





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

Westbank and Vicinity Project Update

**IERs 12, 13 and borrow
Greater New Orleans Hurricane and
Storm Damage Risk Reduction System**

Ms. Julie Vignes, Senior Project Manager

May 22, 2008

Our Lady of Holy Cross College

Algiers, LA



US Army Corps
of Engineers
New Orleans District

Why we are here tonight

To discuss the status of in-progress projects and alternatives under consideration in the Westbank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System. Improvements will reduce impacts of a storm event that has a 1 percent chance of occurring in any given year.



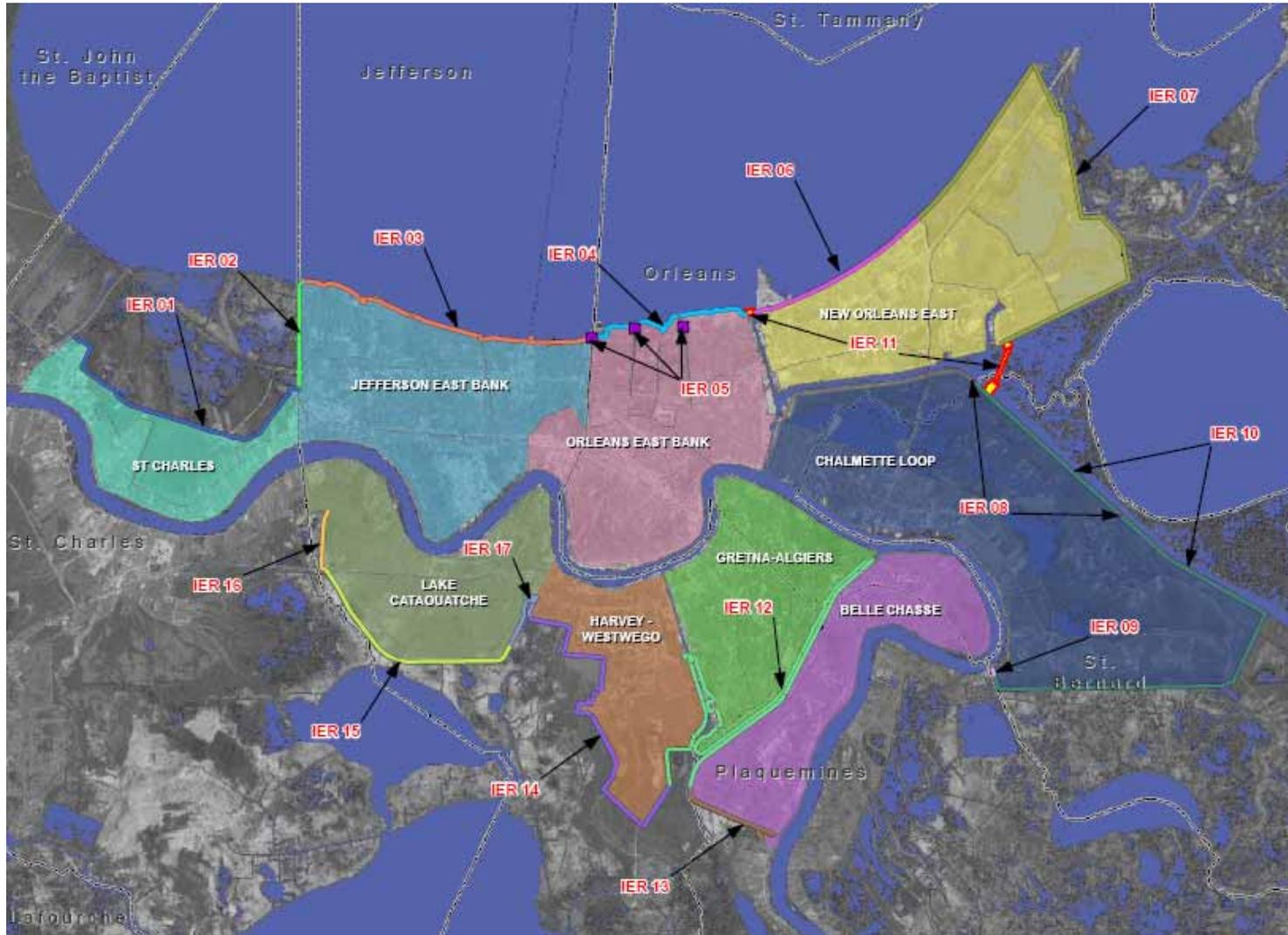
National Environmental Policy Act: NEPA

- 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)



US Army Corps
of Engineers
New Orleans District

Individual Environmental Report Project Areas



One Team: Relevant, Ready, Responsive and Reliable

NEPA Process and Path Ahead

- The NEPA process began with public scoping meetings for IERs 12 and 13 in Mar. 2007
- From Mar. 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: Sept. 2, 2008 – Oct. 3, 2008
 - IER 13: Sept. 20, 2008 – Oct. 20, 2008



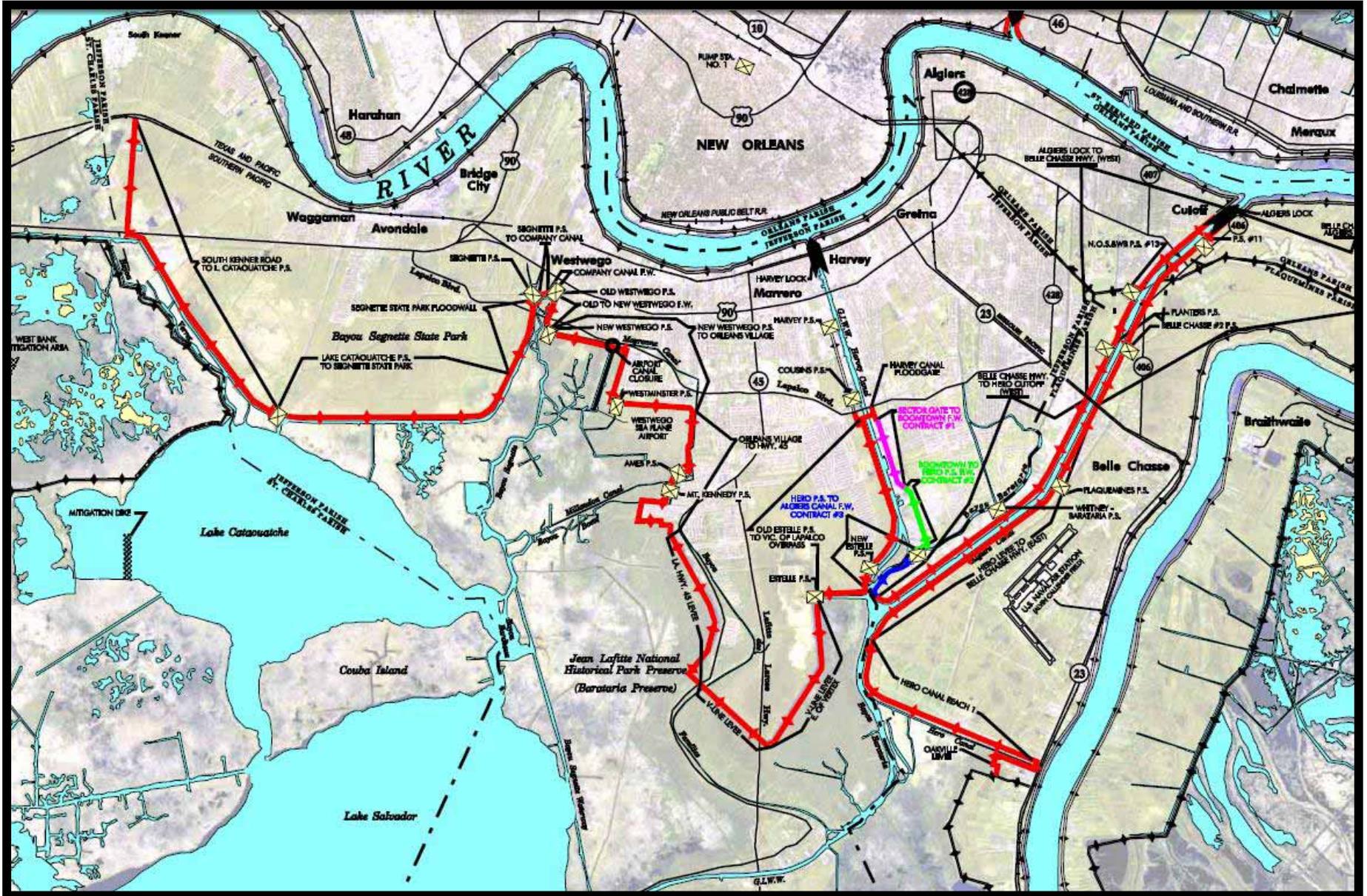
NEPA Process and Path Ahead

- Final decision regarding IER recommendations will be made in 2008. Tentative decision dates are:
 - IER 12: Oct. 19, 2008
 - IER 13: Nov. 3, 2008



US Army Corps
of Engineers
New Orleans District

West Bank and Vicinity Hurricane Protection Project





US Army Corps
of Engineers
New Orleans District

Ongoing Construction

Harvey Floodgate



- Harvey Floodgate operational
- Provides protection across canal to elevation +11

