



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

# **Westbank and Vicinity Project Update**

**IERs 15, 16 17 and borrow  
100-year protection  
Greater New Orleans Hurricane and Storm Damage  
Risk Reduction System**

**Ms. Julie Vignes, Senior Project Manager  
May 15, 2008  
Waggaman, LA**



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

# Why we are here tonight

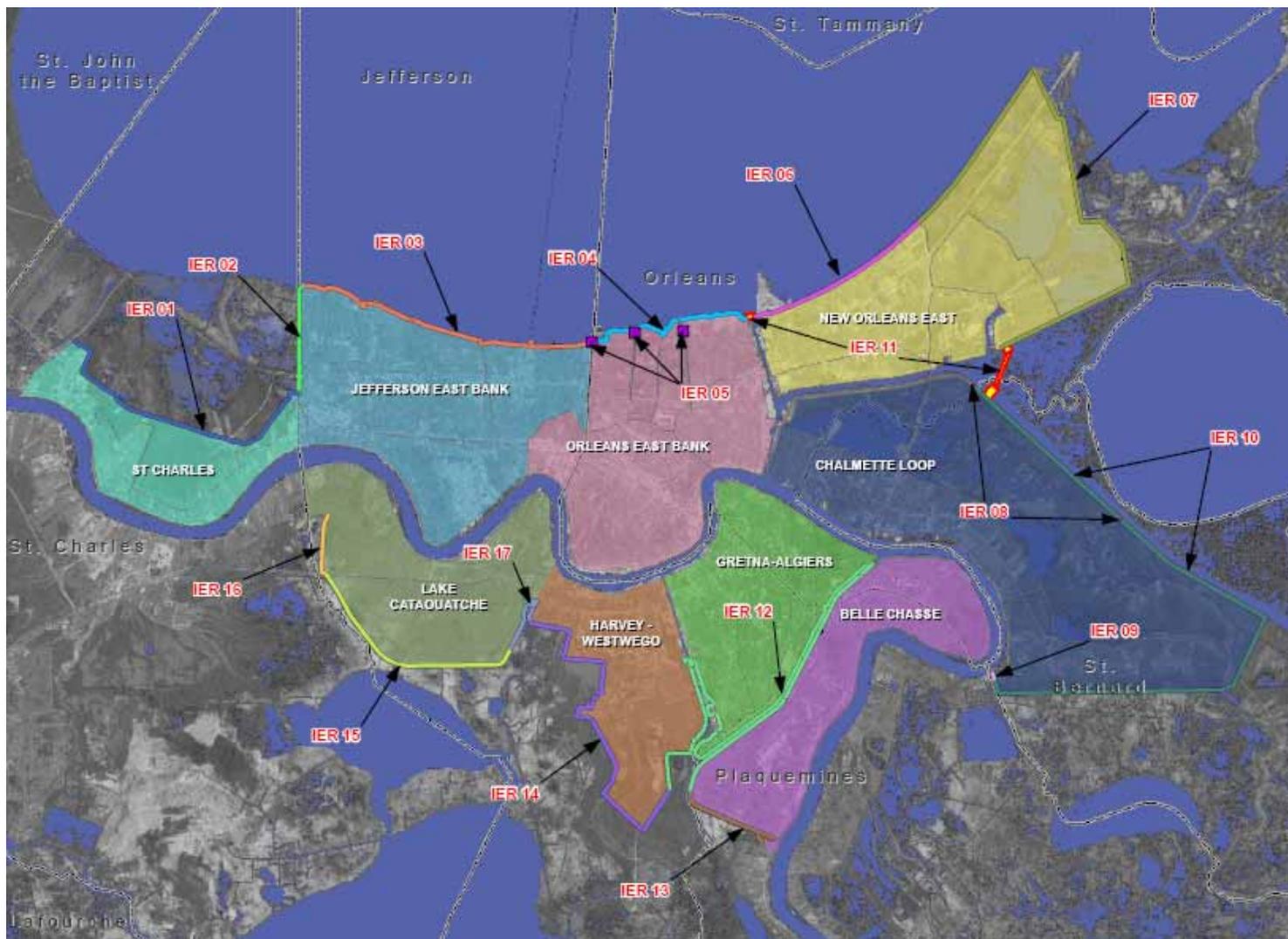
**To discuss the status of in-progress and proposed alternatives that will reduce risk to the communities in the Westbank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System in St. Charles and Jefferson parishes.**



# National Environmental Policy Act: NEPA

- Required of 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
- Analysis documented in Individual Environmental Reports (IER)

# Individual Environmental Report Project Areas



# NEPA Process and Path Ahead

- The NEPA process began with public scoping meetings for IERs 15, 16 and 17 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 15: Currently available for public review. Comment Period closes May 28, 2008**
  - **IER 16: Jul. 9, 2008 to Aug. 8, 2008**
  - **IER 17: Jun. 30, 2008 to Jul. 30, 2008**



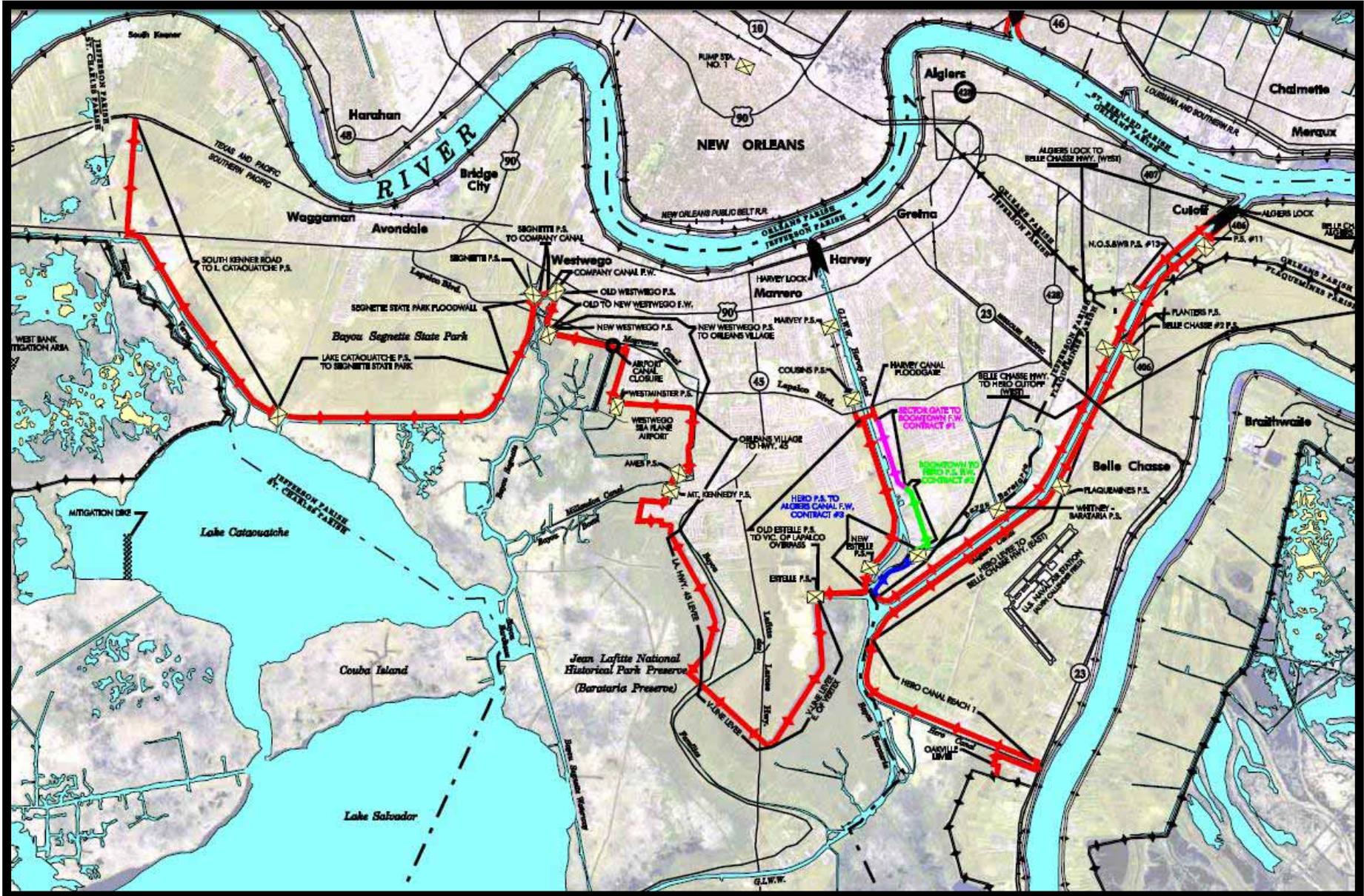
# NEPA Process and Path Ahead

- Final decision regarding IER recommendations will be made in 2008. Tentative decision dates are:
  - IER 15: Jun. 6, 2008
  - IER 16: Aug. 15, 2008
  - IER 17: Aug. 8, 2008



