





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

# **Westbank and Vicinity Project Update**

**IERs 14, 15, 17 and borrow  
100-year protection  
Greater New Orleans Hurricane and Storm Damage  
Risk Reduction System**

**Ms. Julie Vignes, Senior Project Manager  
March 25, 2008  
Ehret High School  
Marrero, LA**



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# Why we are here tonight

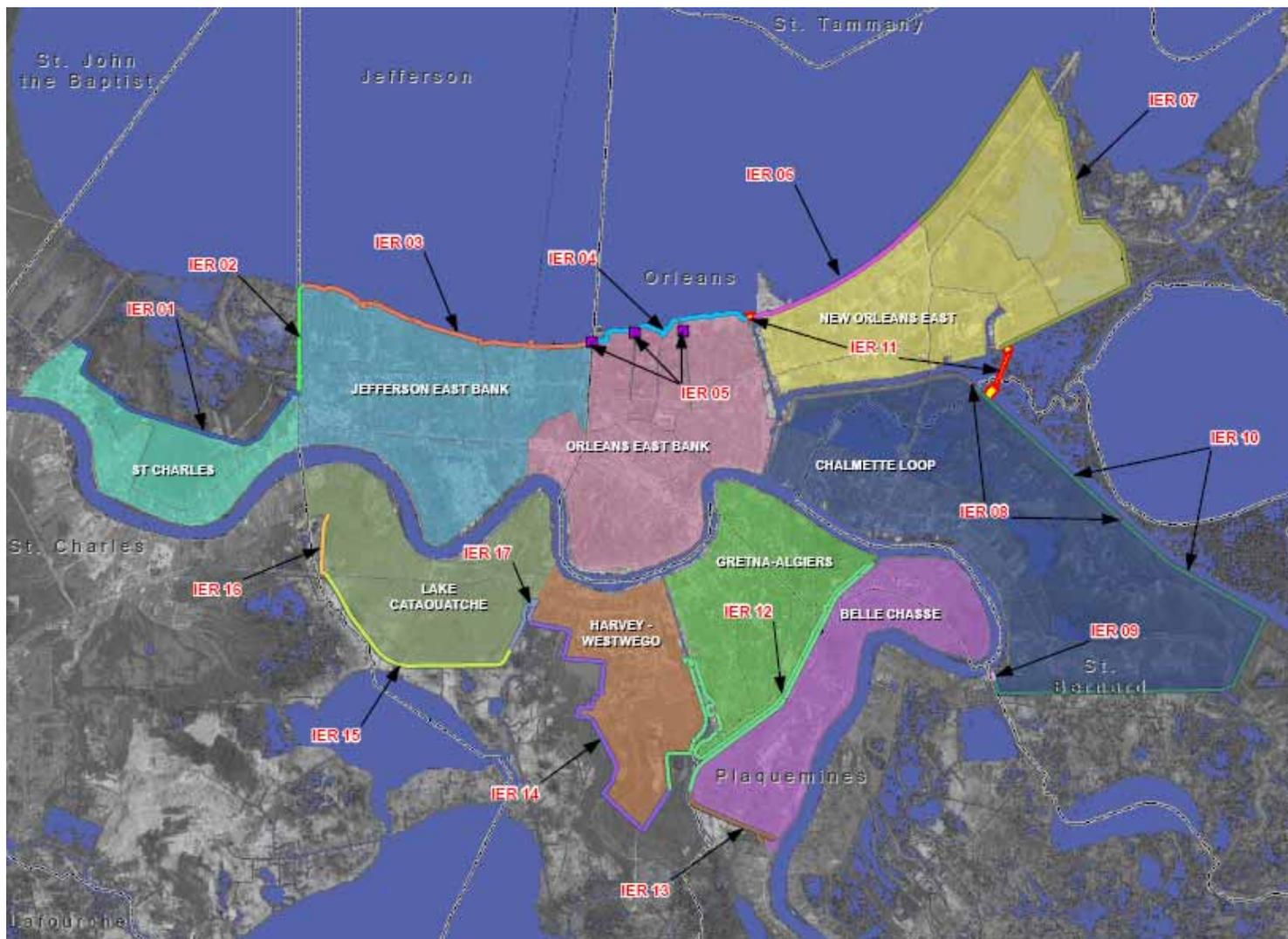
**To discuss the status of in-progress projects and preferred alternatives that will bring the Westbank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage Risk Reduction System in Jefferson Parish up to 100-year protection levels.**