Harvey Floodwalls



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

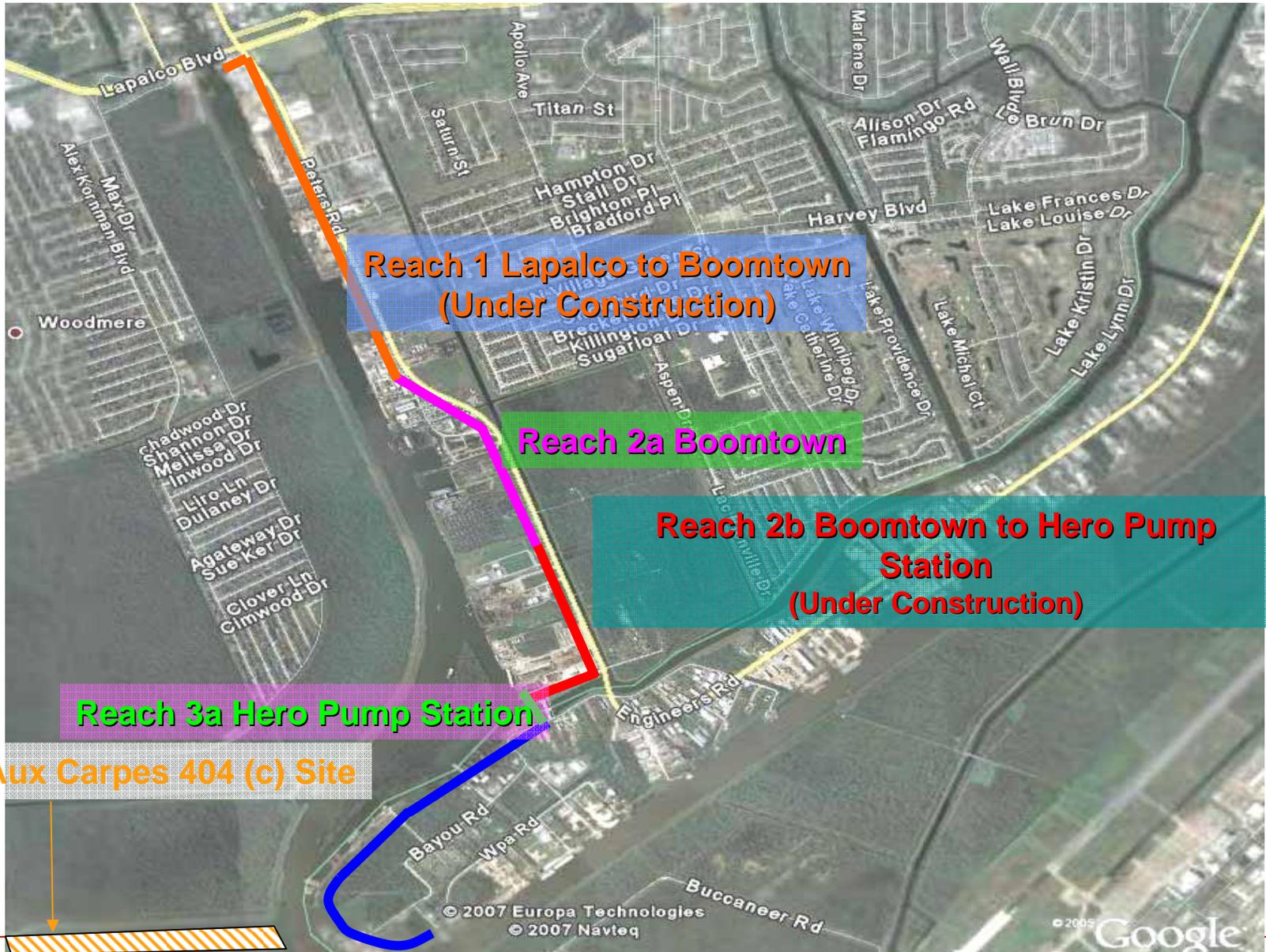
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Harvey Canal Floodwalls

5 Contract Task Orders





US Army Corps
of Engineers
New Orleans District

Ongoing Construction

Algiers Canal Levees

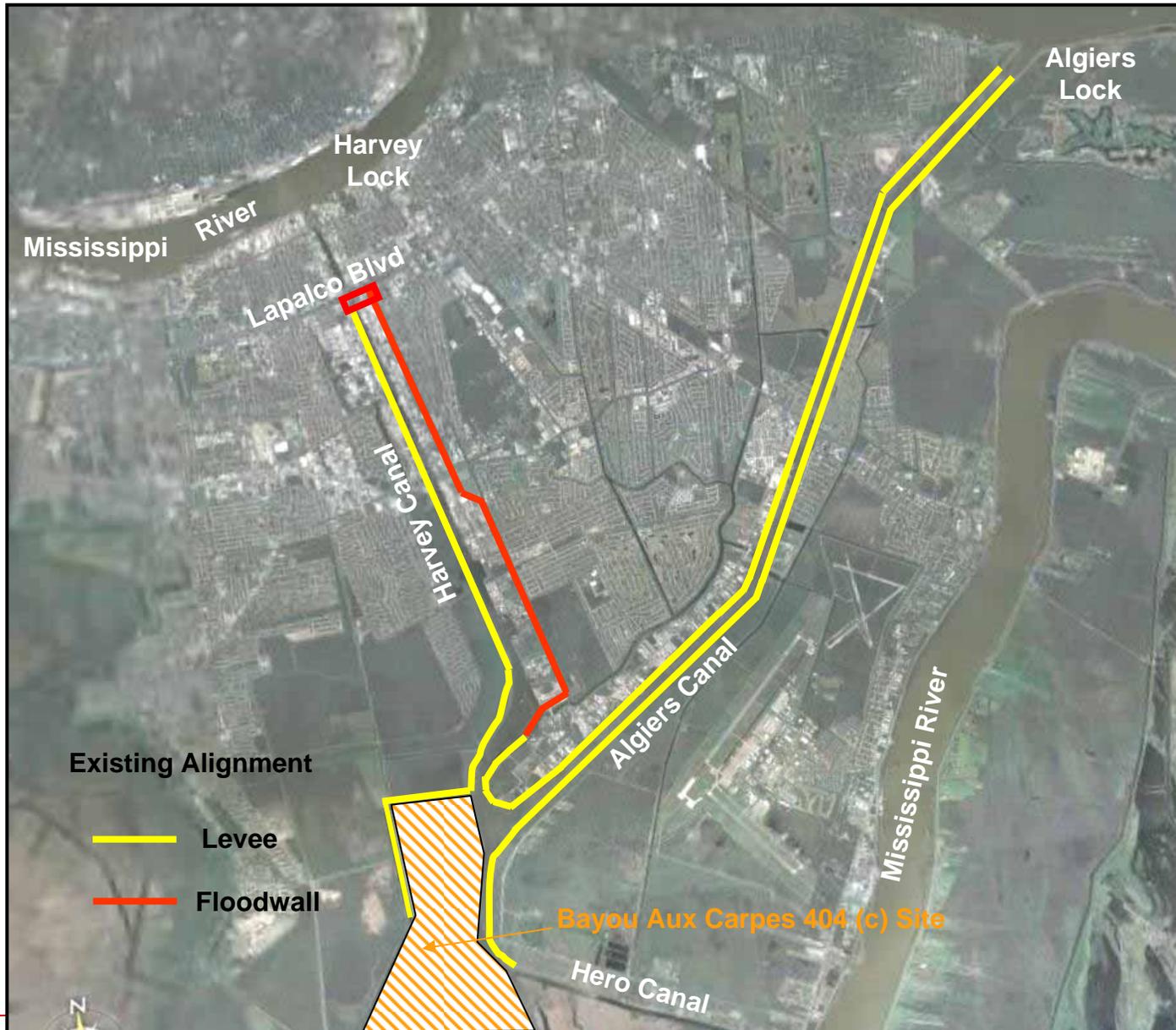
- Contract awarded 4 Jan. 2008 to raise the levee along the Westbank of the Algiers Canal from Belle Chasse Hwy to Hero Cutoff to elevation +10.
- Remaining levees on the Westbank, and all levees along the Eastbank of the canal, have been previously improved for hurricane protection.





US Army Corps
of Engineers
New Orleans District

IER 12 Harvey and Algiers Canal





US Army Corps
of Engineers
New Orleans District

Algiers and Harvey Canal Area – 100-Yr Protection

Alternative 1: Floodgate on GIWW (a)