US Army Corps  
of Engineers  
New Orleans District

# Westbank and Vicinity Hurricane Protection Project





US Army Corps  
of Engineers  
New Orleans District

# Ongoing Construction Lake Cataouatche

- Borrow site excavation and material placement
- Contract WBV 18.1 is from Lake Cataouatche Pump Station to Hwy 90, awarded Nov. 9, 2006
- Contract WBV 15b.1 is the Lake Cataouatche Pump Station awarded Sept. 21, 2007





US Army Corps  
of Engineers  
New Orleans District

# Ongoing Construction Lake Cataouatche

- Borrow material processing to allow for placement into the levee section
- Contract WBV 15a.1 is from Segnette State Park to Lake Cataouatche Pump Station, awarded Jul. 27, 2007
- Contract WBV 17b.1 is the northern most end of the reach in the vicinity of Hwy 90, awarded Mar. 19, 2008





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

# Ongoing Construction Company Canal

- Company Canal interim barge gate currently operational
- Provides protection across canal to elevation +9



# Lake Cataouatche Western Tie In (IER 16)

Currently undergoing an engineering analysis of 3 alternative alignments

Alternative 1

Alternative 2

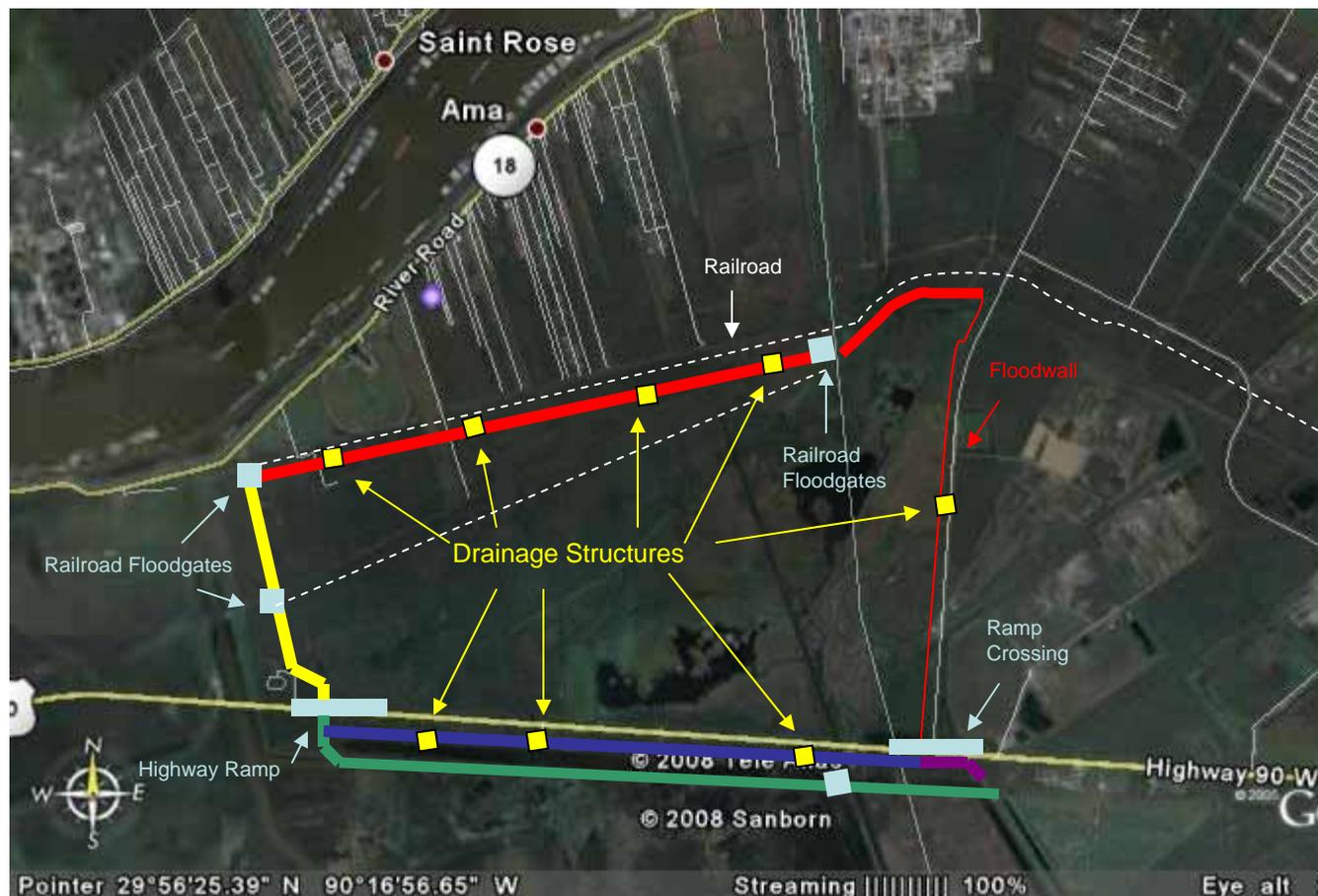
Alternative 3

Common to Alt. 2 / 3

Common to Alt. 1 / 2

■ Floodgate

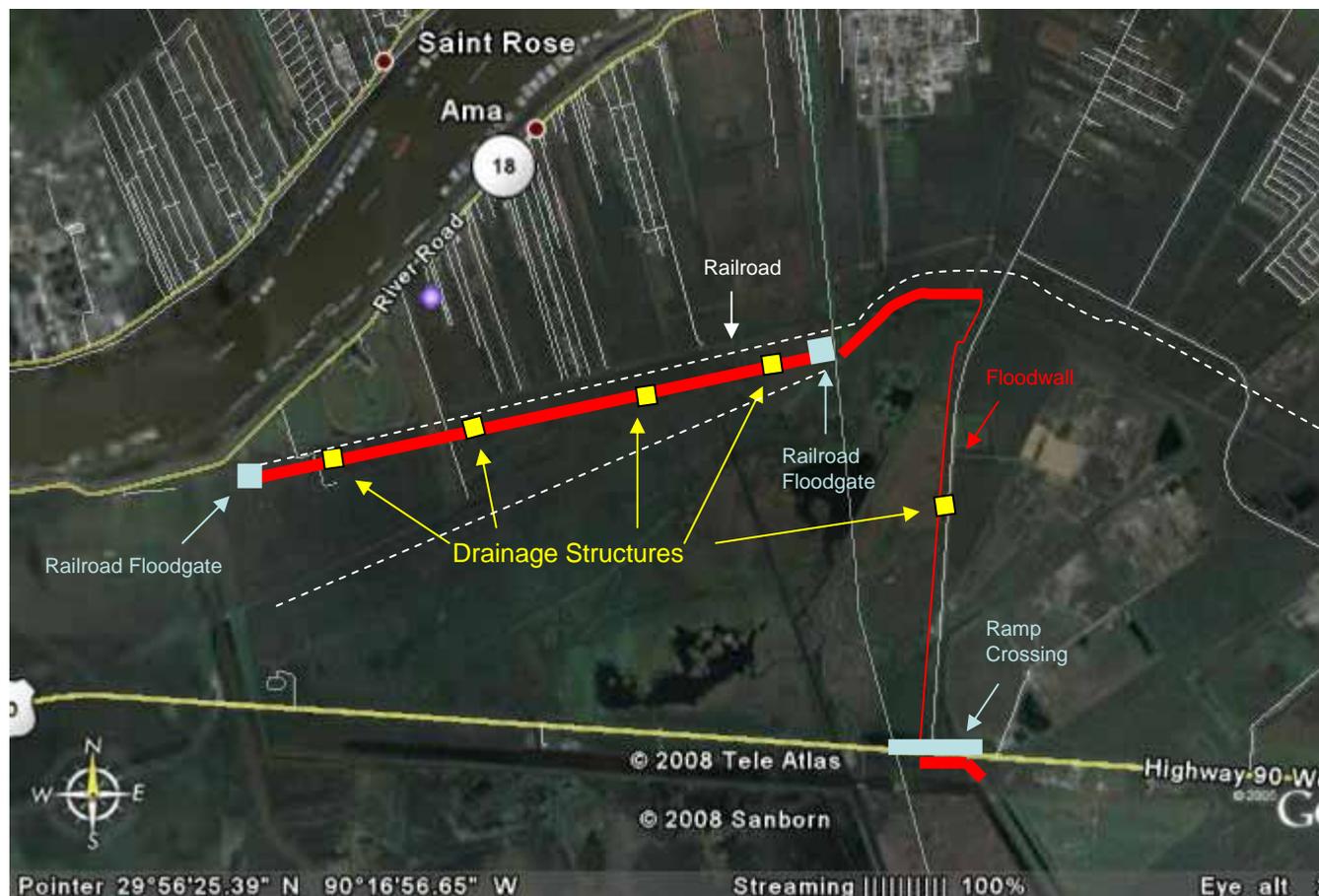
■ Drainage Structure



# Lake Cataouatche Western Tie In (IER 16)

## Alternative 1

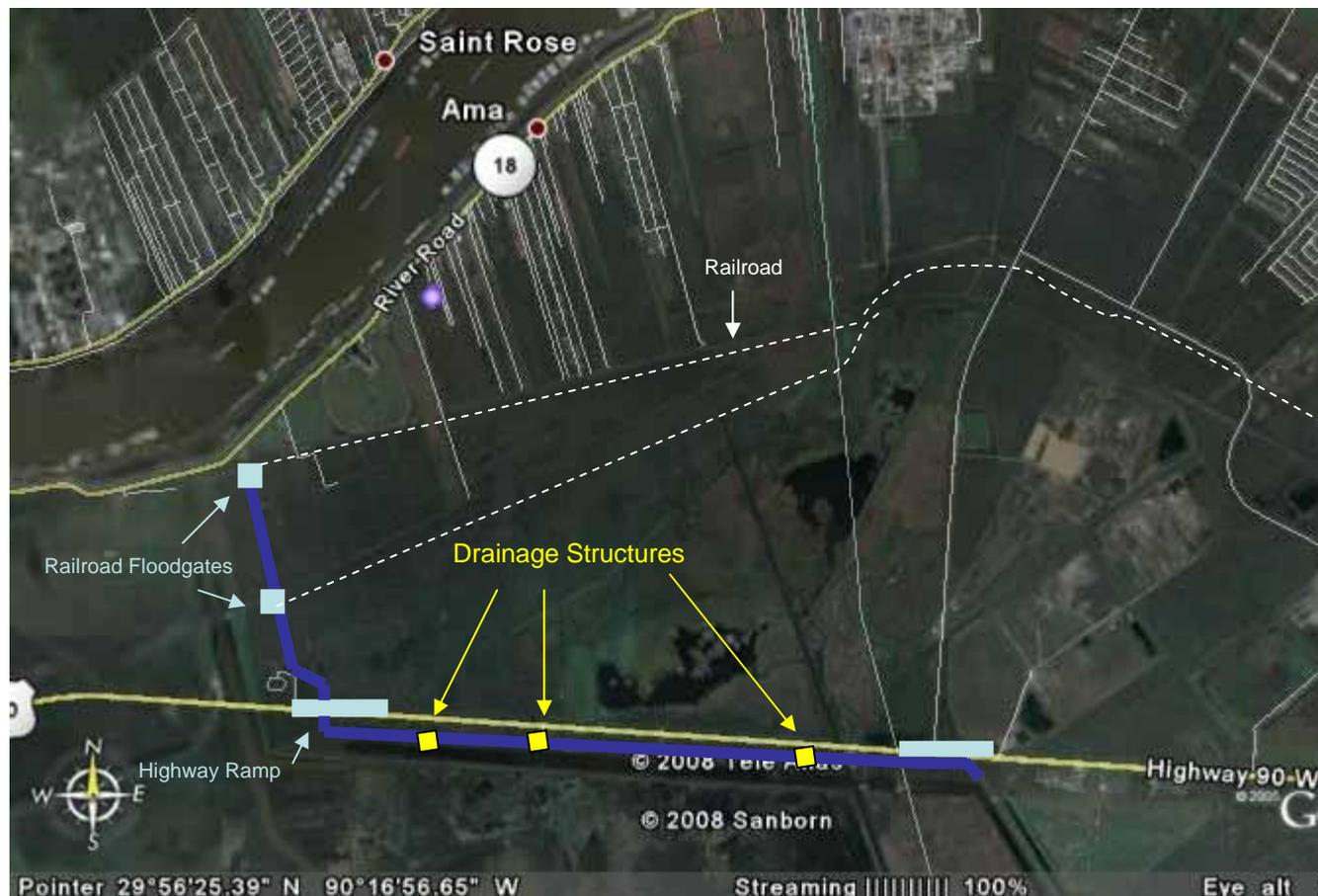
- Ties into existing Lake Cataouatche Levee
- Includes Hwy 90 crossing, levee and T-wall sections along South Kenner Ave
- Includes levee south of railroad with gates and drainage structures tying into improved Davis Pond Guide Levee.



# Lake Cataouatche Western Tie In (IER 16)

## Alternative 2

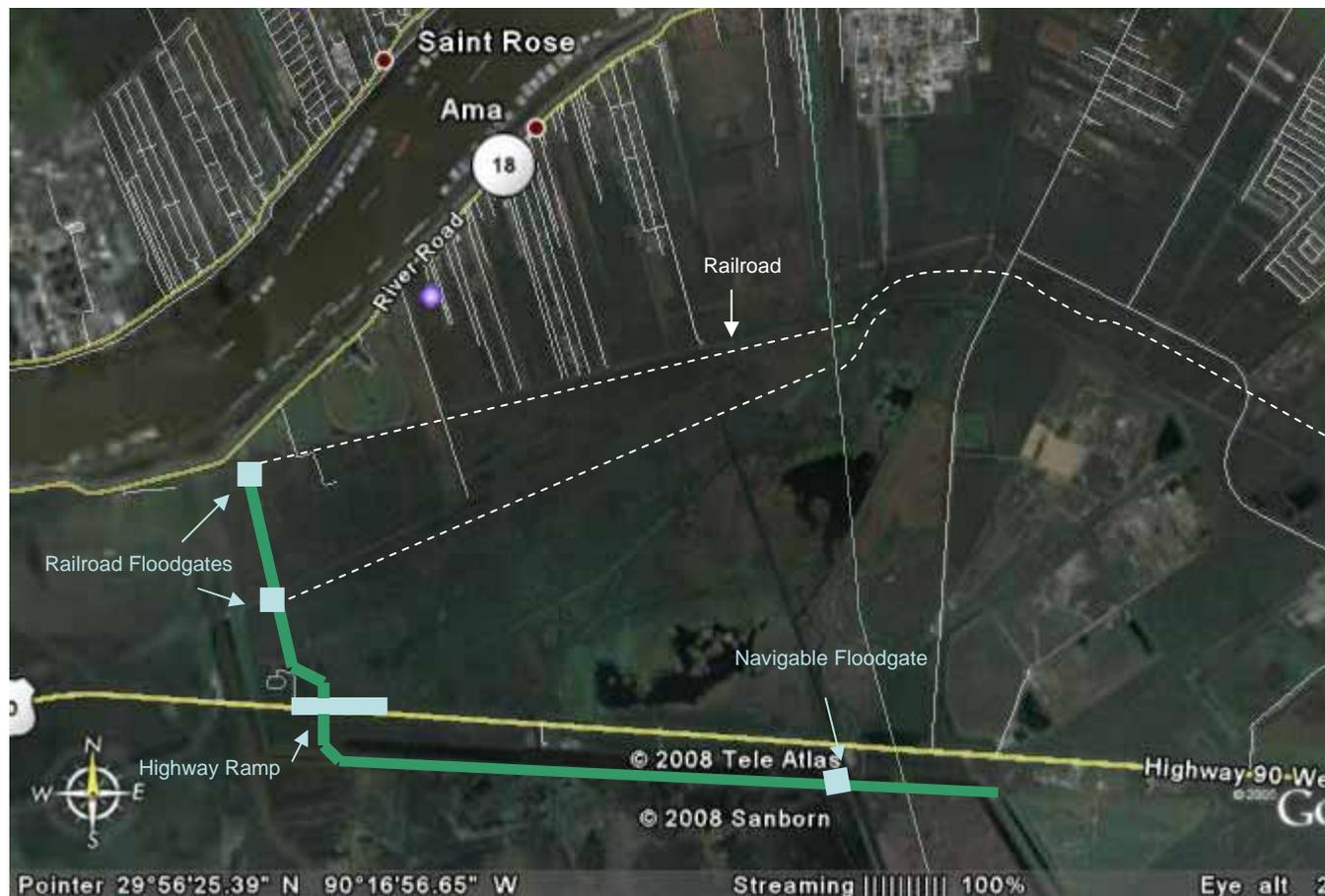
- Ties into existing Lake Cataouatche Levee
- Includes levee parallel to and South of Hwy 90, drainage structure, Hwy 90 crossing
- Ties into improved Davis Pond Guide Levee.