# 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 14, 15 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 14: April 18, 2008 to May 19, 2008
  - IER 15: April 3, 2008 to May 5, 2008
  - IER 17: May 14, 2008 to June 13, 2008



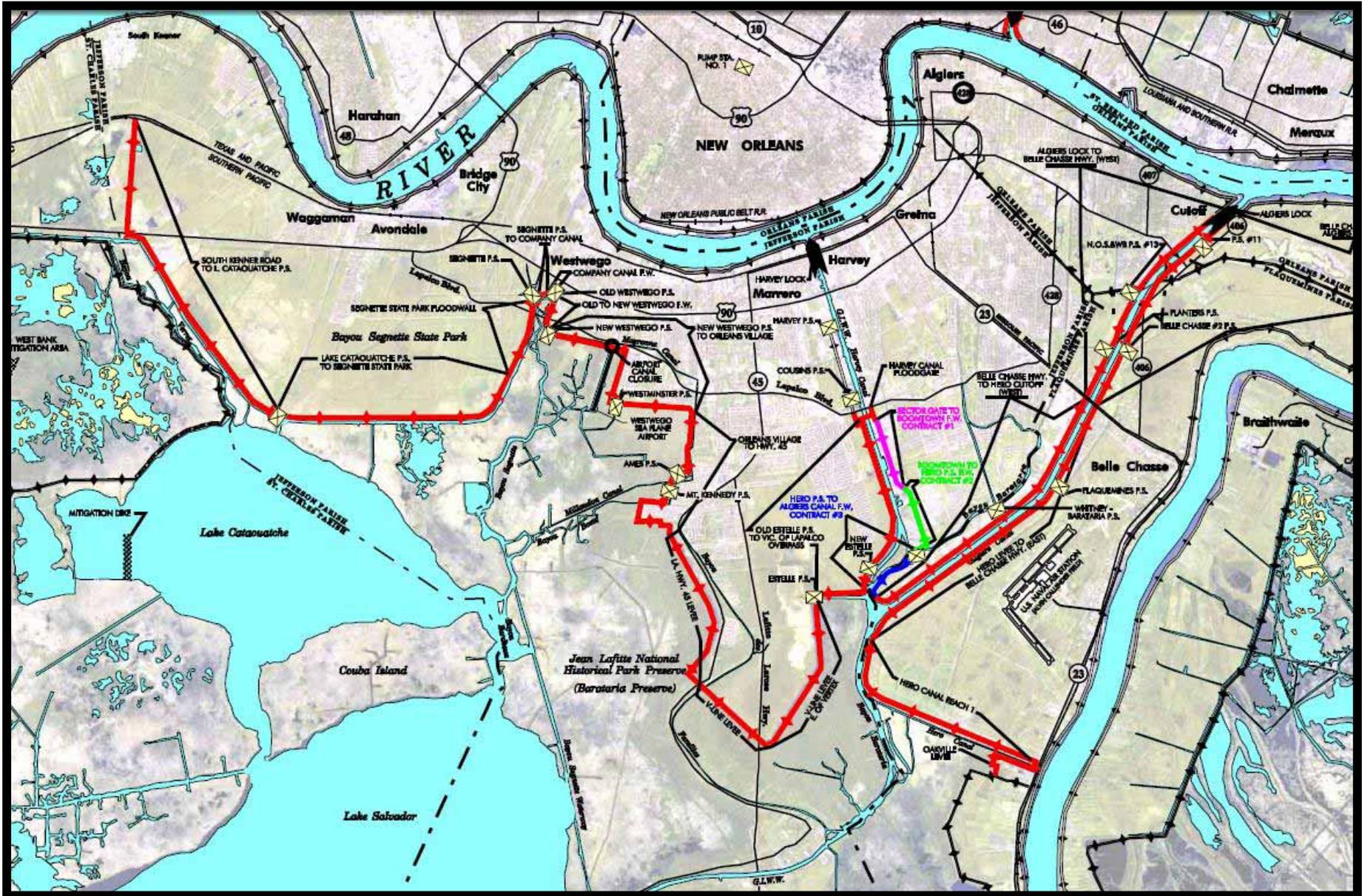
# NEPA Process and Path Ahead

- Final decision regarding IER recommendations will be made in 2008. Tentative decision dates are:
  - IER 14: May 30, 2008
  - IER 15: May 16, 2008
  - IER 17: June 30, 2008



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# West Bank and Vicinity Hurricane Protection Project





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# 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





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# 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