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



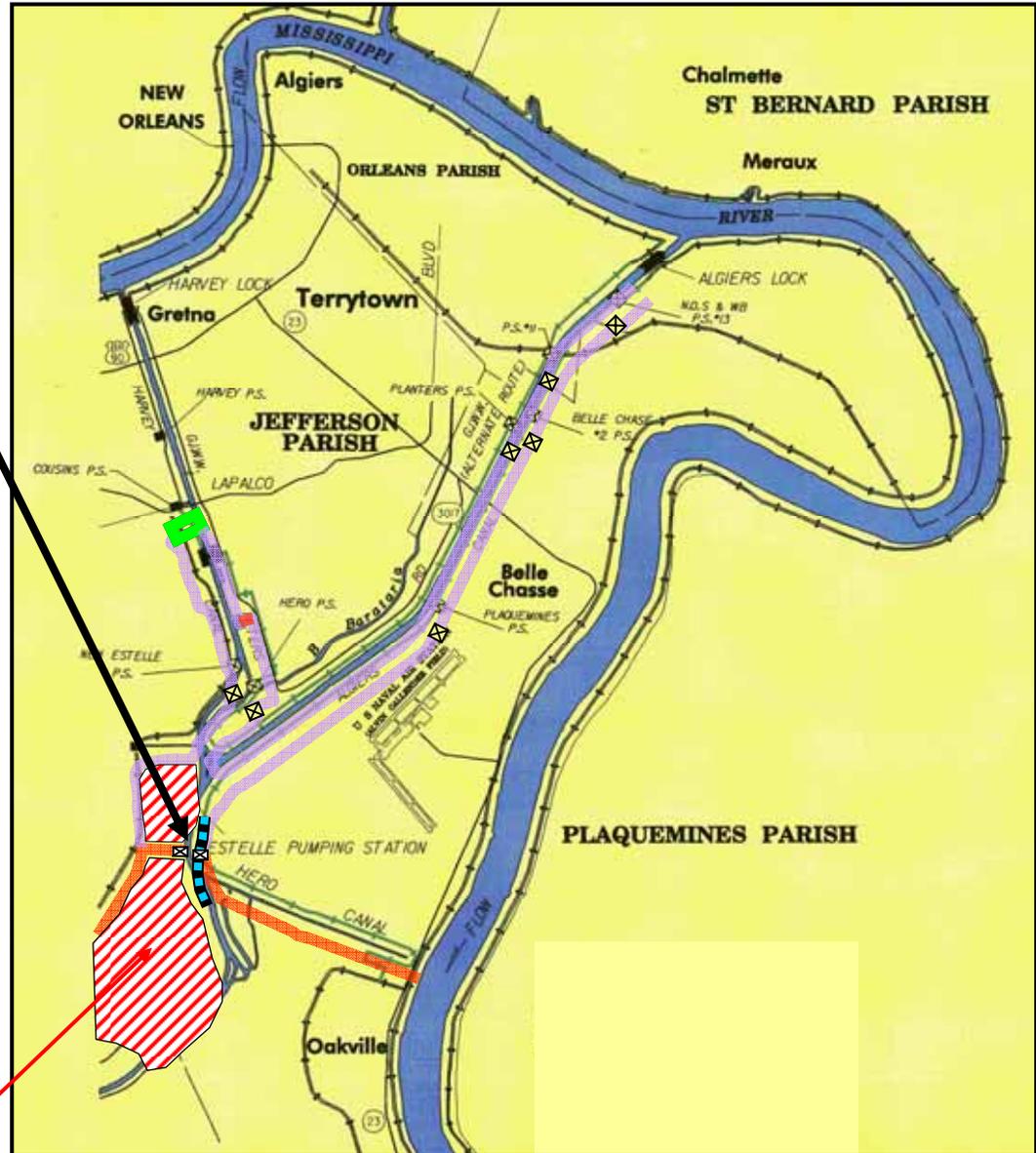
GIWW permanent bypass channel



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

One Team: Relevant, Ready, Responsive and Reliable

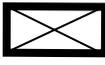


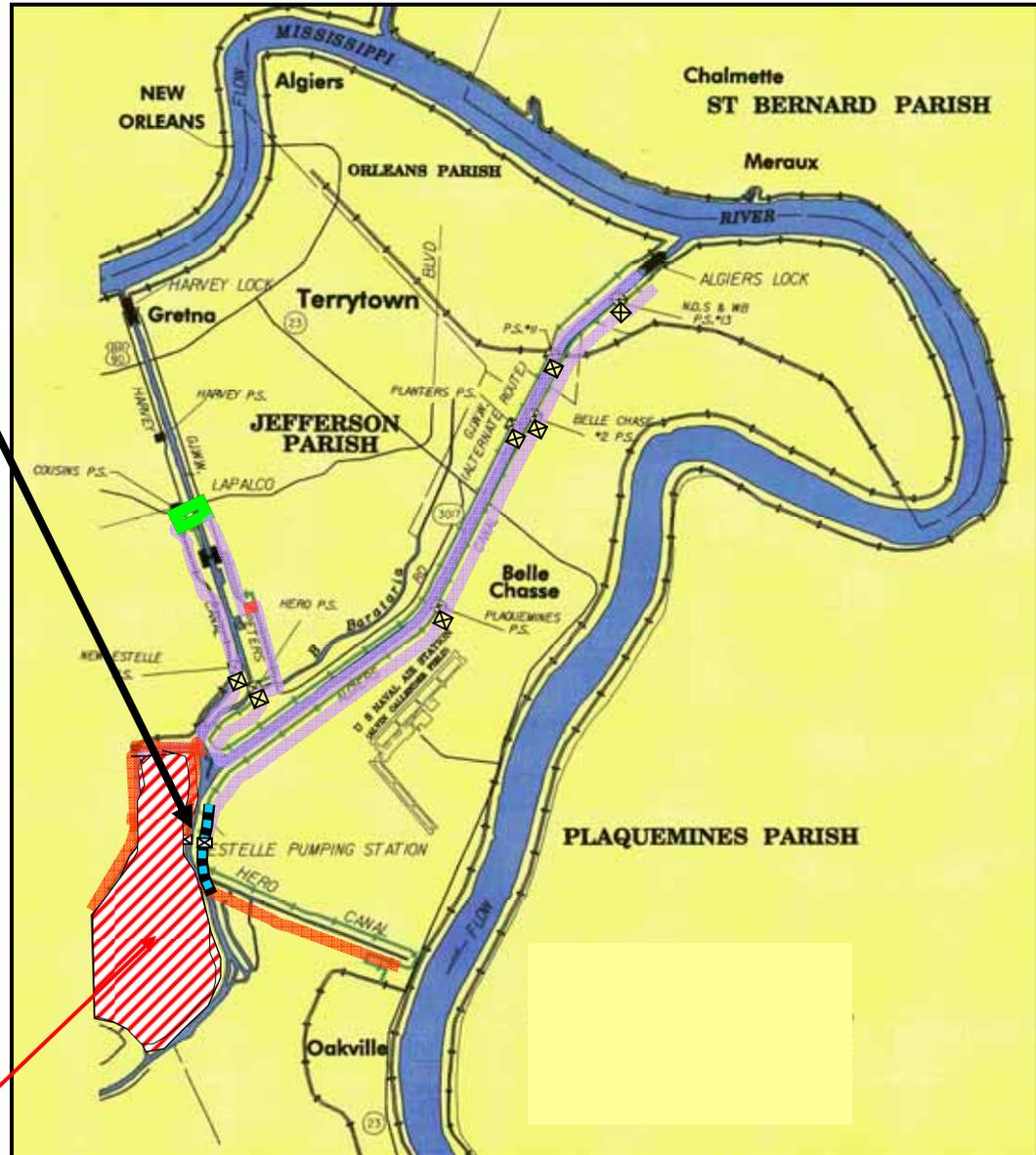
US Army Corps
of Engineers
New Orleans District

Algiers and Harvey Canal Area – 100-Yr Protection

Alternative 2: Floodgate on GIWW (b)

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

One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Algiers and Harvey Canal Area – 100-Yr Protection

Alternative 3: 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)