# Lake Cataouatche Western Tie In (IER 16)

## Alternative 3

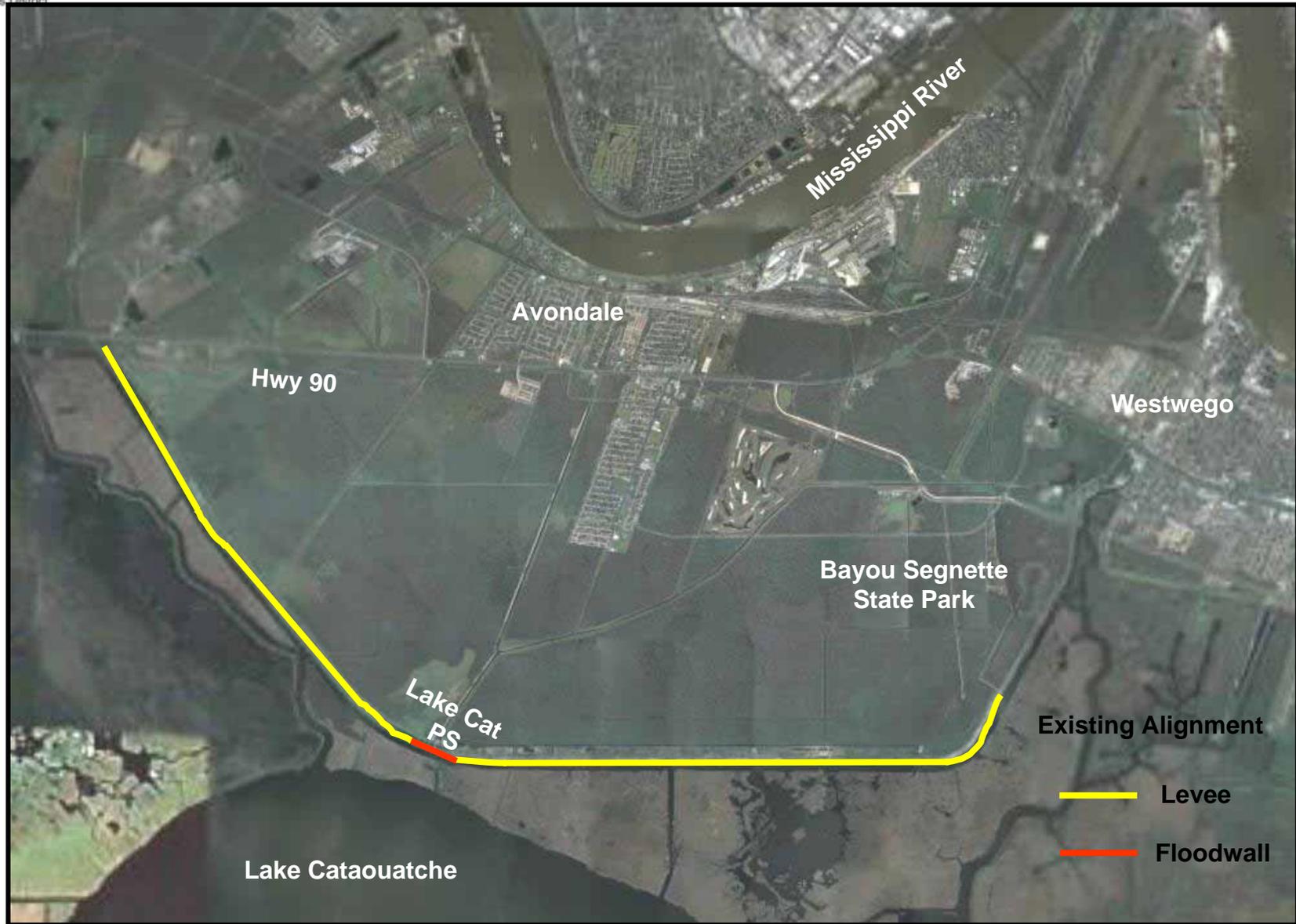
- Ties into existing Lake Cataouatche Levee
- Includes levee parallel to and South of Hwy 90
- Includes navigable drainage structure
- Hwy 90 crossing, and ties into improved Davis Pond Guide Levee.





US Army Corps  
of Engineers  
New Orleans District

# Lake Cataouatche Area (IER 15)



One Team: Relevant, Ready, Responsive and Reliable



US Army Corps  
of Engineers  
New Orleans District

# WBV-17b.2 Sta 160+00 to Hwy 90 Levee Enlargement (IER 15)

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

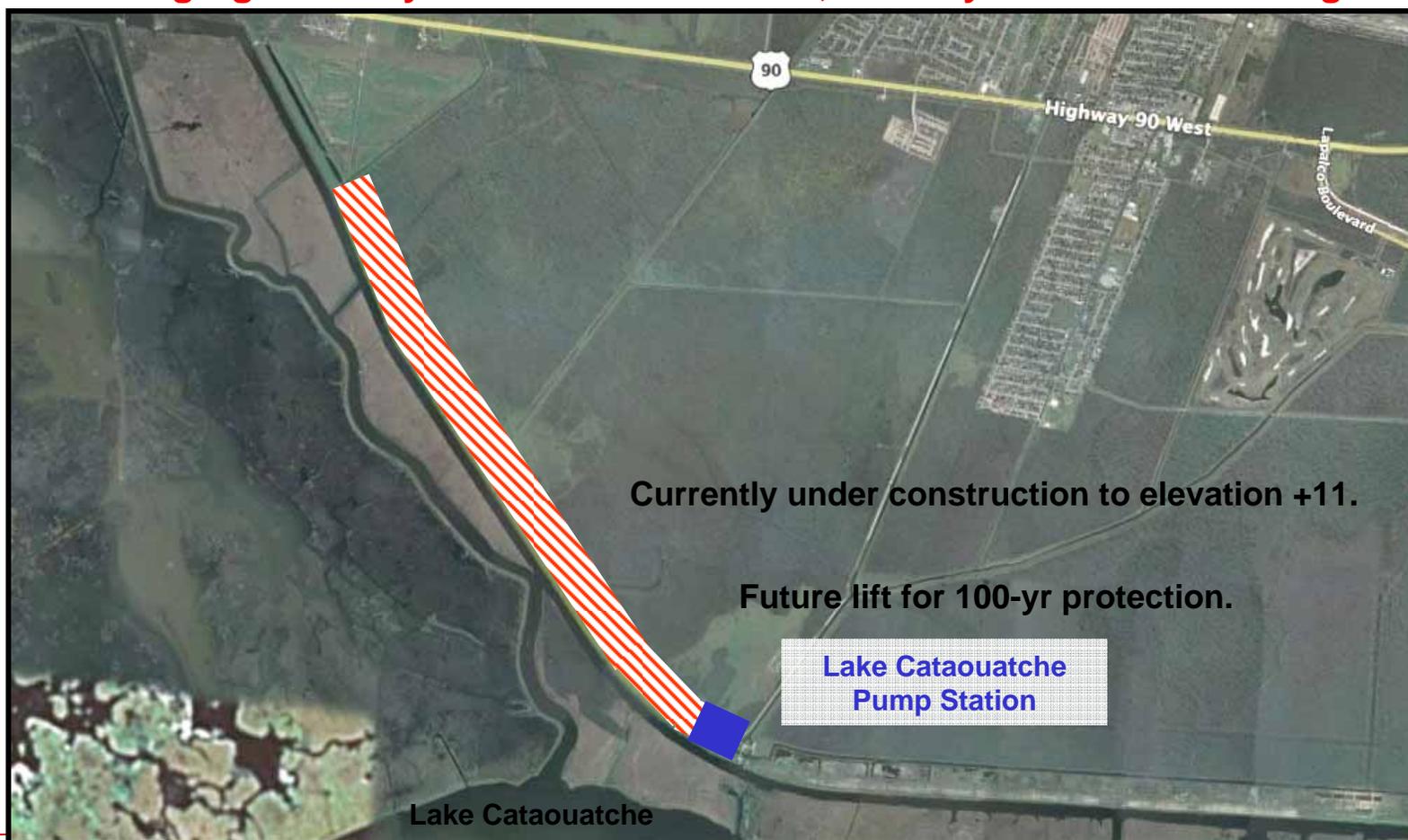
**Proposed Action for 100-yr protection: Earthen levee section to elevation +15.5 within existing right-of-way; includes wave berm, stability berm and armoring**



# WBV-18.2 Lake Cataouatche Pump Station to Hwy 90 Levee Enlargement (IER 15)

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

**Proposed Action for 100-yr protection: Earthen levee section to elevation +15.5 within existing right-of-way. Includes wave berm, stability berm and armoring**