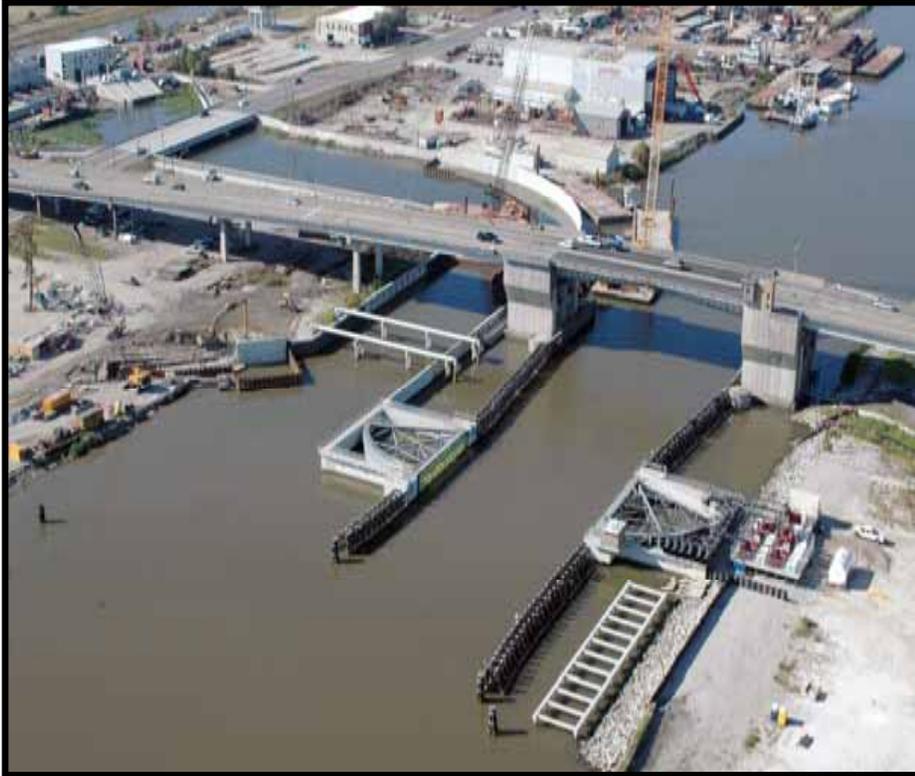




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# Ongoing Construction

## Harvey Floodgate



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

## Harvey Floodwalls



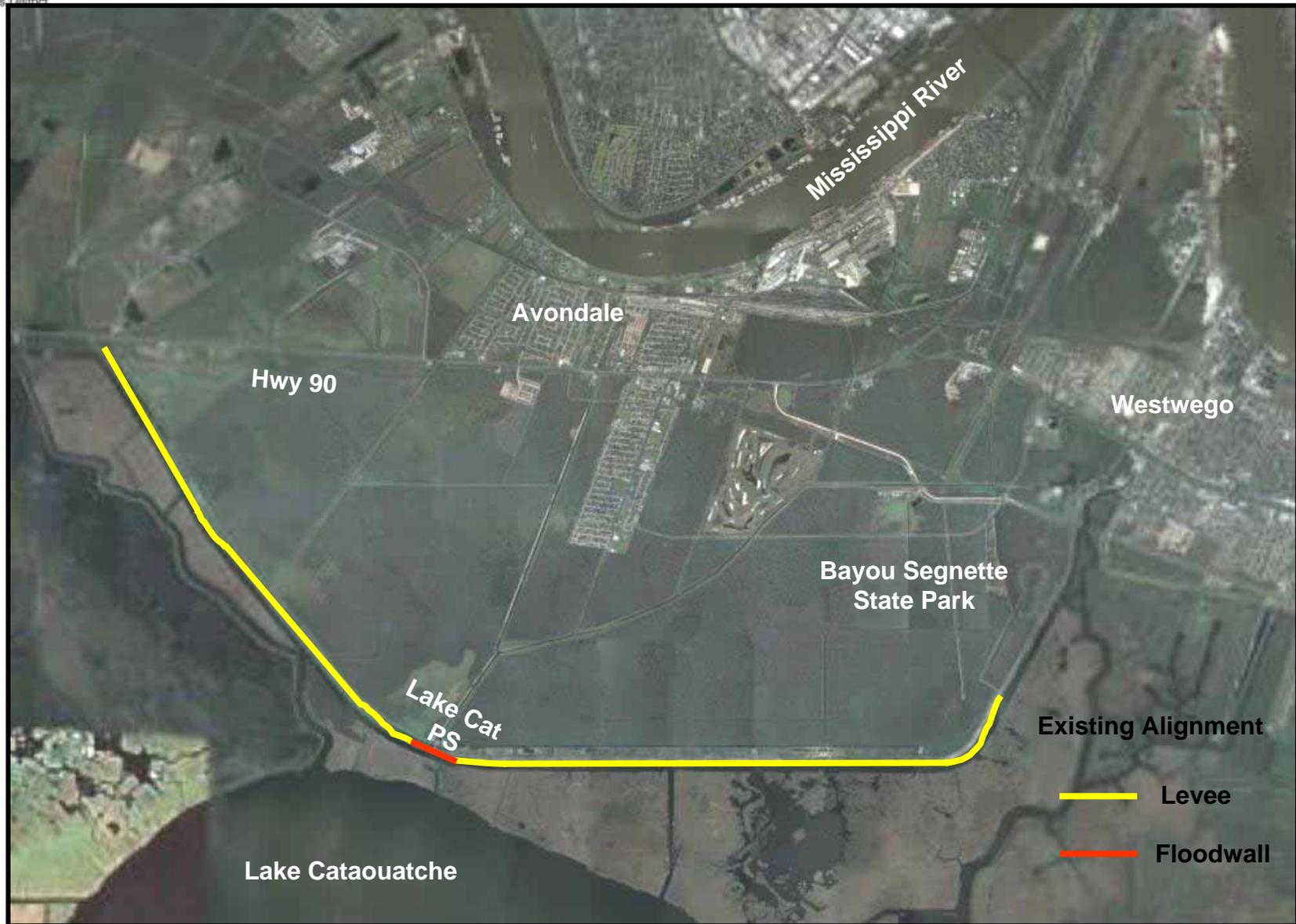
- Boomtown Casino to Hero Pump Station awarded Mar. 2007
- Lapalco to Boomtown awarded Feb. 2008
- 3 Remaining Task Orders to be awarded by Jul. 2008

One Team: Relevant, Ready, Responsive and Reliable



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# Lake Cataouatche Area (IER 15)