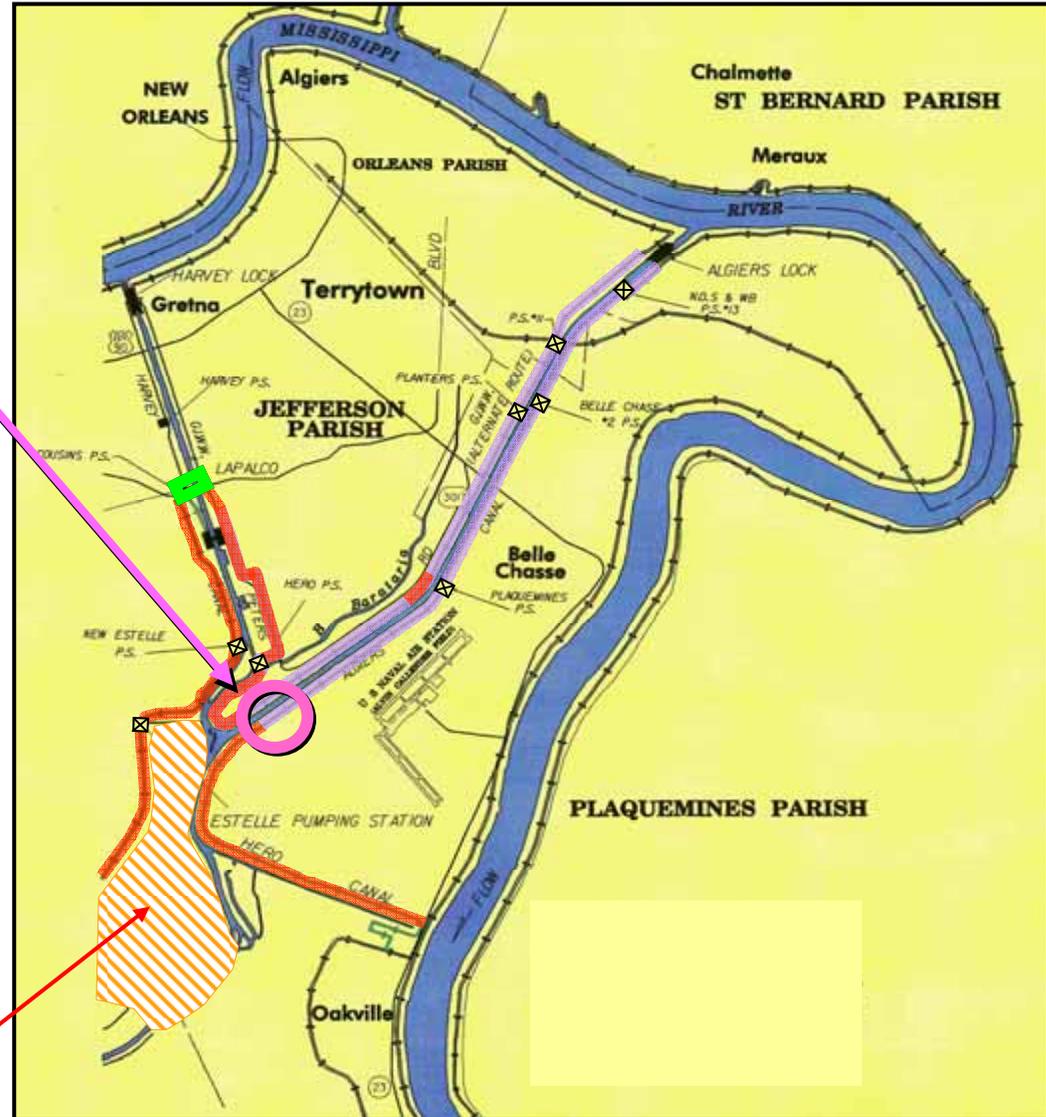


Levees and Floodwalls to the previously authorized level of protection



Levees and Floodwalls to the 100-yr level of protection

Bayou Aux Carpes 404 (c) Site

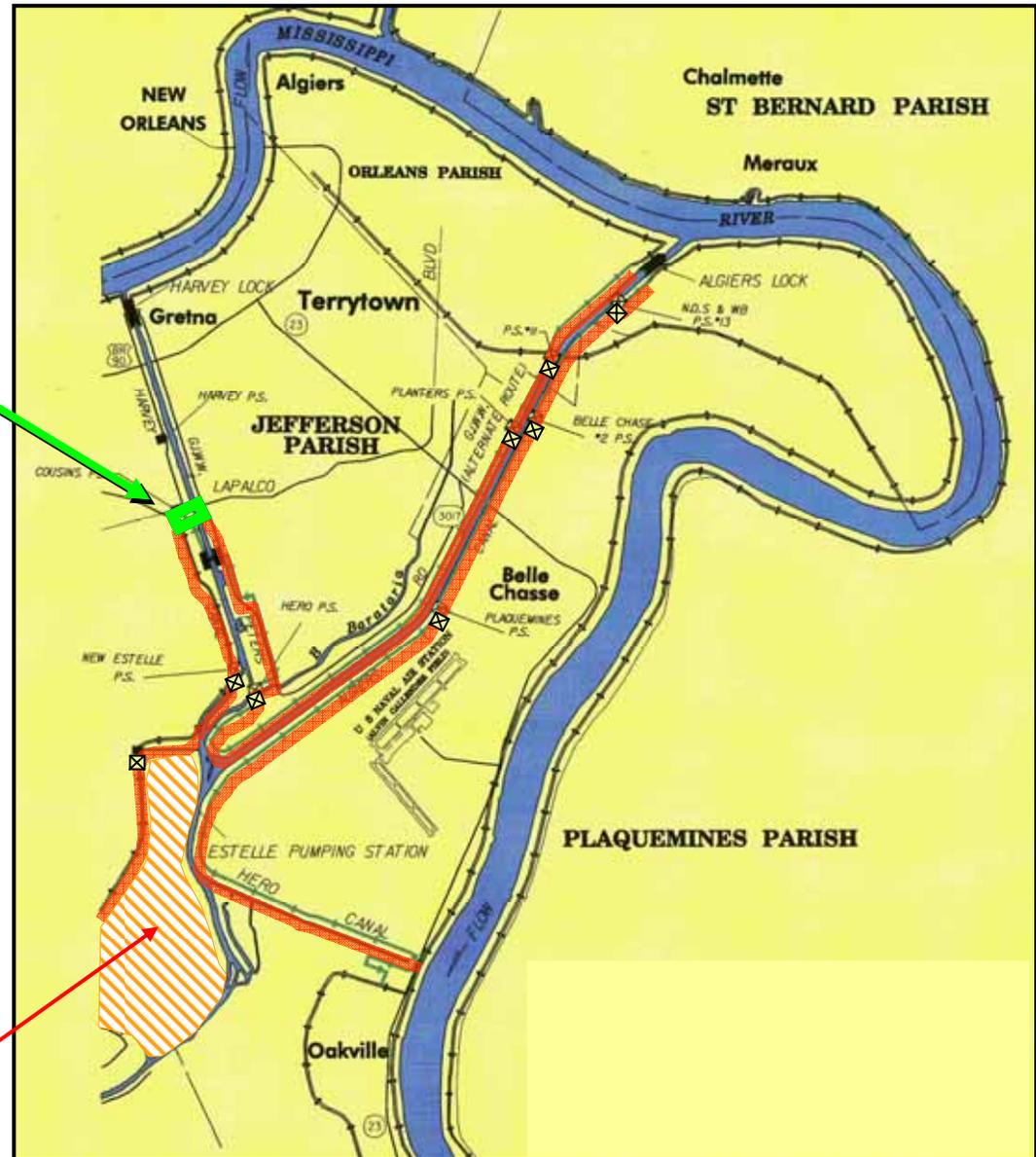


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps of Engineers
New Orleans District

Algiers and Harvey Canal Area – 100-Yr Protection Alternative 4: Parallel Protection



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

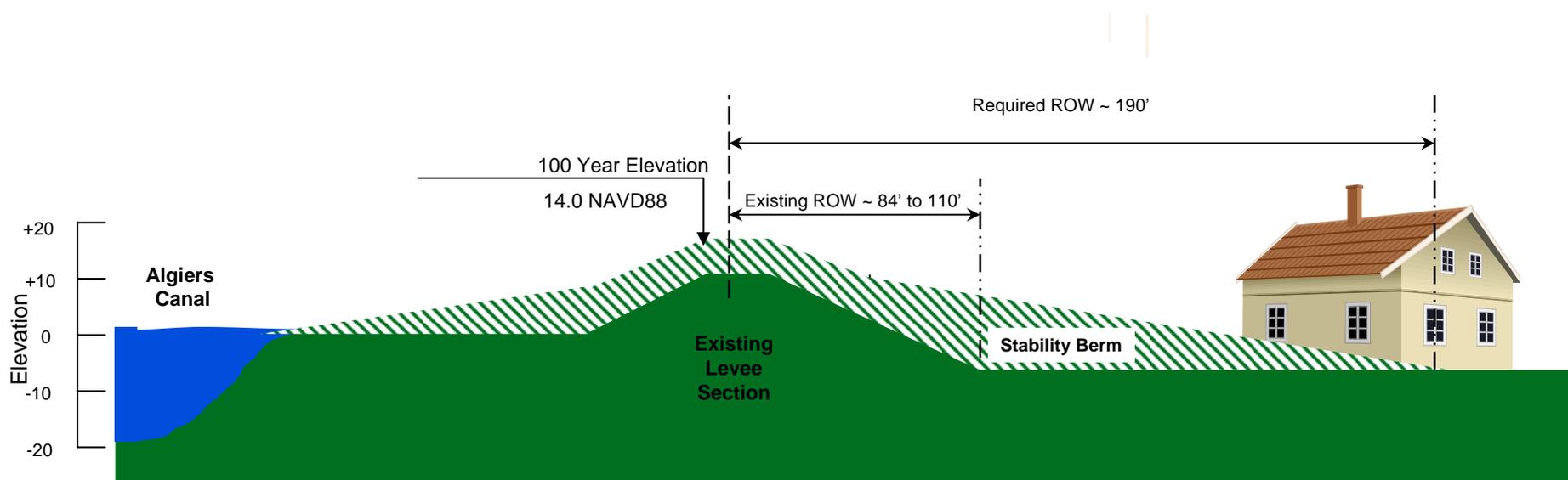
 Levees and Floodwalls at elevation to provide 100-yr level of protection

Bayou Aux Carpes 404 (c) Site

One Team: Relevant, Ready, Responsive and Reliable

Alternative 4: Parallel Protection

Impacts



Typical Section - Full Earthen Levee

Impacts:

- 70 Residences
- 600 Apartment Residents
- 50 Businesses



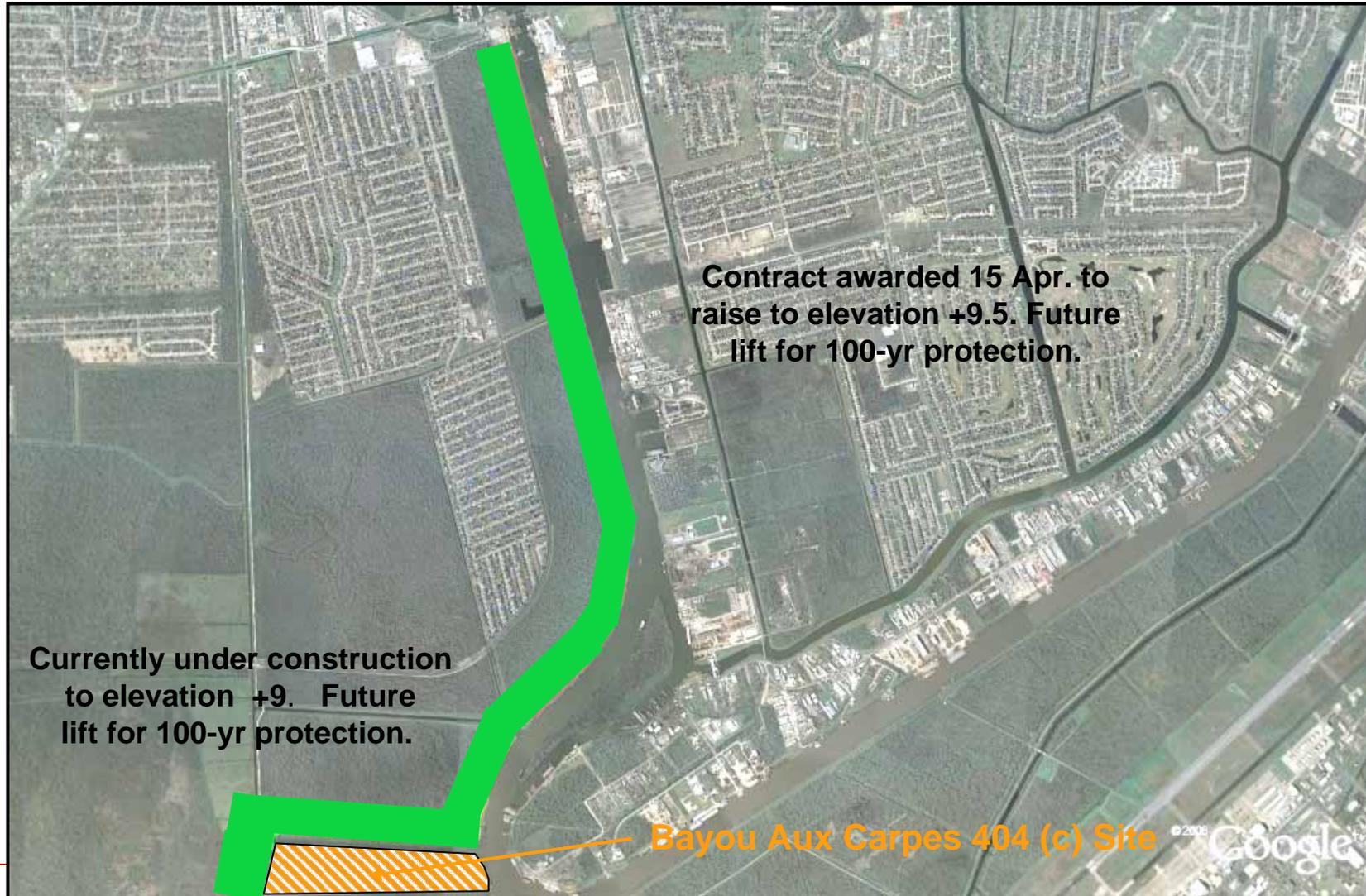
US Army Corps
of Engineers
New Orleans District

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 and impacts to 150 acres of bottomland hardwoods





US Army Corps
of Engineers
New Orleans District

IER 13 Hero to Oakville Levees and Floodwalls



One Team. Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero Levee

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

Earthen levee section (landside shift)

