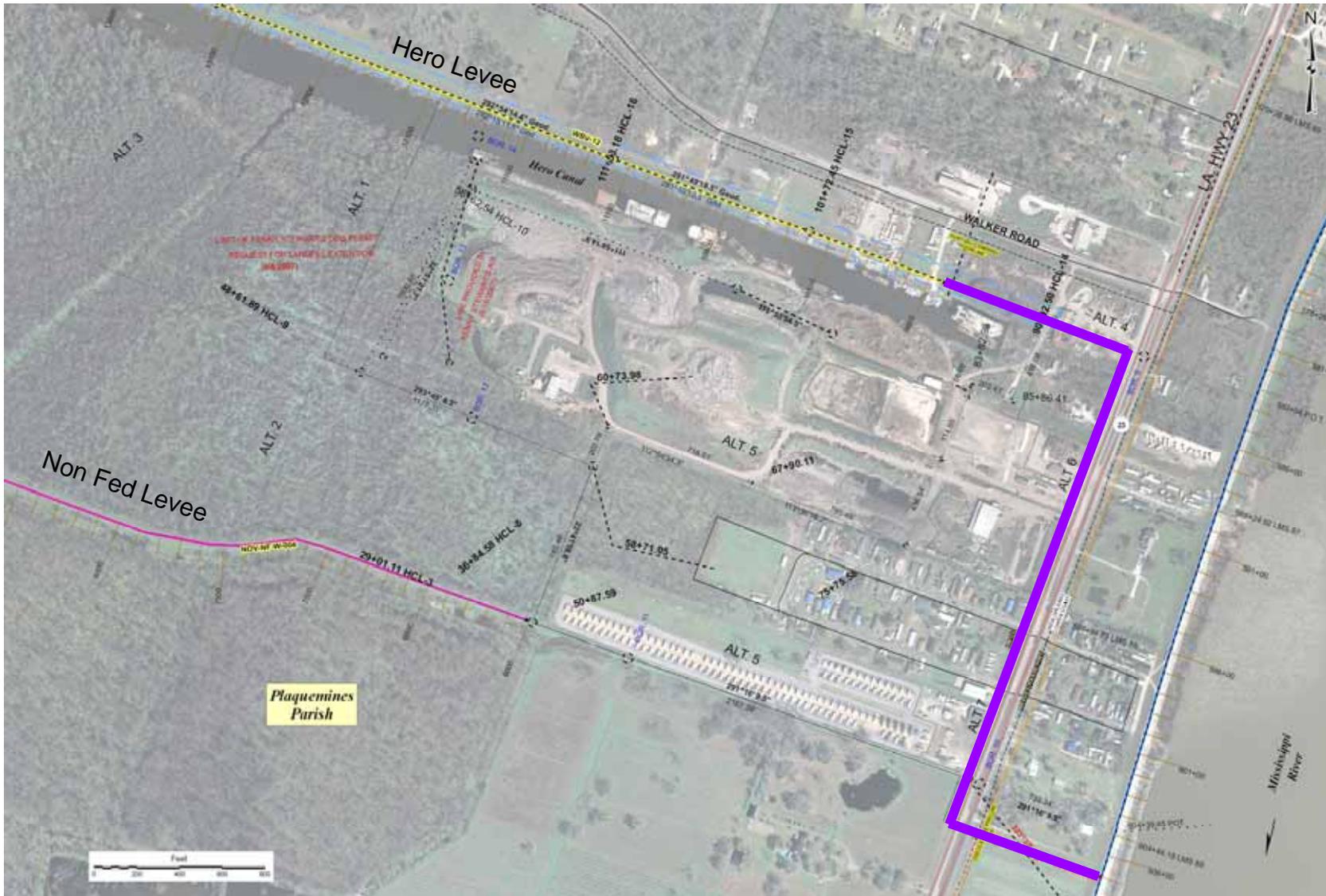
One Team: Relevant, Ready, Responsive and Reliable



Hero to Oakville 100-Yr Protection

Alternative 7:

New Orleans District



One Team: Relevant, Ready, Responsive and Reliable



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New Orleans District

Borrow

All Sites Investigated



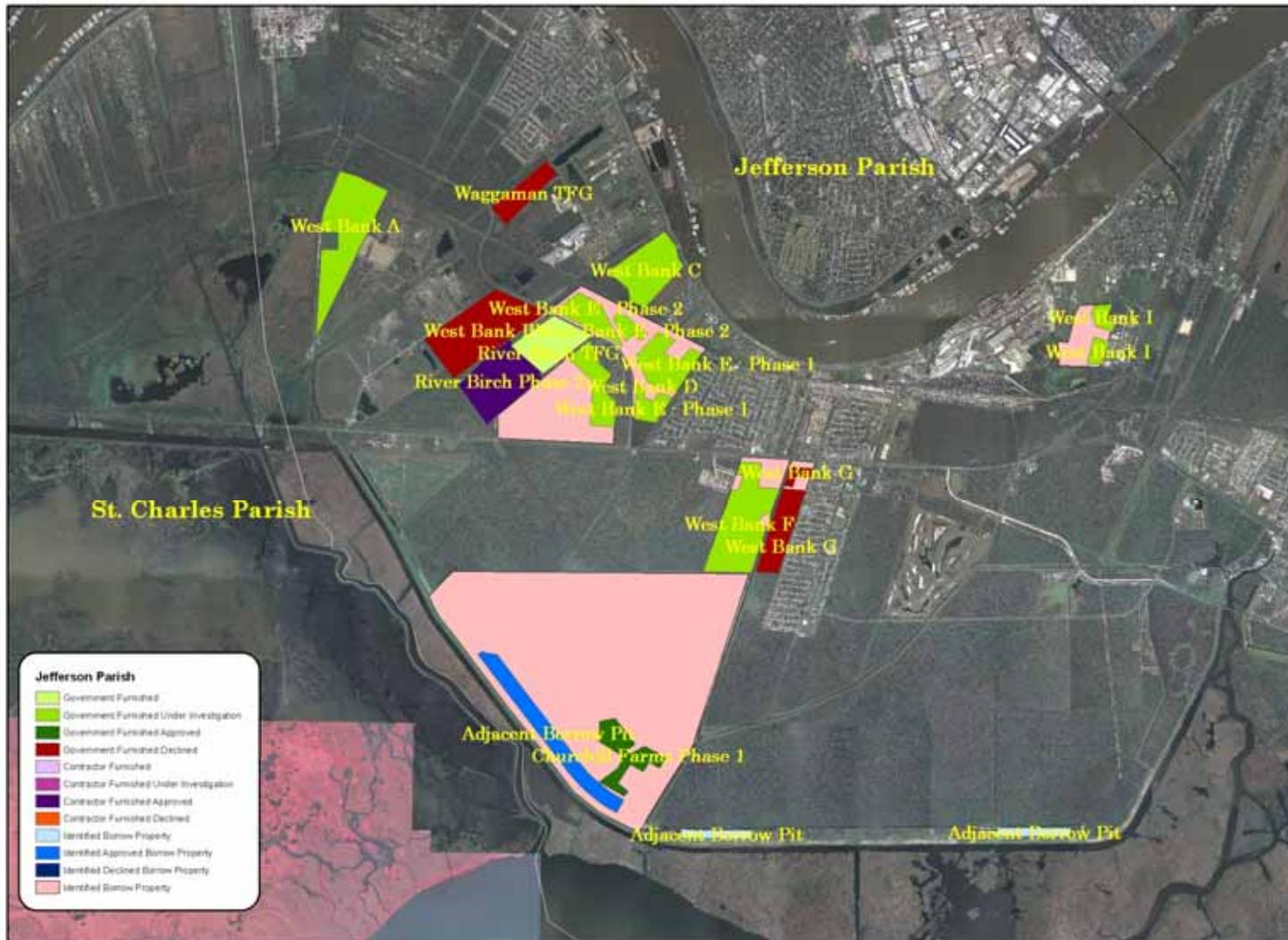
9 MARCH 2008

One Team: Relevant, Ready, Responsive and Reliable



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Westbank Jefferson Parish