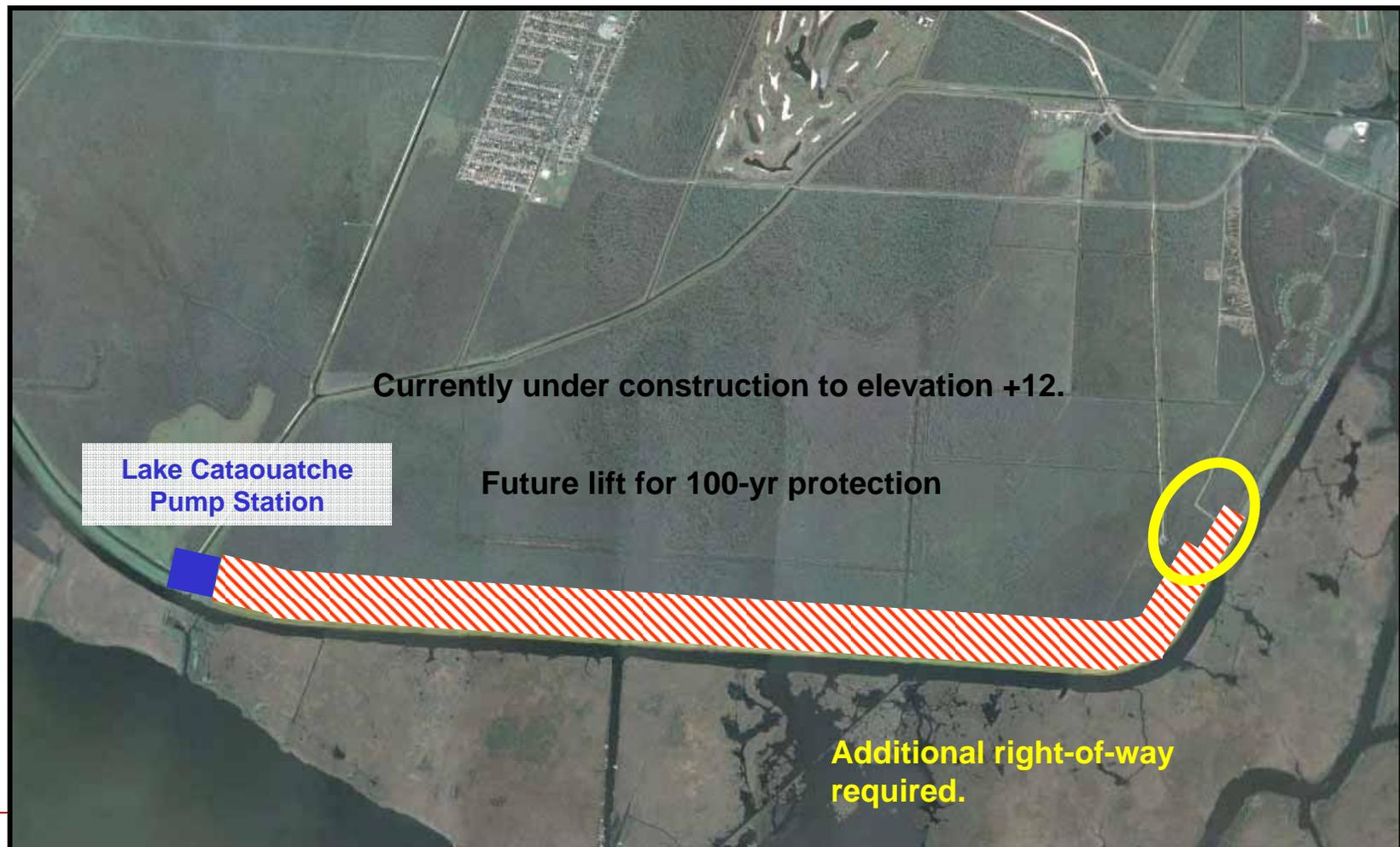


US Army Corps  
of Engineers  
New Orleans District

# WBV-15a.2 Lake Cataouatche Pump Station of Segnette State Park Levee Enlargement (IER 15)

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

**Proposed Action for 100-yr protection - Earthen levee section to elevation +15.5.  
Includes wave berm, stability berm and armoring. Minimal additional right of way required**





US Army Corps  
of Engineers  
New Orleans District

# Bayou Segnette and Company Canal (IER 17)

Currently undergoing an engineering analysis of 4 alternative alignments and completing environmental compliance (IER 17)