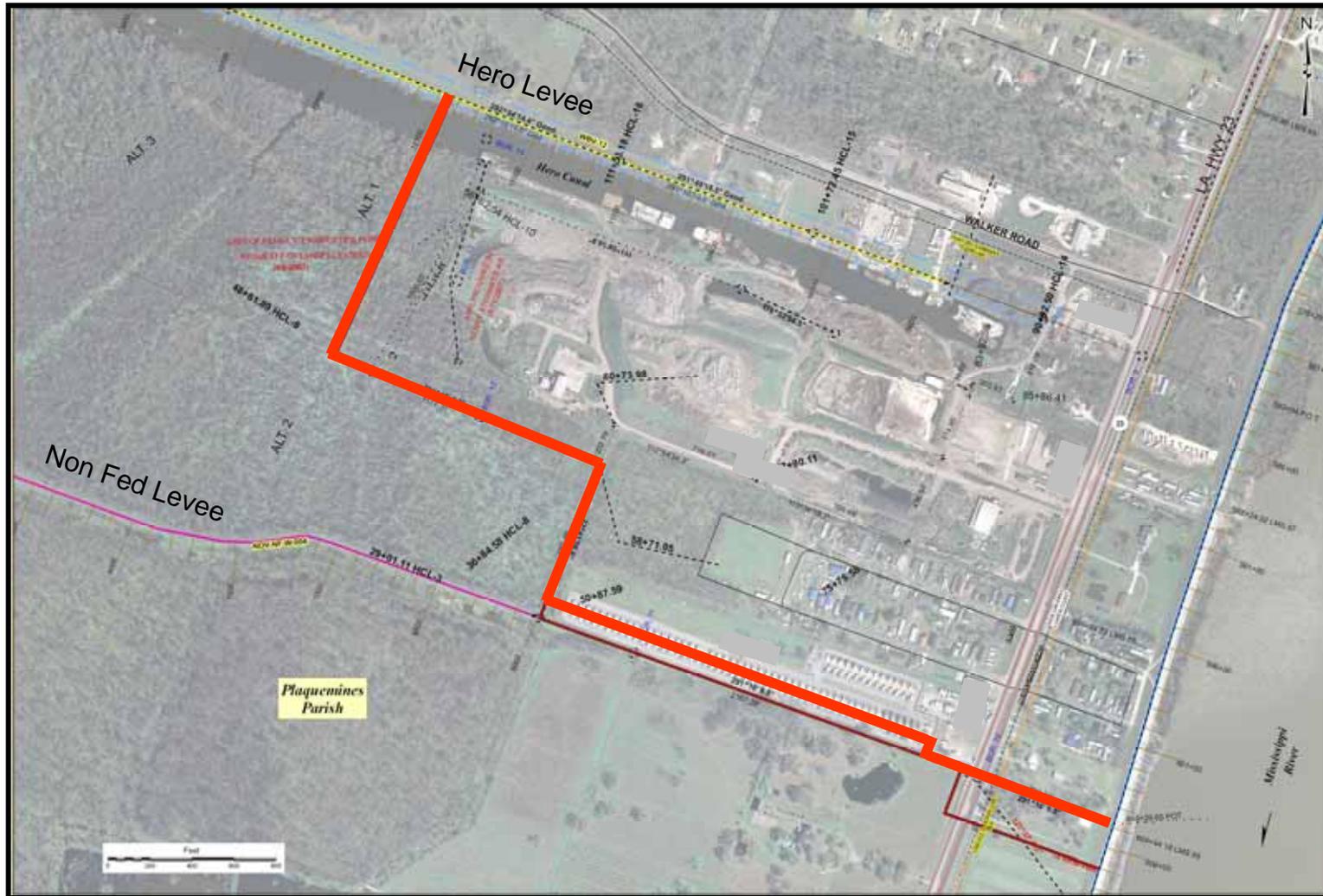


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero to Oakville 100-Yr Protection Alternative 1



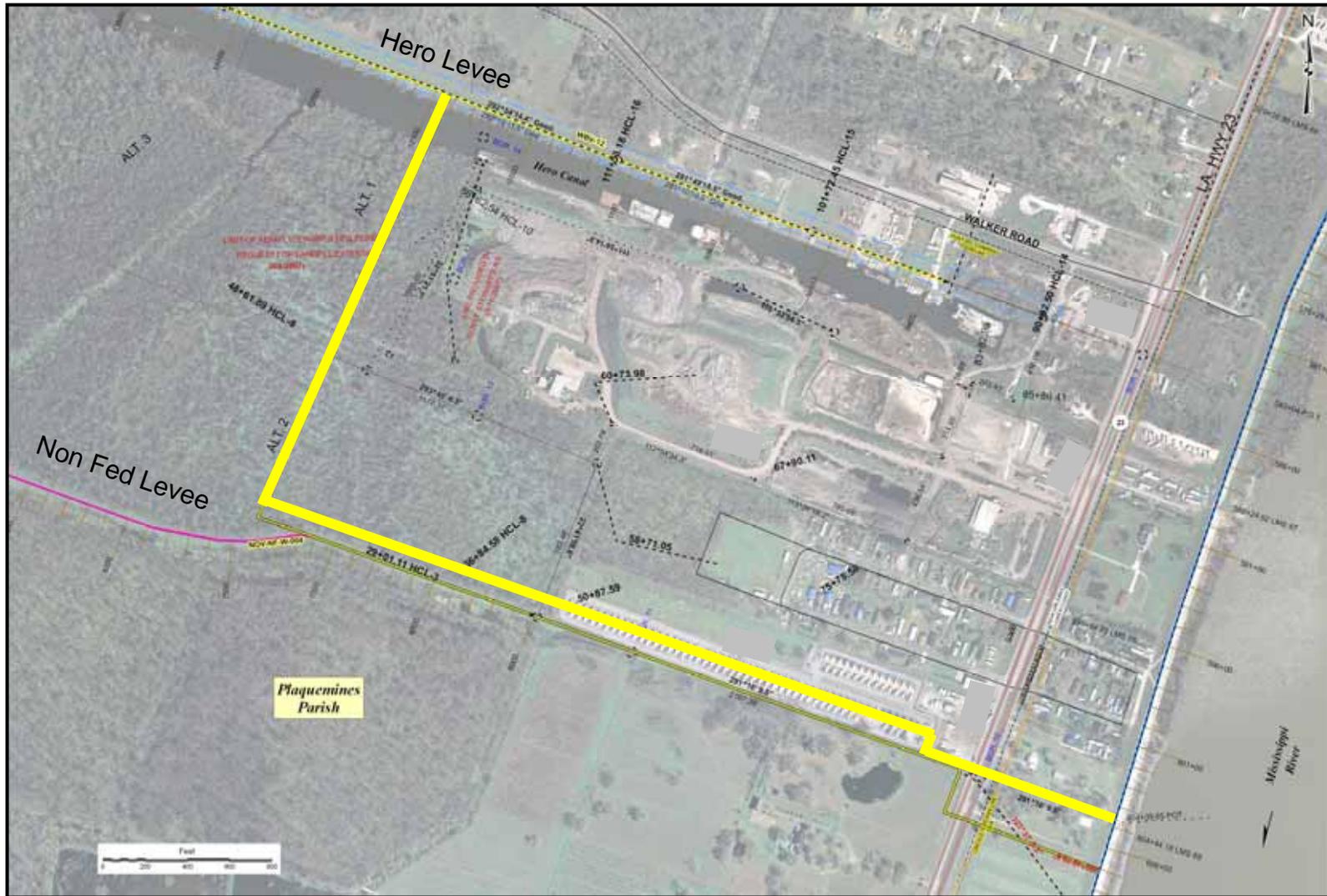
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero to Oakville 100-Yr Protection

Alternative 2



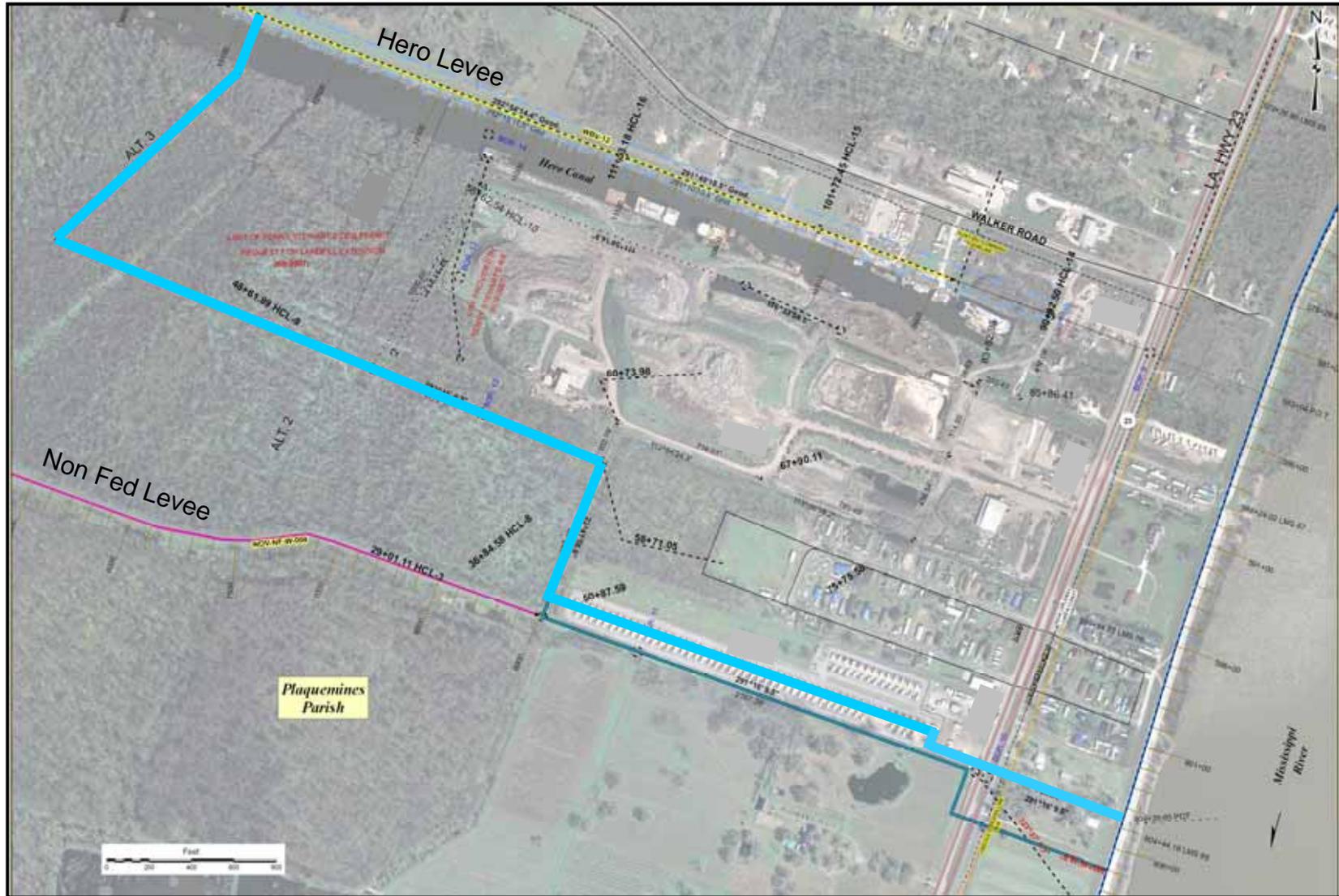
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero to Oakville 100-Yr Protection