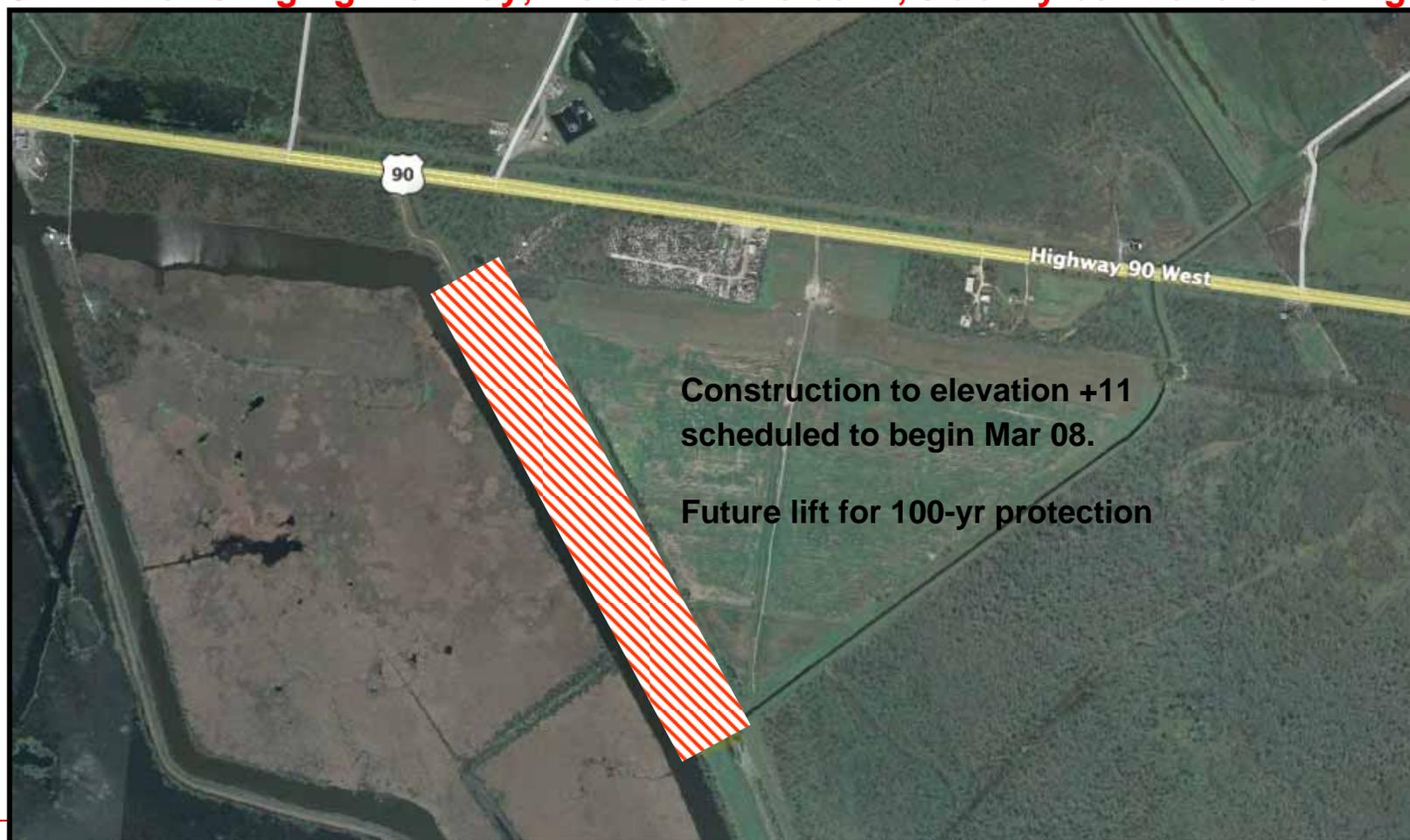


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# WBV-17b.2 Sta 160+00 to Hwy 90 Levee Enlargement (IER 15)