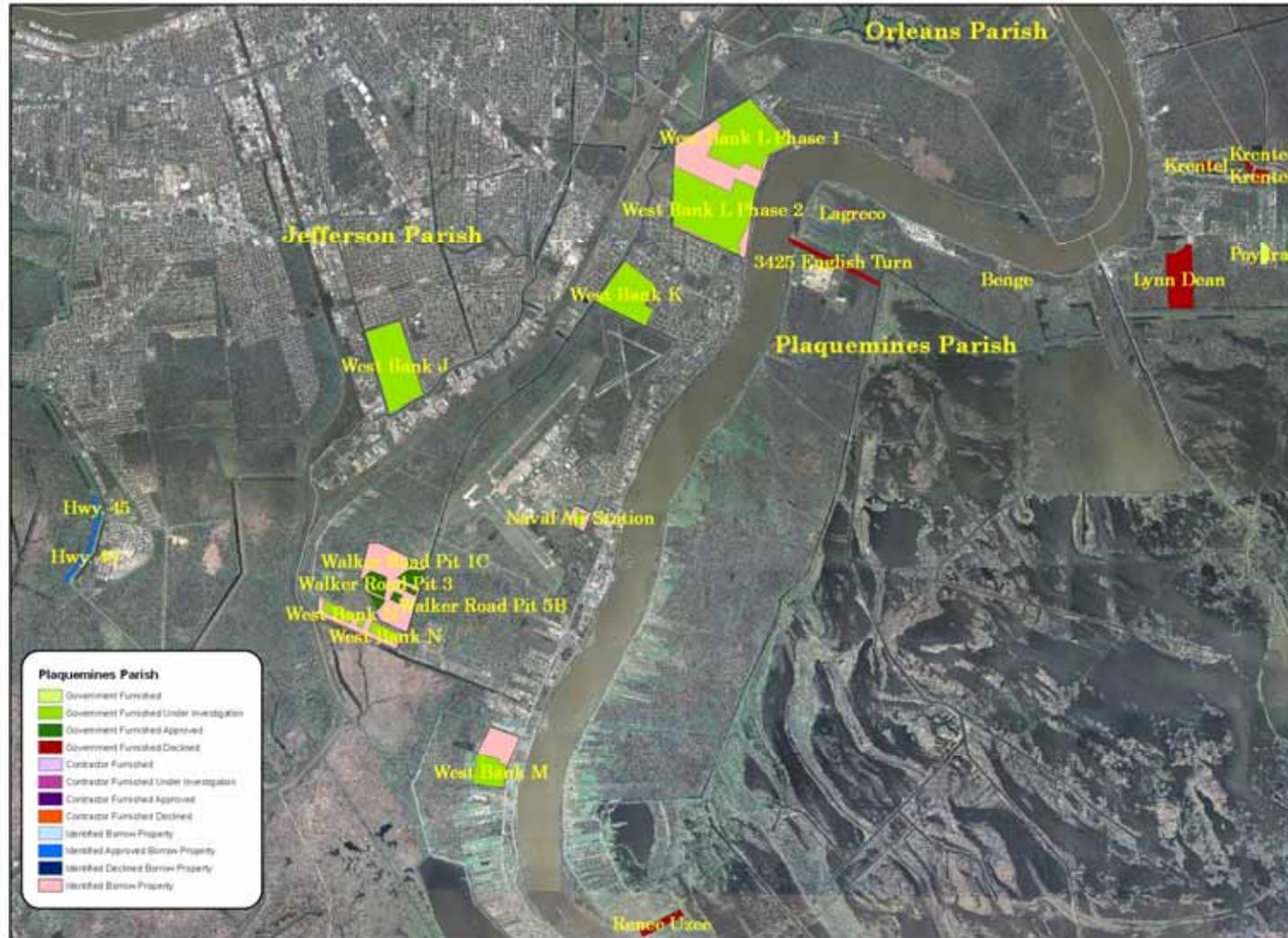




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Plaquemines Parish 1



7 MARCH 2008

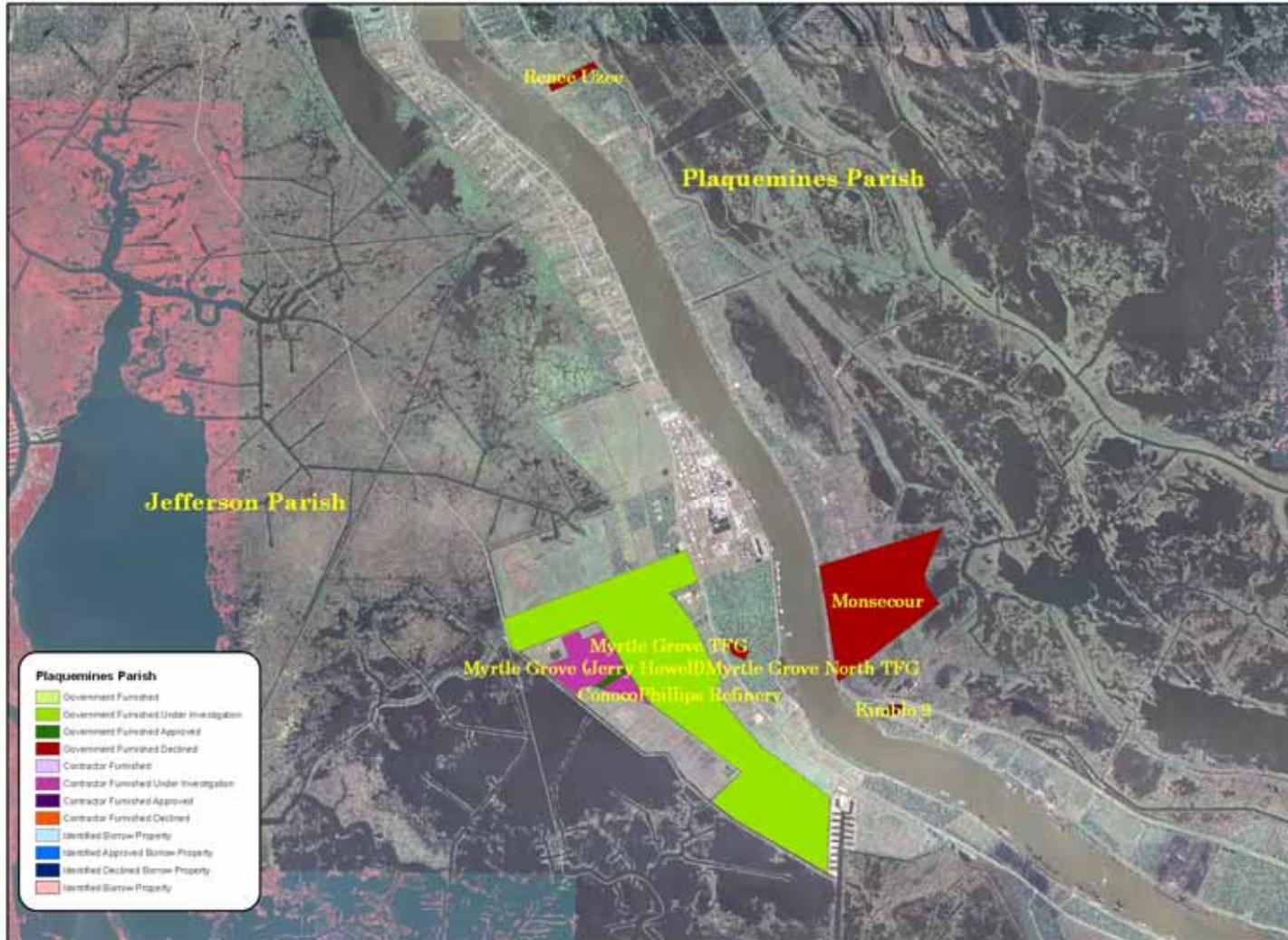