Alternative 3

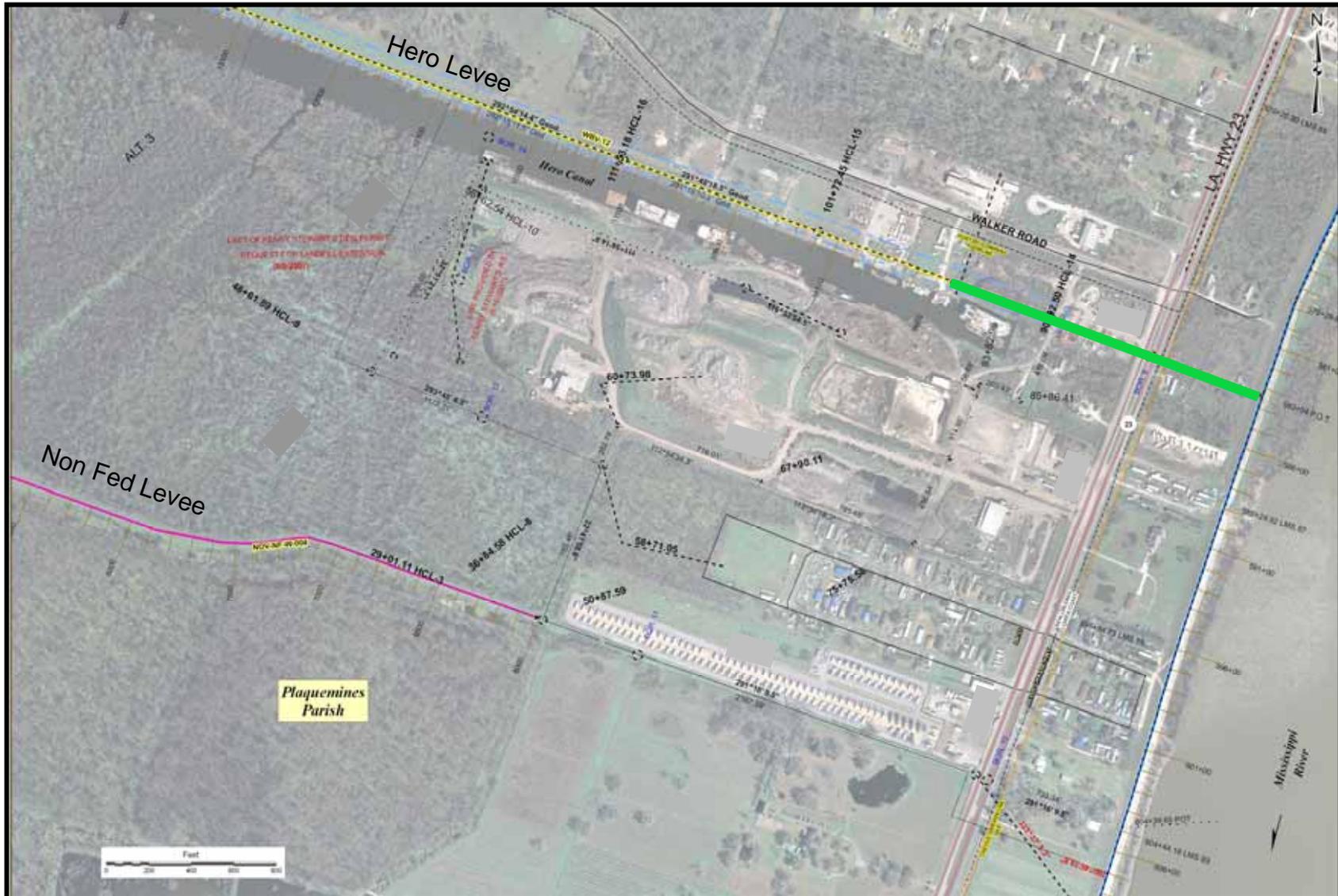


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero to Oakville 100-Yr Protection Alternative 4

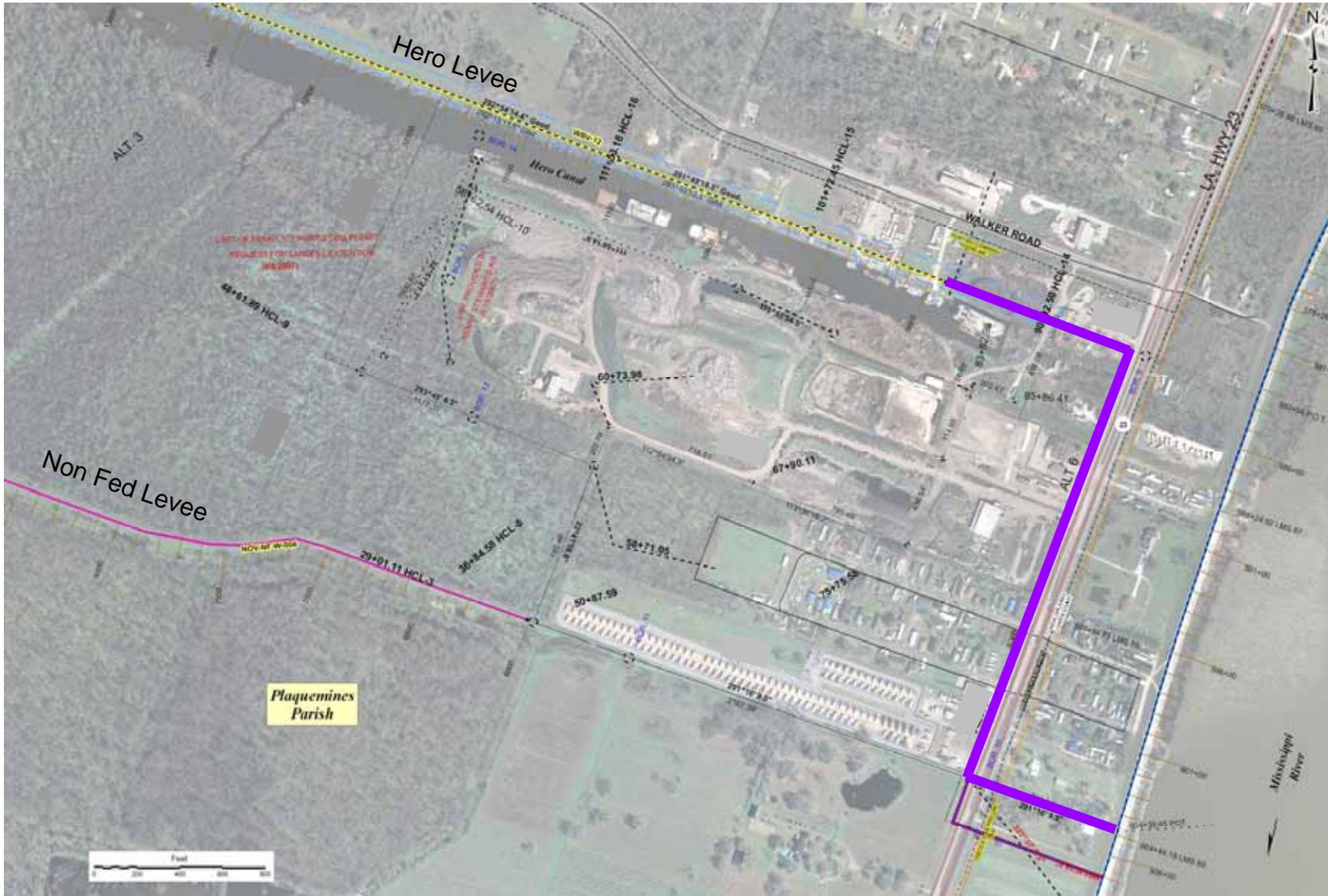


One Team. Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Hero to Oakville 100-Yr Protection Alternative 7