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

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



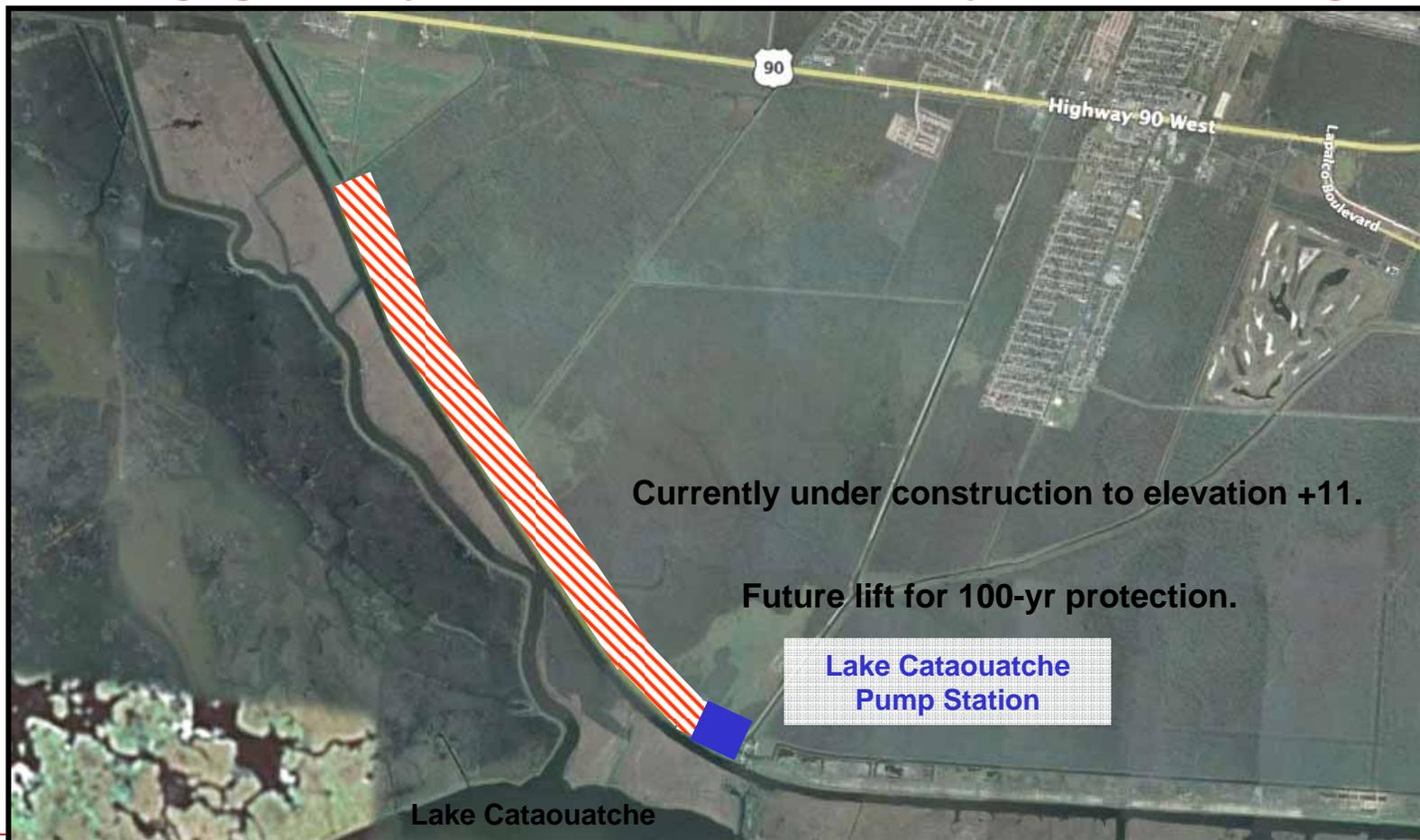


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# WBV-18.2 Lake Cataouatche Pump Station to Hwy 90 Levee Enlargement (IER 15)