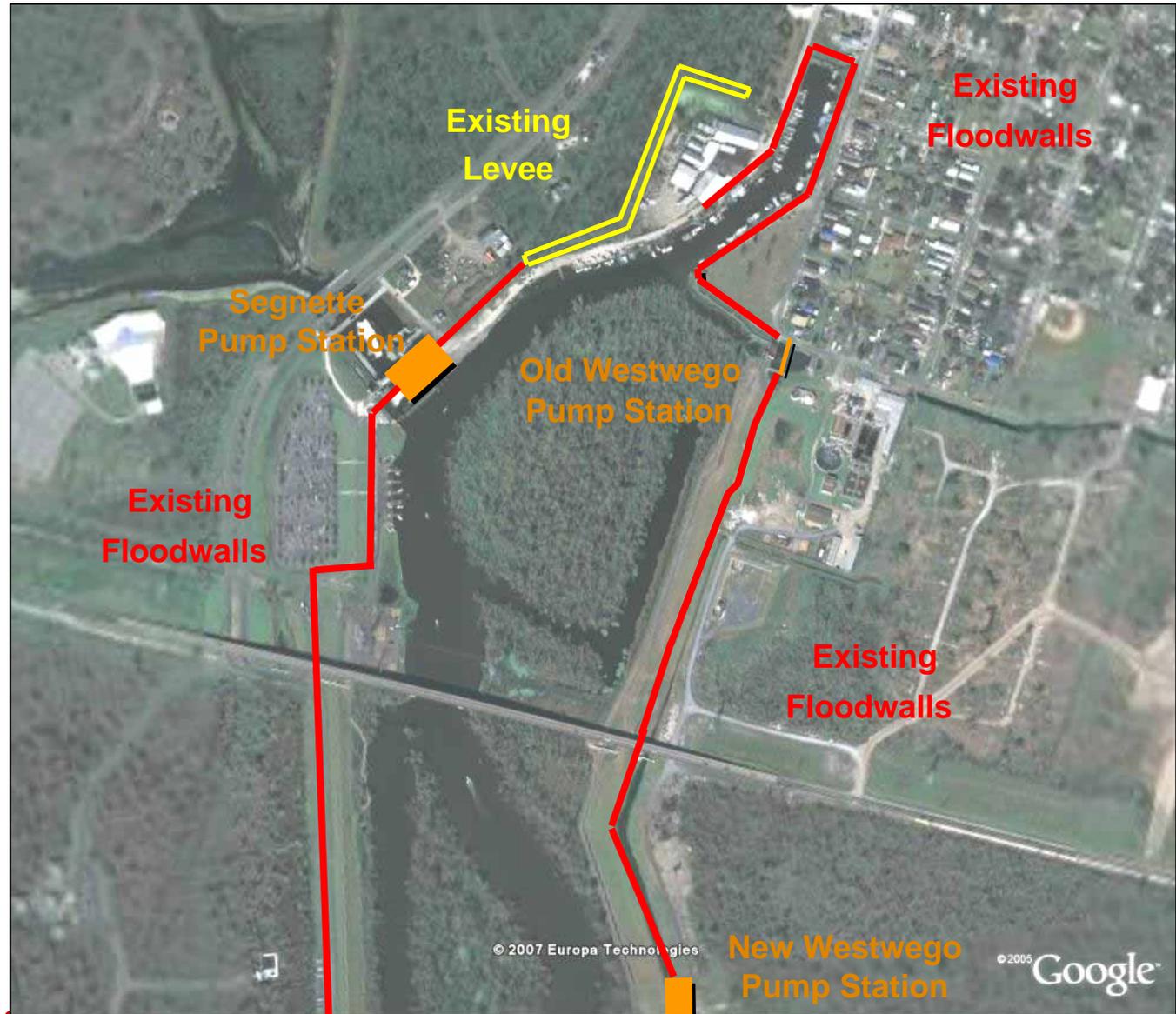


US Army Corps  
of Engineers  
New Orleans District

# Bayou Segnette and Company Canal (IER 17)

## Alternative 1

- Replace existing levees and floodwalls
- Fronting protection at Pump Stations



One Team. Relevant, Ready, Responsive and Reliable

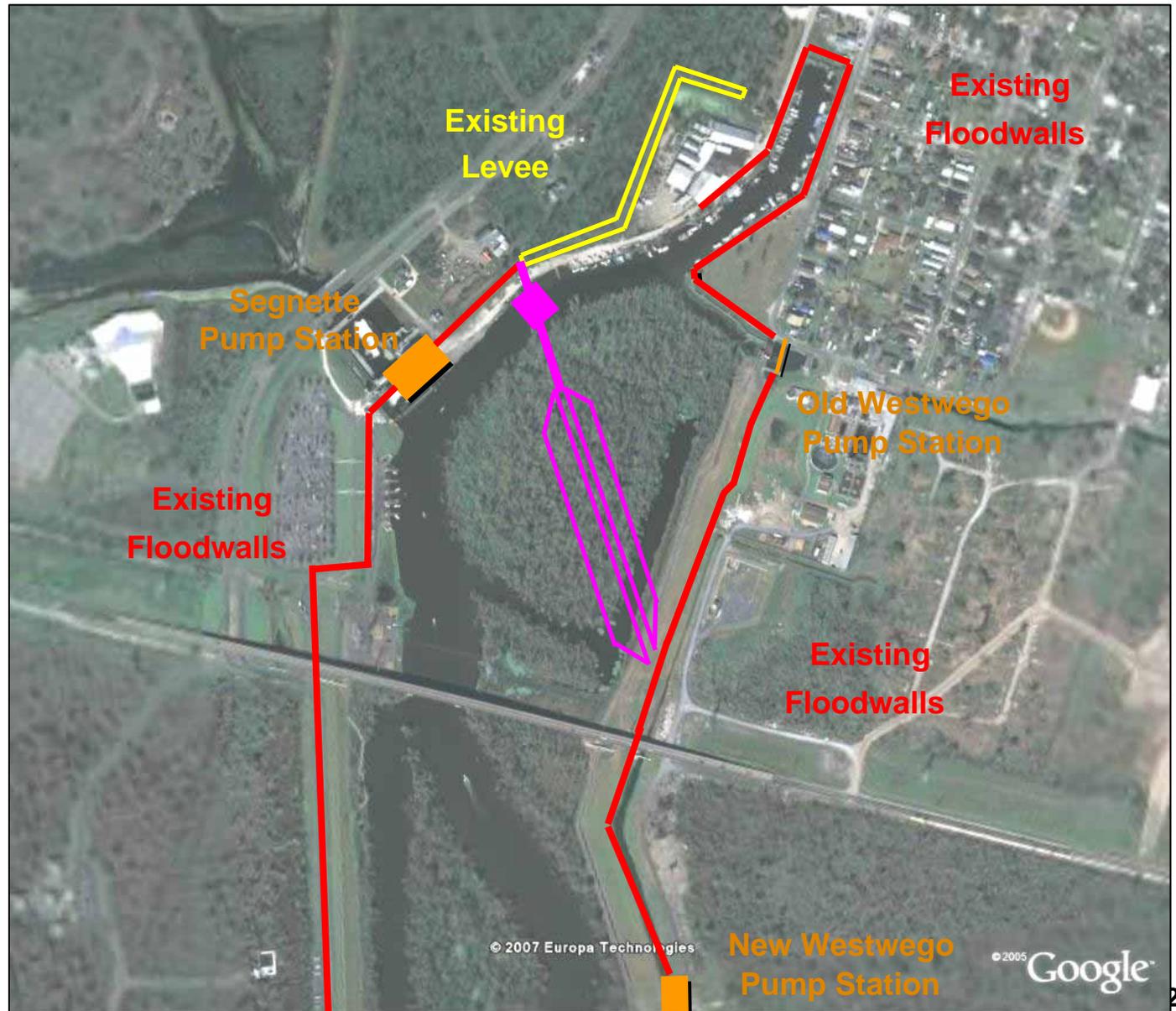


US Army Corps  
of Engineers  
New Orleans District

# Bayou Segnette and Company Canal (IER 17)

## Alternative 2

- Permanent Sector Gate
- Earthen Closure



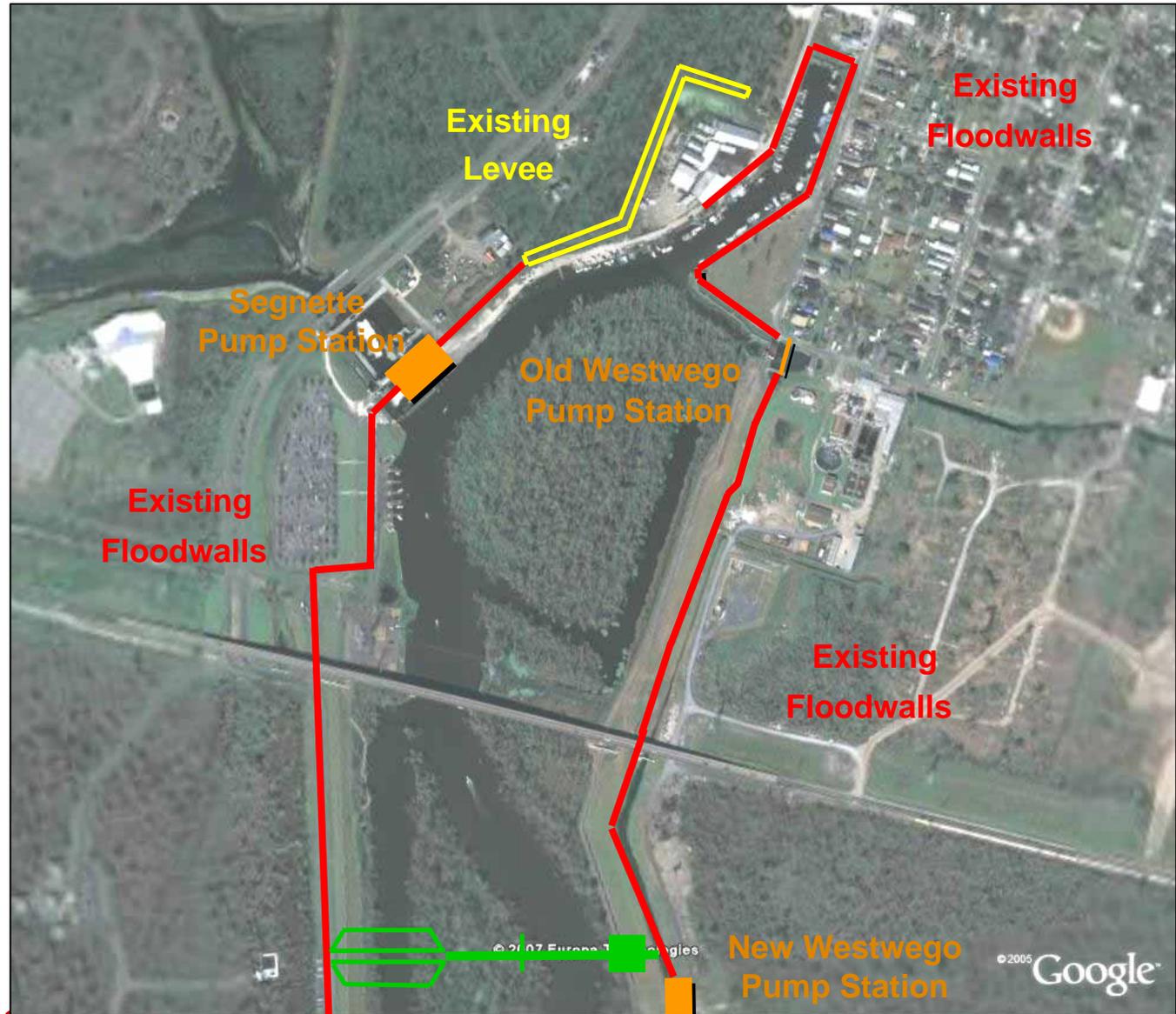