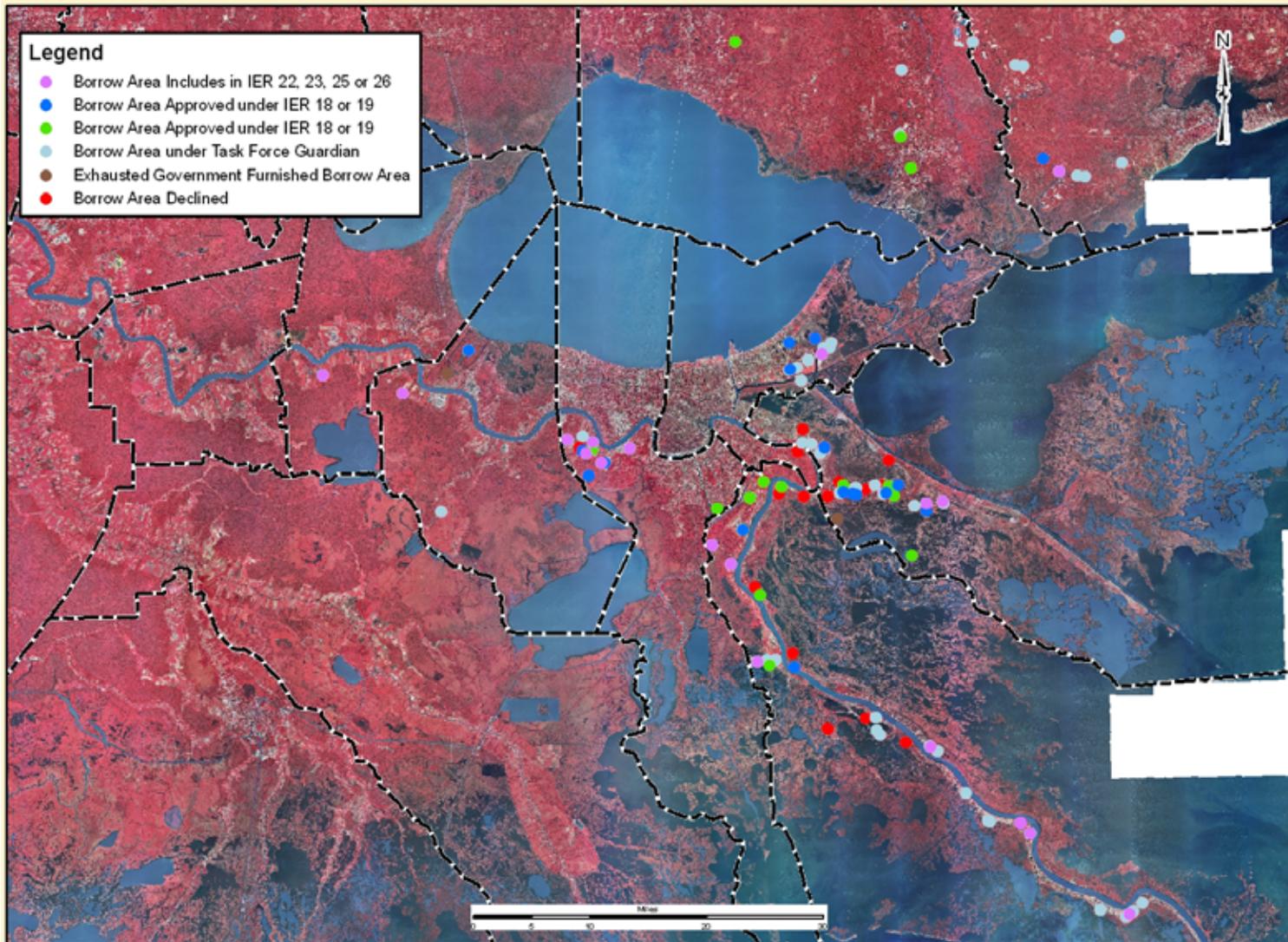
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Borrow