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

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



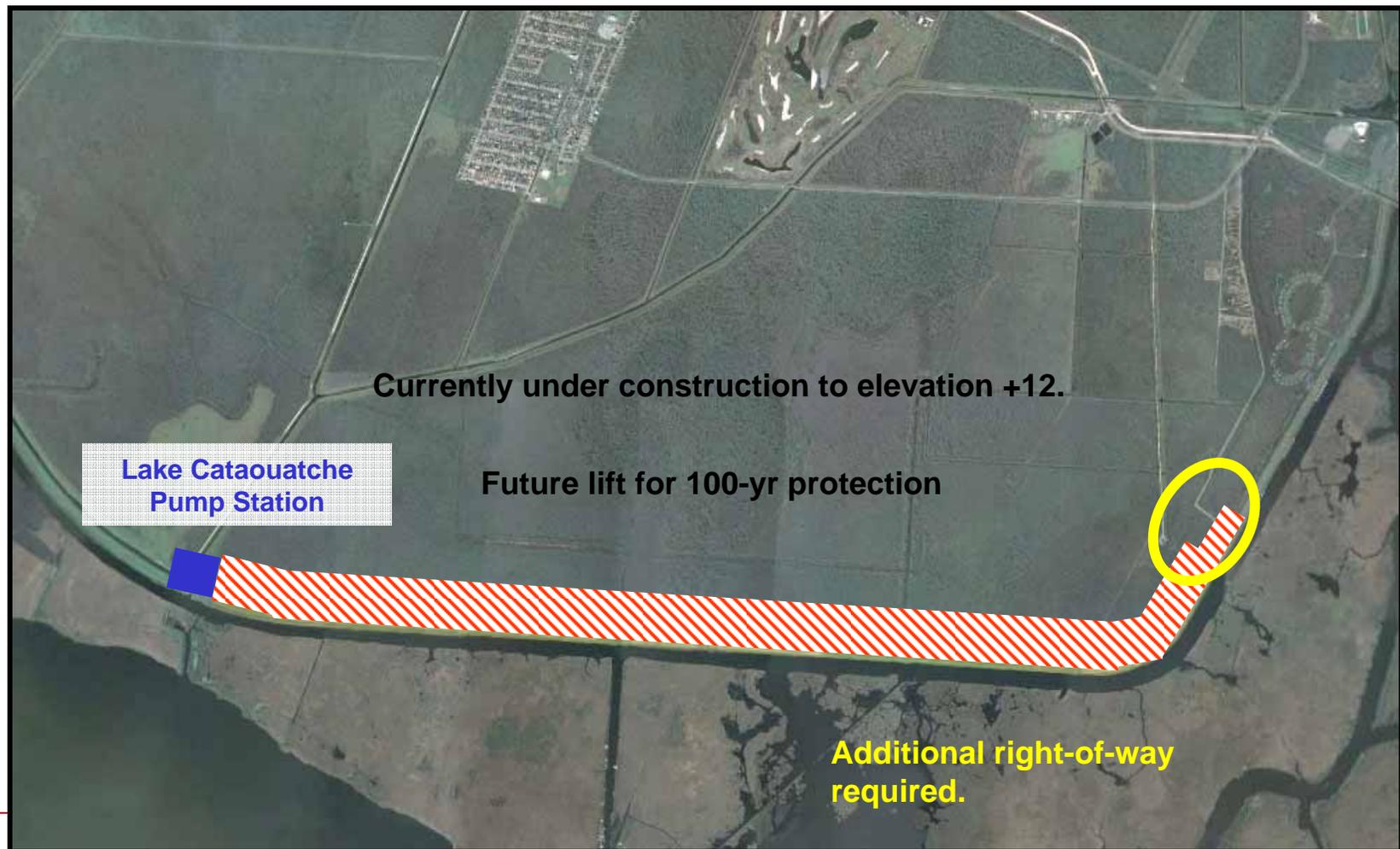


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# WBV-15a.2 Lake Cataouatche Pump Station of Segnette State Park Levee Enlargement (IER 15)

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

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





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# Bayou Segnette and Company Canal (IER 17)