US Army Corps  
of Engineers  
New Orleans District

# Bayou Segnette and Company Canal (IER 17)

## Alternative 3

- Permanent Sector Gate
- Pump Station
- Earthen Closure



One Team. Relevant, Ready, Responsive and Reliable

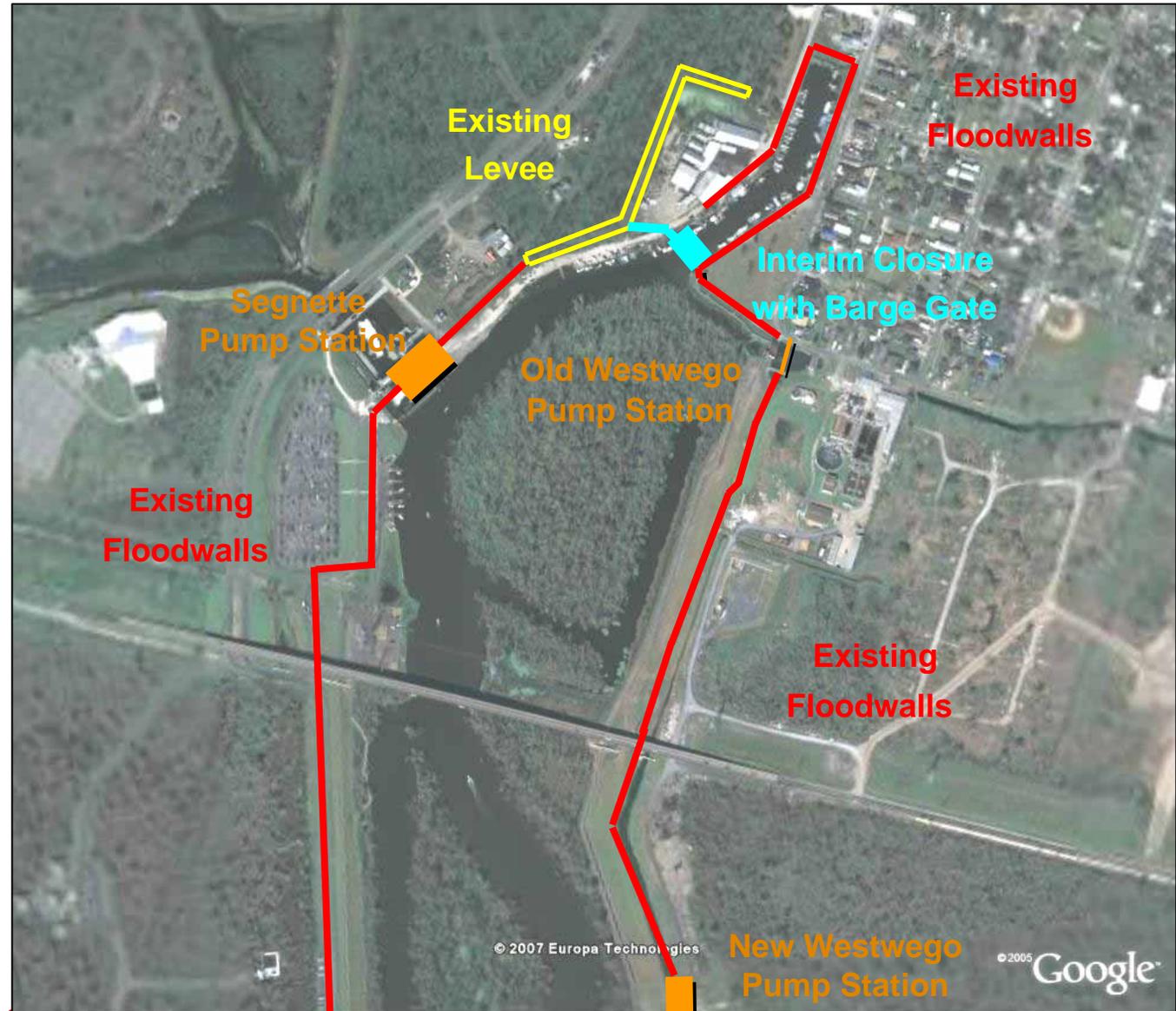


US Army Corps  
of Engineers  
New Orleans District

# Bayou Segnette and Company Canal (IER 17)

## Alternative 4

- Permanent Sector Gate
- Earthen Closure



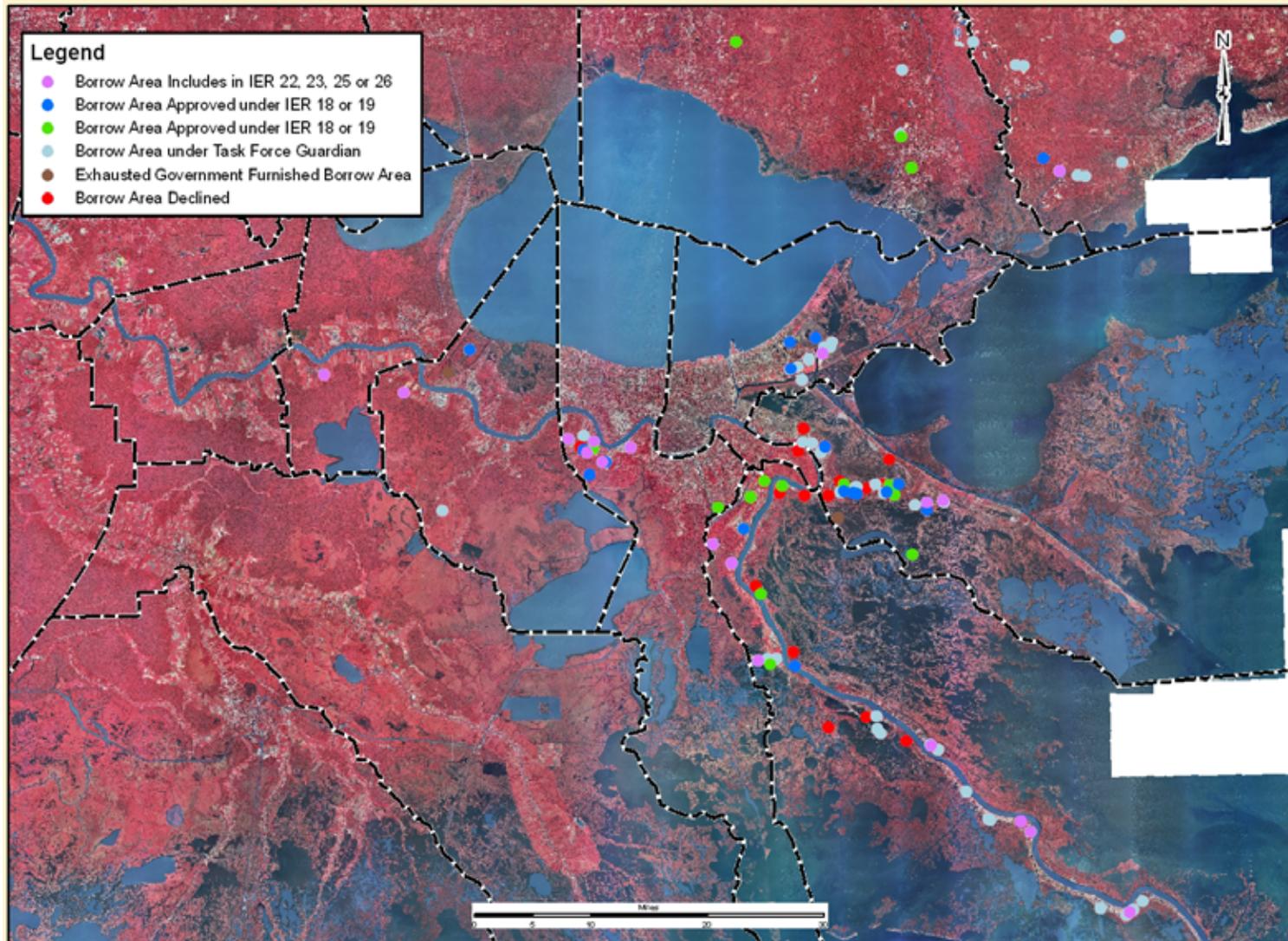
One Team. Relevant, Ready, Responsive and Reliable