All Sites Investigated

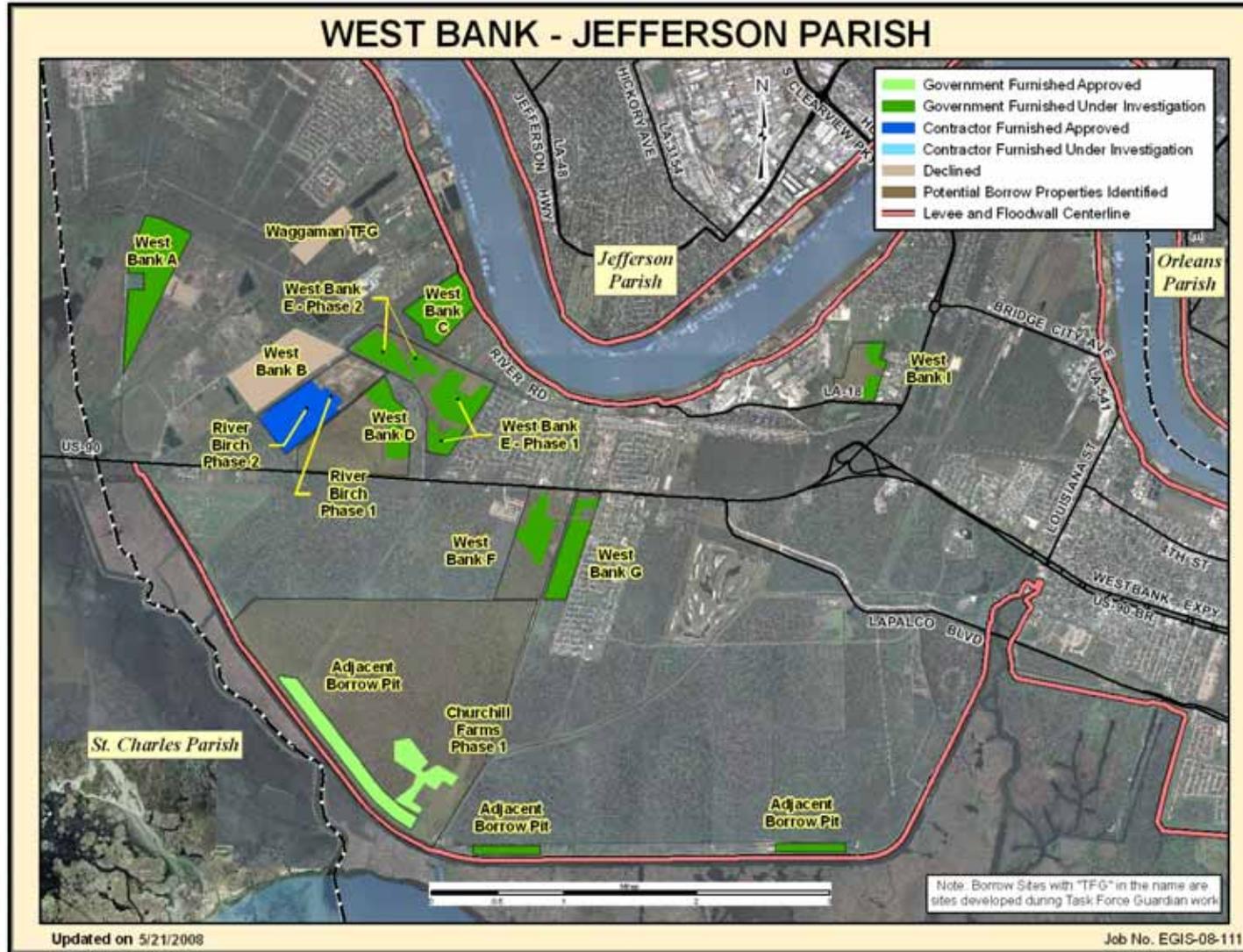


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

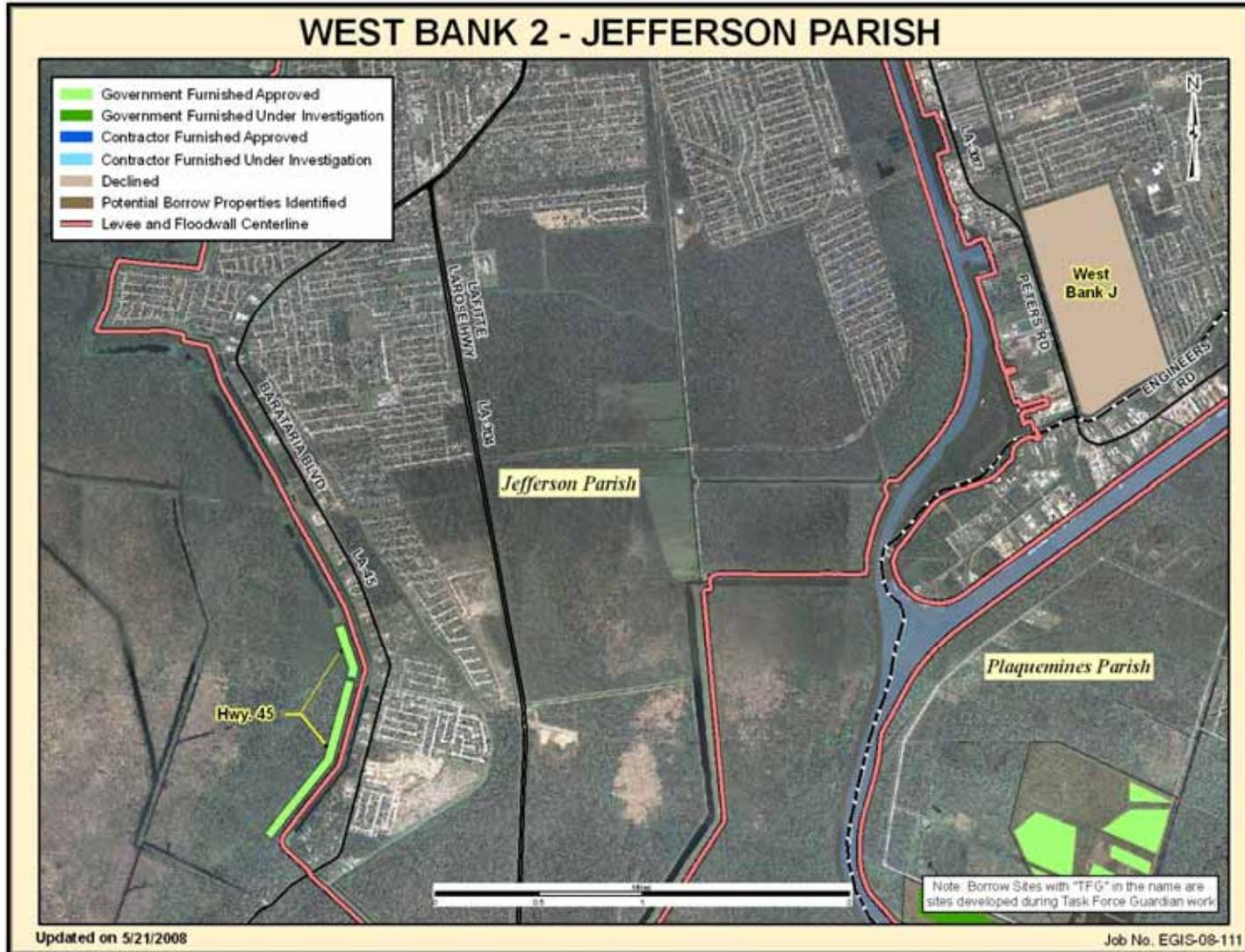
Borrow



One Team: Relevant, Ready, Responsive and Reliable



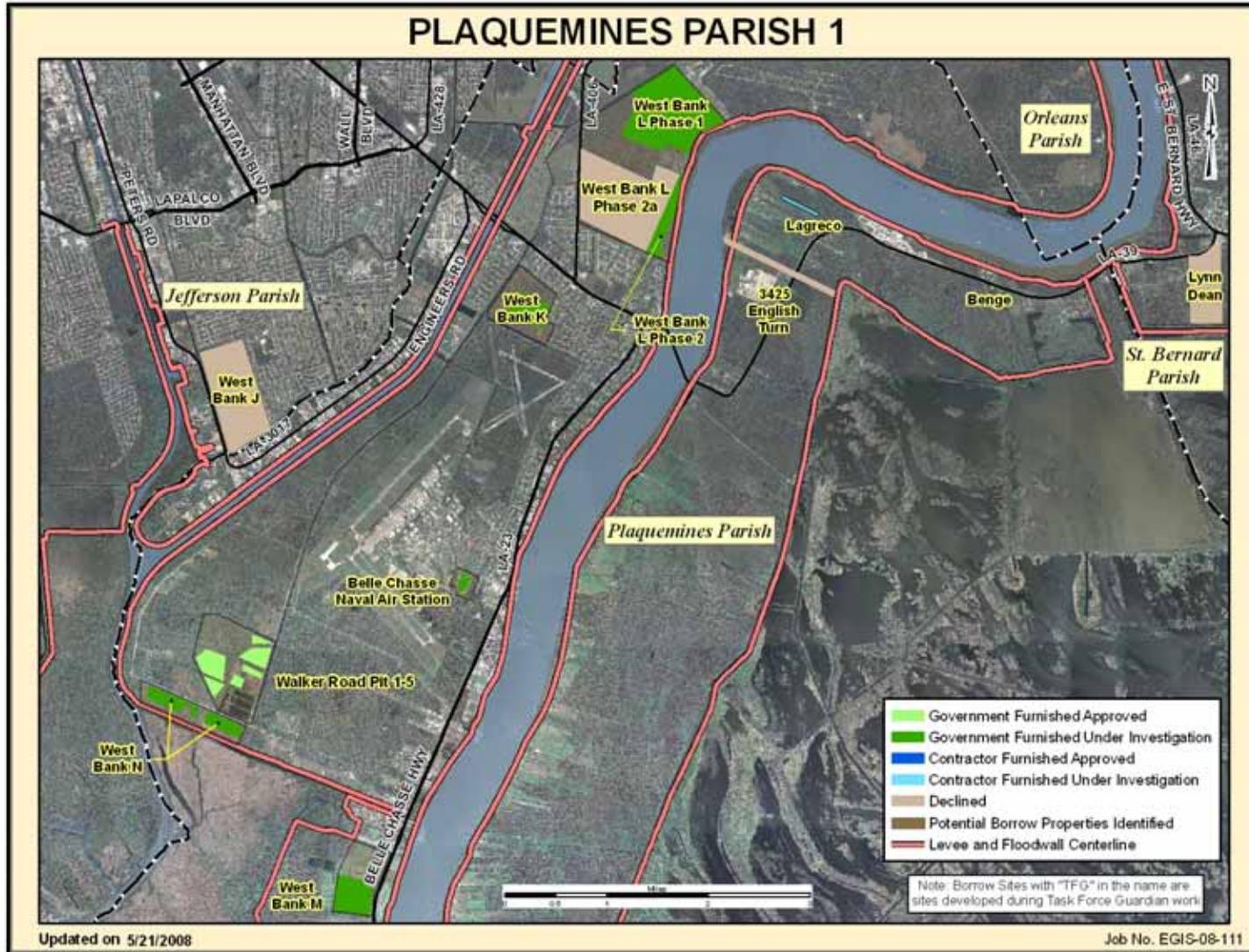
Borrow





US Army Corps
of Engineers
New Orleans District

Borrow

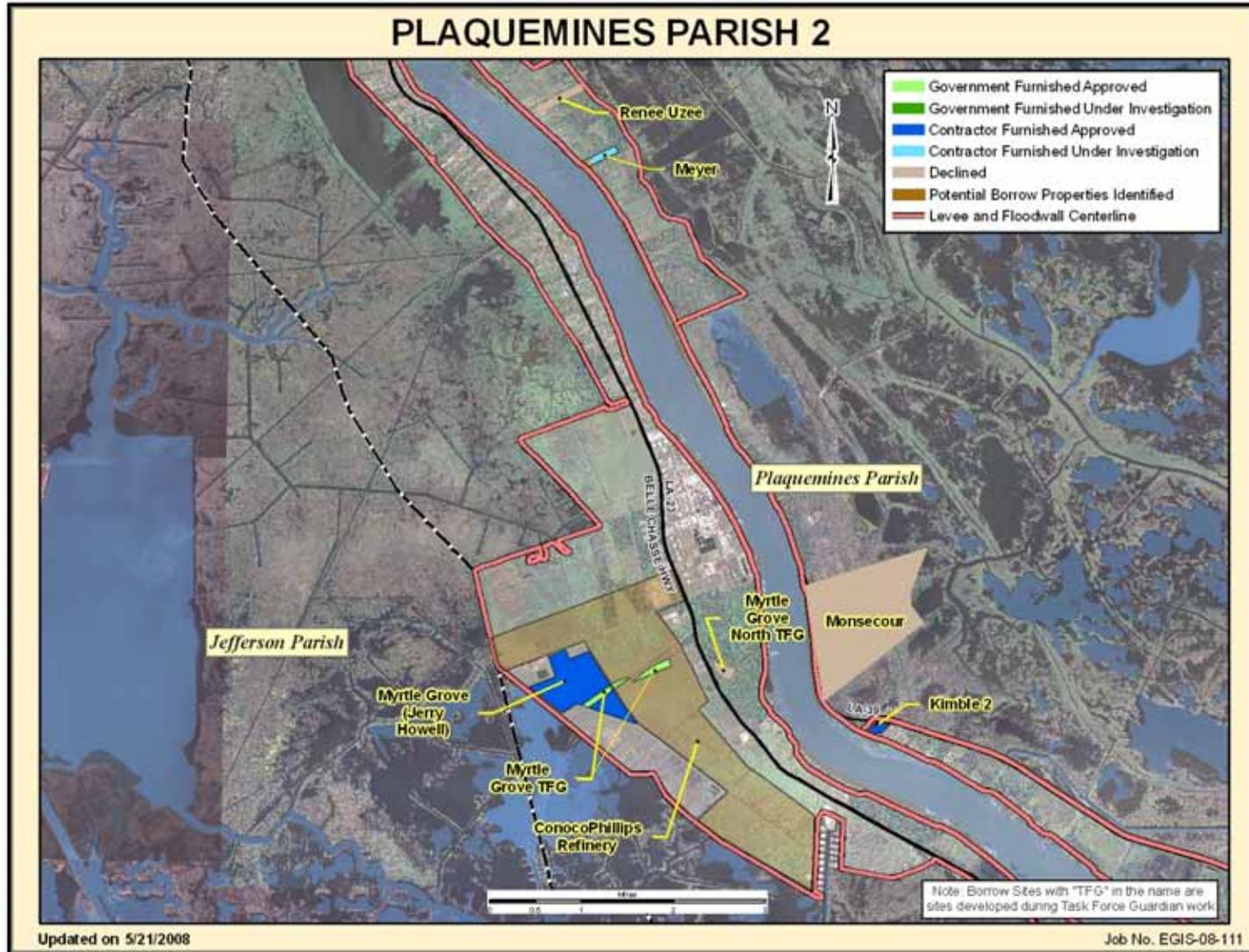


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps
of Engineers
New Orleans District

Borrow





Opportunities for Public Input

- Monthly Public Meetings throughout New Orleans Metro Area
- Comments can be submitted at: www.nolaenvironmental.gov
- Individual Environmental Reports (IER) 30-day Public Review

Questions and comments regarding Greater New Orleans Storm Damage Risk Reduction System projects should be addressed to:

Gib Owen

PM-RS

P.O. Box 60267

New Orleans, LA 70160-0267

Telephone: 504-862-1337

E-mail: mvnenvironmental@usace.army.mil



IERs Currently Available for Public Review

IER 1 – La Branch Wetlands Levee, St. Charles Parish

- Released for Public Review and Comment: Apr. 24, 2008
- Public Comment Period closes: May 29, 2008

IER 15 – Lake Cataouatche Levee

- Released for Public Review and Comment: April 28, 2008
- Public Comment Period closes: May 28, 2008

**** copies available at www.nolaenvironmental.gov or by contacting the Corps.**



US Army Corps
of Engineers
New Orleans District



NEW ORLEANS, LOUISIANA
Environmental Compliance Data Bank

www.nolaenvironmental.gov

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. Learn more...

Announcements

- The Decision Record for **IER 23** has been signed by the District Commander ([News Release](#))
- **IER 1** Draft Public Comment Period 4/29 - 5/29
- **IER 15** Draft Public Comment Period 4/28 - 5/28
- The Decision Record for **IER 11** has been signed by the District Commander ([News Release](#))
- The Decision Records for **IER 18** and **IER 19** have been signed by the District Commander

Upcoming

- [05/22/2008 - Public Meeting \(IERs 12 13 & Borrow\)](#)
- [05/28/2008 - IER 15 Draft Public Comment Period Ends](#)

[More...](#)

Newly Available

- [13 May 08 Public Meeting Presentation IERs 4 11 Tier 2](#)
- [15 May 08 Public Meeting Presentation IERs 15 16 17](#)

[More...](#)

FEATURED PROJECT



USACE-MVN Emergency Alternative Arrangements
Greater New Orleans
Hurricane and Storm Damage
Risk Reduction System Projects

West Bank and Vicinity Hurricane Protection Project

Julie Vignes
Senior Project Manager
West Bank Hurricane Protection Project

Tim Connell
Project Manager
West Bank Hurricane Protection Project

Stuart Waits
Senior Project Manager
PRO Hurricane Protection Floodwalls

Gib Owen
Hurricane Protection System
Environmental Coordinator