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Plaquemines Parish 2



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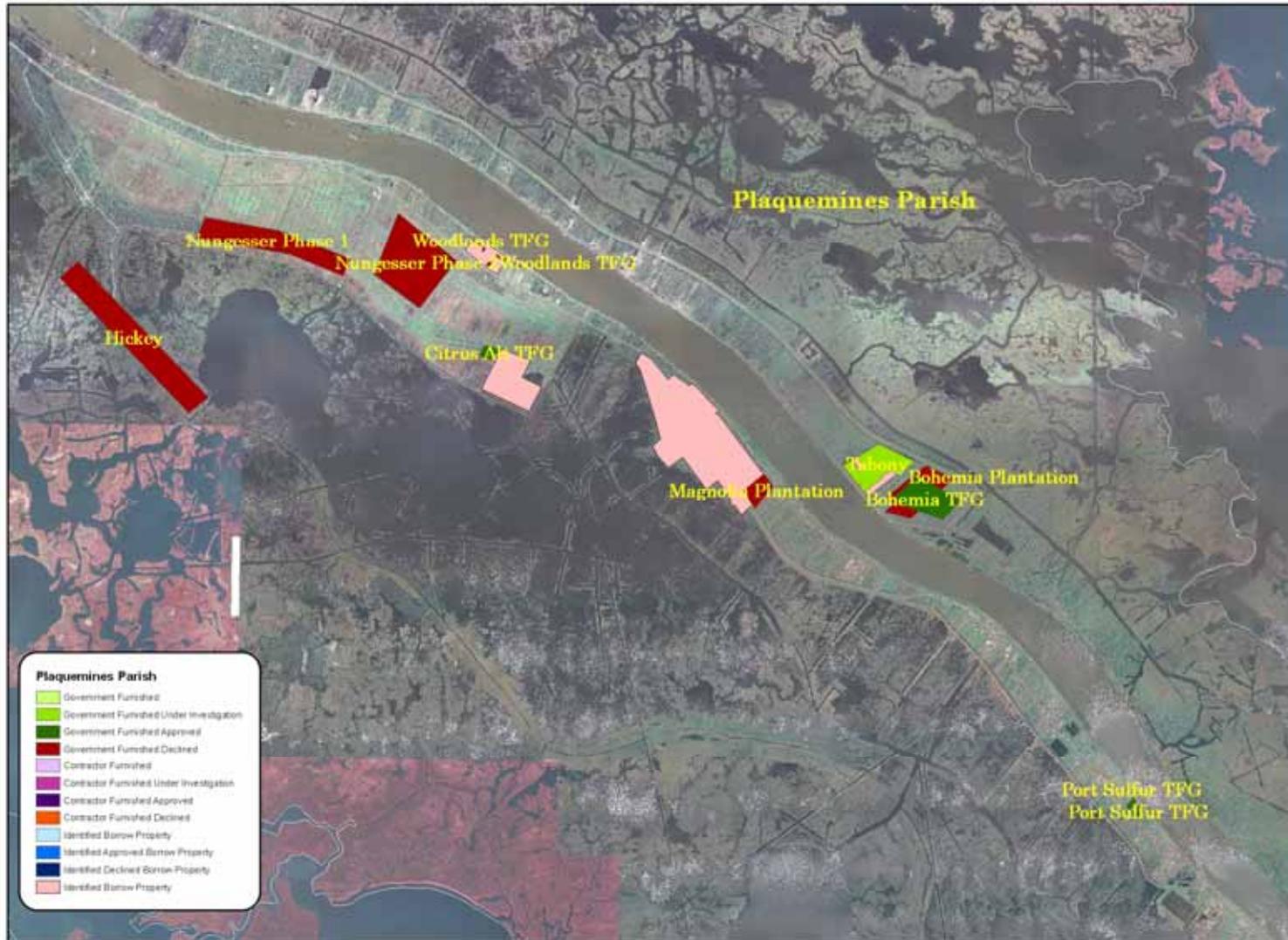
one team, ready, response and recovery