US Army Corps  
of Engineers  
New Orleans District

# Borrow

## All Sites Investigated

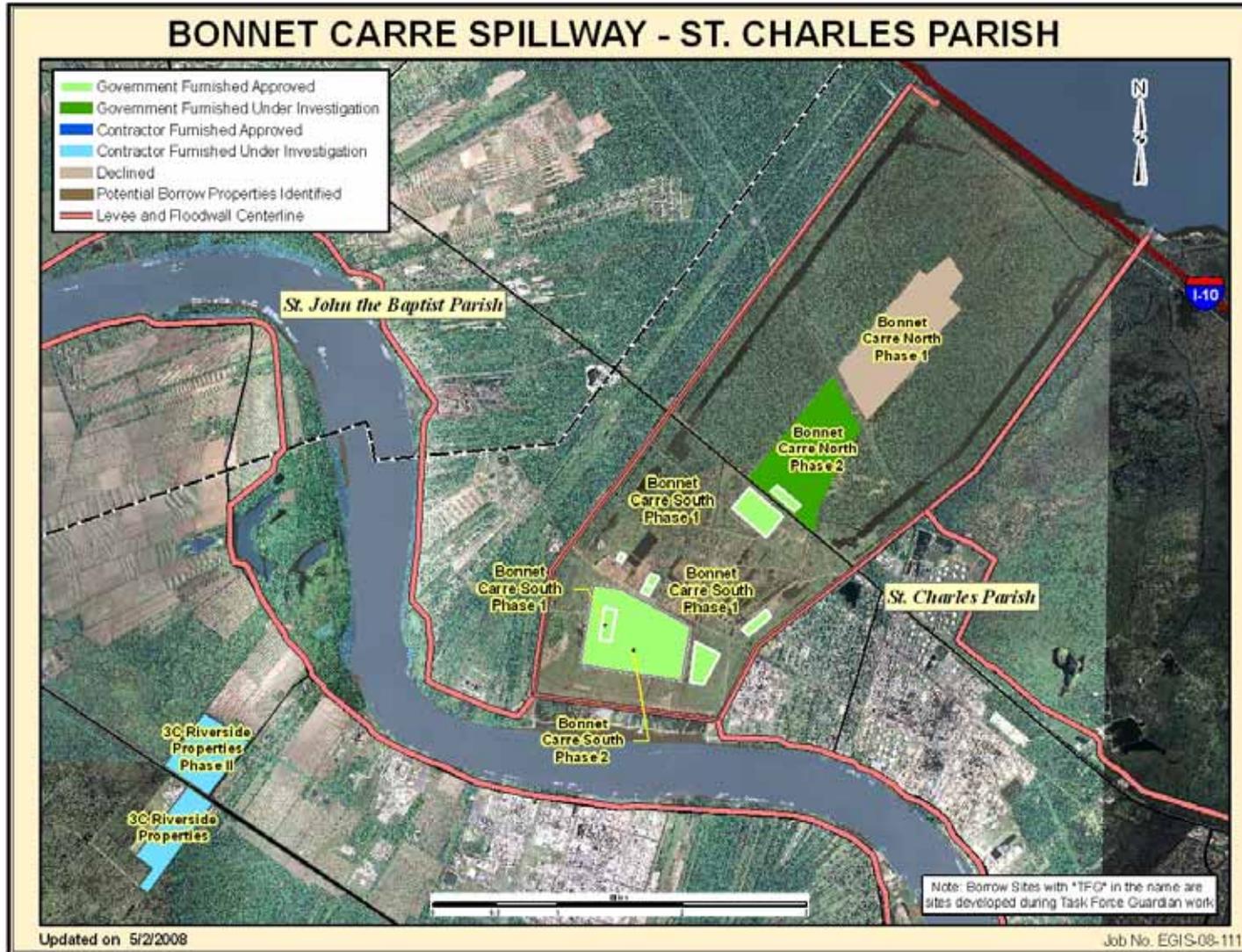


One Team: Relevant, Ready, Responsive and Reliable



US Army Corps  
of Engineers  
New Orleans District

# Borrow St. Charles Parish



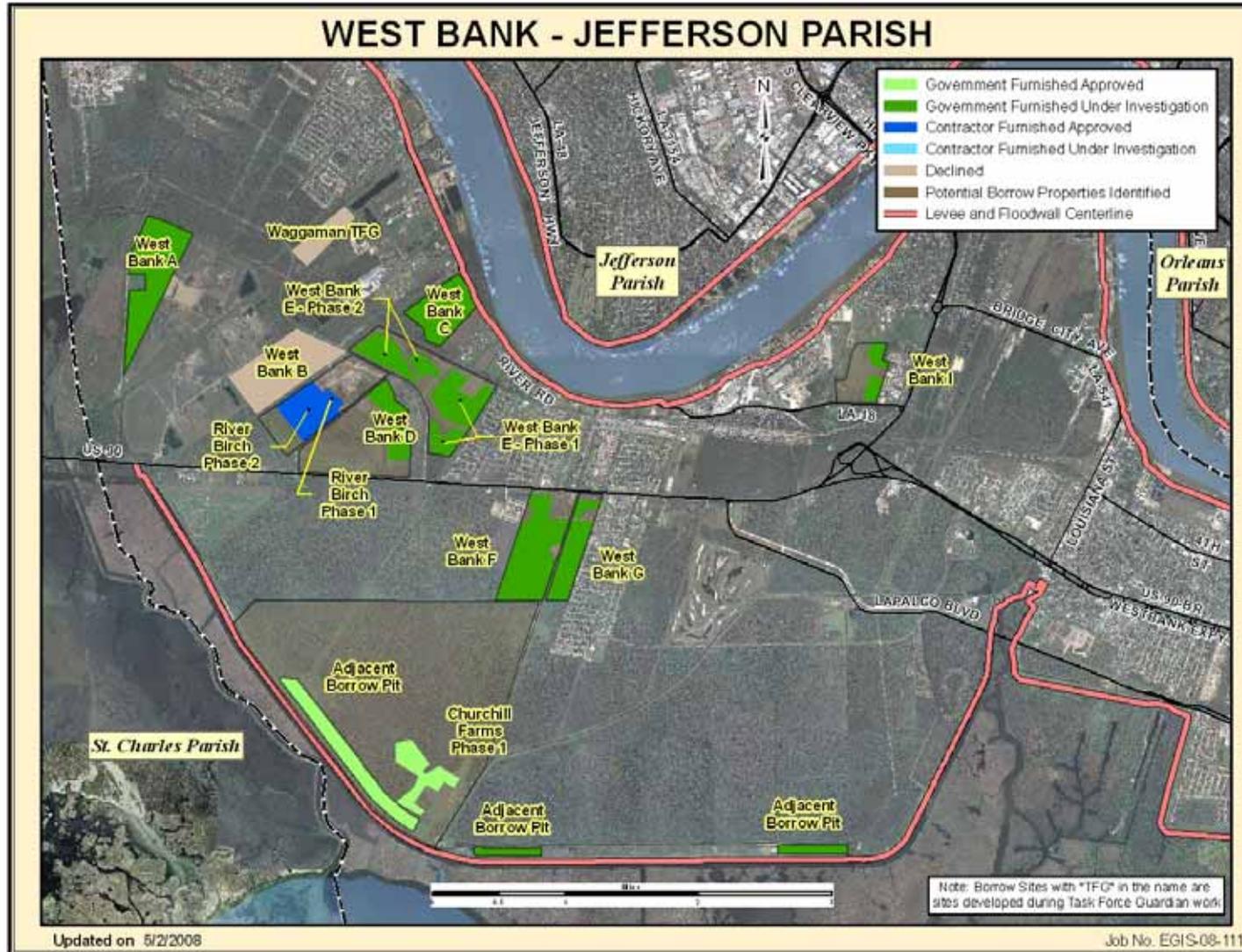
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps  
of Engineers  
New Orleans District

# Borrow

## Westbank Jefferson Parish



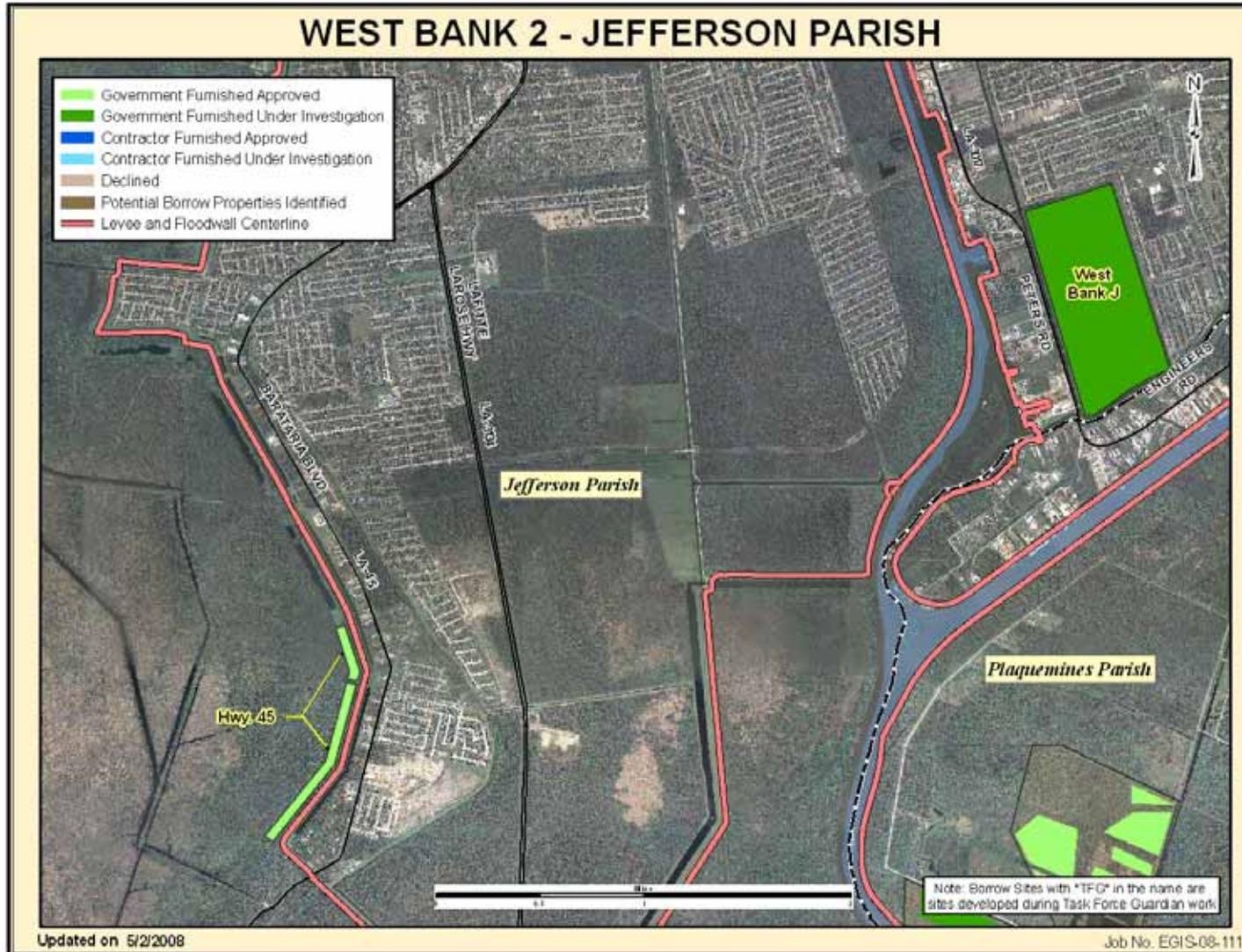
One Team: Relevant, Ready, Responsive and Reliable



US Army Corps  
of Engineers  
New Orleans District

# Borrow

## Westbank Jefferson Parish



One Team: Relevant, Ready, Responsive and Reliable



# IERs Currently Available for Public Review

## 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](http://www.nolaenvironmental.gov) or by contacting the Corps.**

# Opportunities for Public Input

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

Questions and comments regarding Greater New Orleans Hurricane and 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](mailto:mvnenvironmental@usace.army.mil)**



US Army Corps  
of Engineers  
New Orleans District



NEW ORLEANS, LOUISIANA  
Environmental Compliance Data Bank  
[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

PROJECTS   MEETINGS   LIBRARY   DATA VIEWER   GET INVOLVED   RELATED LINKS

[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

**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

- [05/15/2008 - Public Meeting \(IERs 15 16 17 & Borrow\)](#)
- [05/22/2008 - Public Meeting \(IERs 12 13 & Borrow\)](#)

[More...](#)

### Newly Available

- [IER 12 Clean Water Act Section 404\(c\) Background](#)
- [News Release 9 May 08 Public Meeting IERs 15 16 17](#)

[More...](#)

### FEATURED PROJECT



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



US Army Corps  
of Engineers  
New Orleans District

# West Bank and Vicinity 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**



**One Team: Relevant, Ready, Responsive and Reliable**