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Plaquemines Parish 3



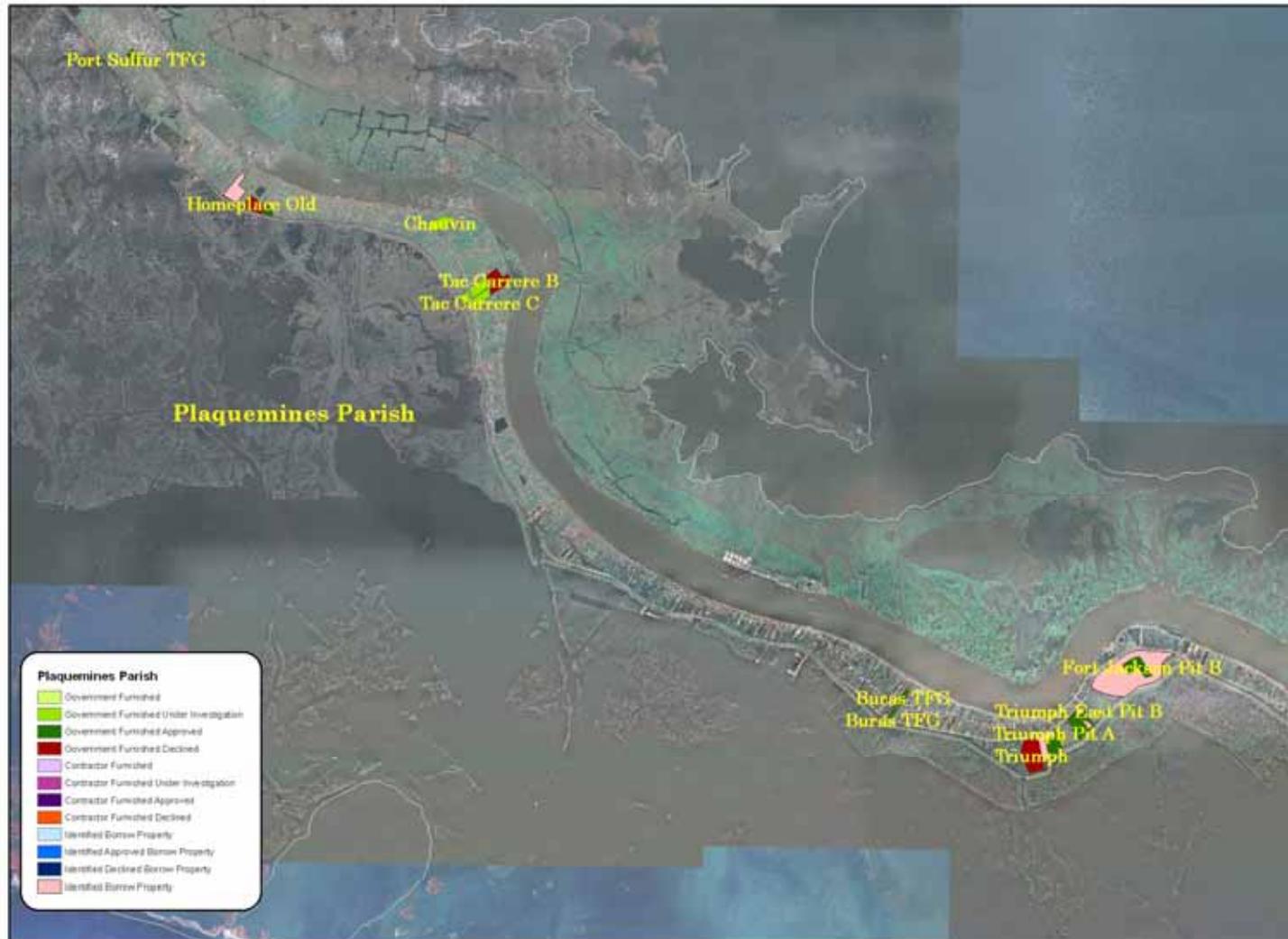
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Borrow

Plaquemines Parish 4



7 MARCH 2008



Opportunities for Public Input

- Monthly Public Meetings throughout New Orleans Metro Area
 - Make sure to sign in tonight to get on our meeting notification mailing list www.nolaenvironmental.gov

- Comments can be submitted at any time at
Questions and comments regarding Hurricane Protection Projects
should be addressed to:

- Individual Environmental Reports (IER) 30-day
Public Review

Gib Owen
PM-RS

P.O. Box 60267

New Orleans, LA 70160-0267

Telephone: 504-862-1337

E-mail: mvnenvironmental@usace.army.mil



PROJECTS MEETINGS LIBRARY DATA VIEWER GET INVOLVED RELATED LINKS

Welcome to NOLA Environmental! This site has been set up to share with the public the efforts being made by the U.S. Army Corps of Engineers and other Federal and state agencies in south Louisiana regarding the environmental compliance for proposed Federal and state Hurricane Protection Projects. Additional information pertaining to other Federal and state agencies' hurricane recovery efforts in southeast Louisiana will also be posted on the site as it becomes available.

FEATURED PROJECT



USACE-MVN Emergency Alternative Arrangements
West Bank & Vicinity & Lake Pontchartrain & Vicinity
Hurricane Protection Projects

The U.S. Army Corps of Engineers, Mississippi Valley Division, New Orleans District implemented Alternative Arrangements on March 13, 2007 under the provisions of the Council on Environmental Quality Regulations for Implementing the **National Environmental Policy Act** (40 CFR § 1506.11). This process was implemented in order to expeditiously complete environmental analysis for the 100-year level of Hurricane and Storm Damage Reduction effort authorized and funded by the Administration and the Congress. The proposed actions are located in southern Louisiana area and relate to the Federal effort to rebuild the Hurricane and Storm Damage Reduction system in the New Orleans Metropolitan area as a result of Hurricanes Katrina and Rita. ([Learn More](#))

NOW AVAILABLE:

IER 14 Section 404 Public Notice

IER 15 Section 404 Public Notice

The Decision Records for IERs 18 and 19 have been signed by the District Commander

Final IER 18 (*News Release*)

Final IER 19 (*News Release*)



UPCOMING EVENTS: Public Meetings

Mar. 10, 2008 6:30 - 9:00 pm, New Orleans East (IERs 6, 7, 11, and Borrow)

Mar. 12, 2008 6:30 - 9:00 pm, Environmental Justice Public Meeting

Mar. 13, 2008 6:00 - 9:00 pm, Jefferson, Orleans, and Plaquemines Parishes (IERs 12, 13, and Borrow)

West Bank and Vicinity Hurricane Protection Project

Tim Connell
Project Manager

West Bank Hurricane Protection Project

Julie Vignes
Senior Project Manager

West Bank Hurricane Protection Project

Stuart Waits
Senior Project Manager

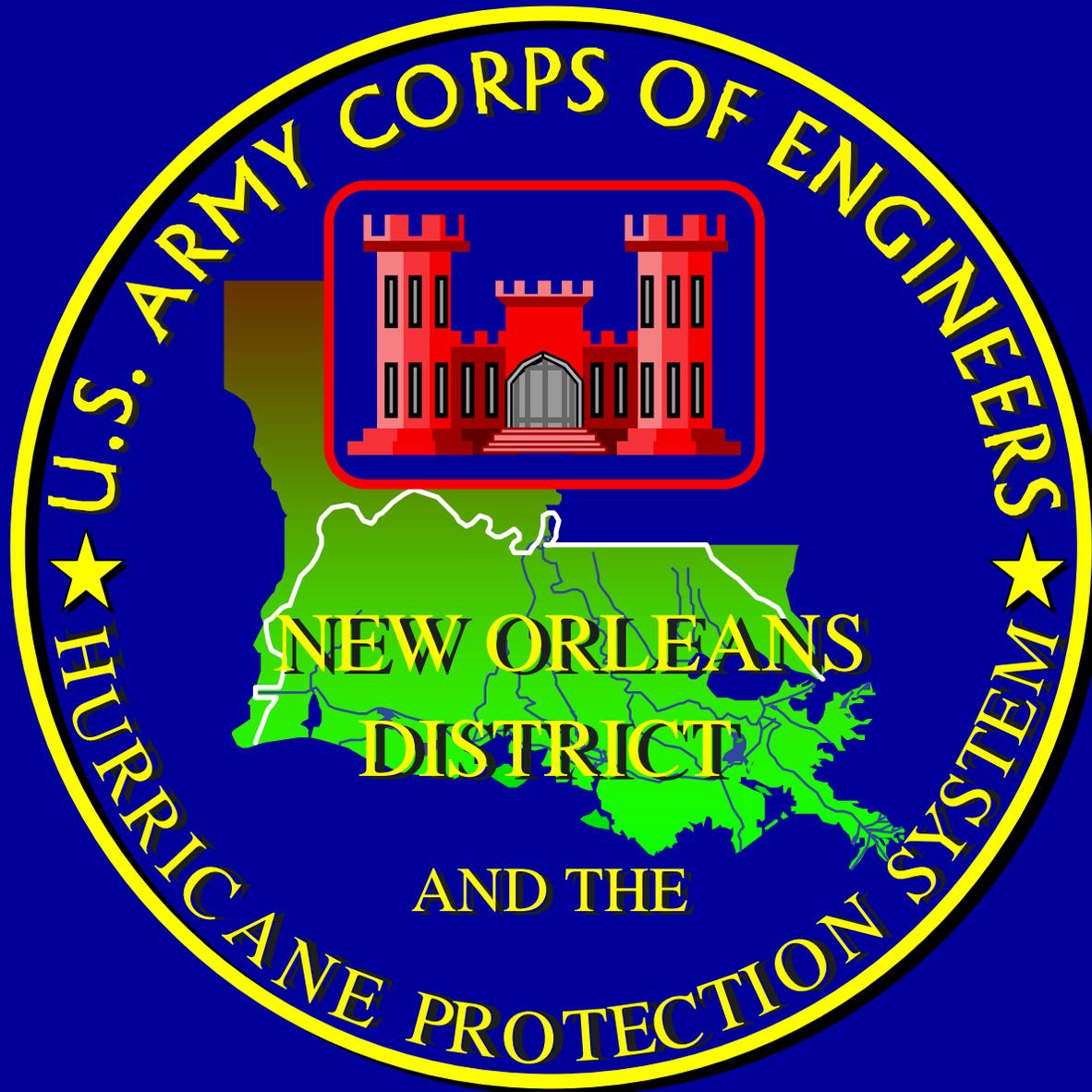
PRO Hurricane Protection Floodwalls

Mike Stack, Jr
Project Manager

West Bank Hurricane Protection Project

Gib Owen
Hurricane Protection System
Environmental Coordinator

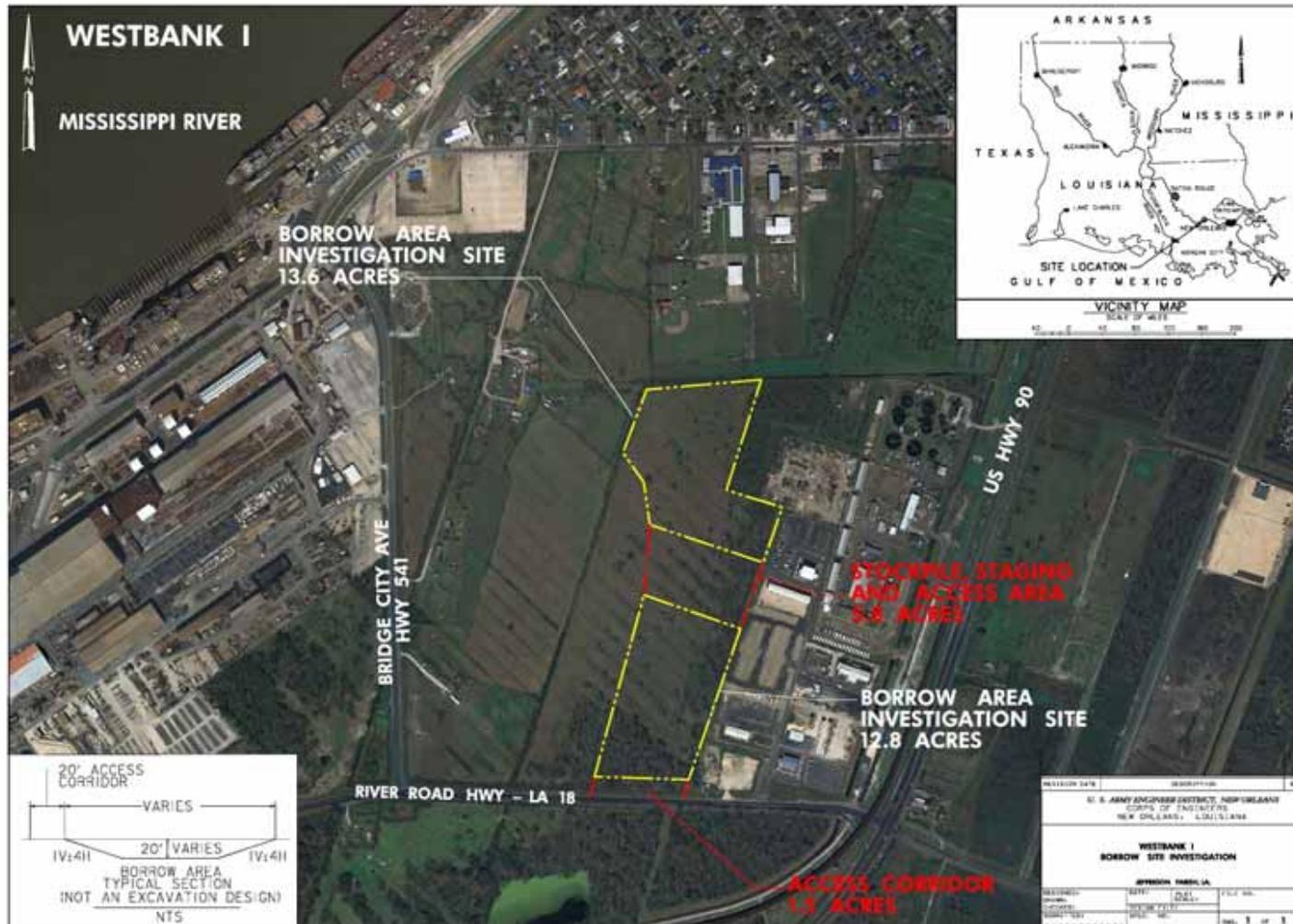






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Borrow Westbank I



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Borrow Westbank K





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Borrow Westbank L



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Borrow

Westbank M