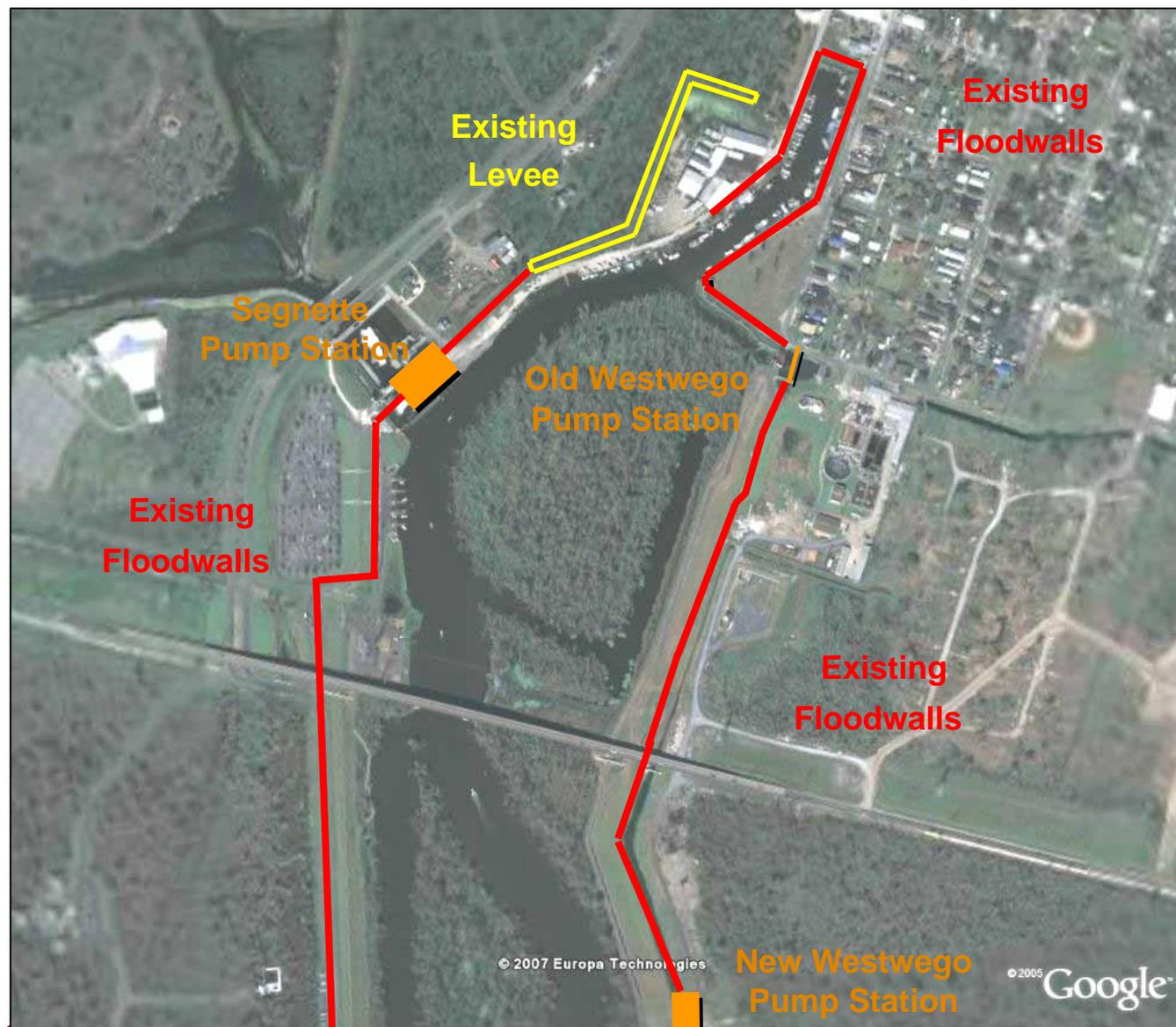
Currently undergoing an engineering analysis of 4 alternative alignments and completing environmental compliance (IER 17)



# Bayou Segnette and Company Canal (IER 17)

## Alternative 1

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



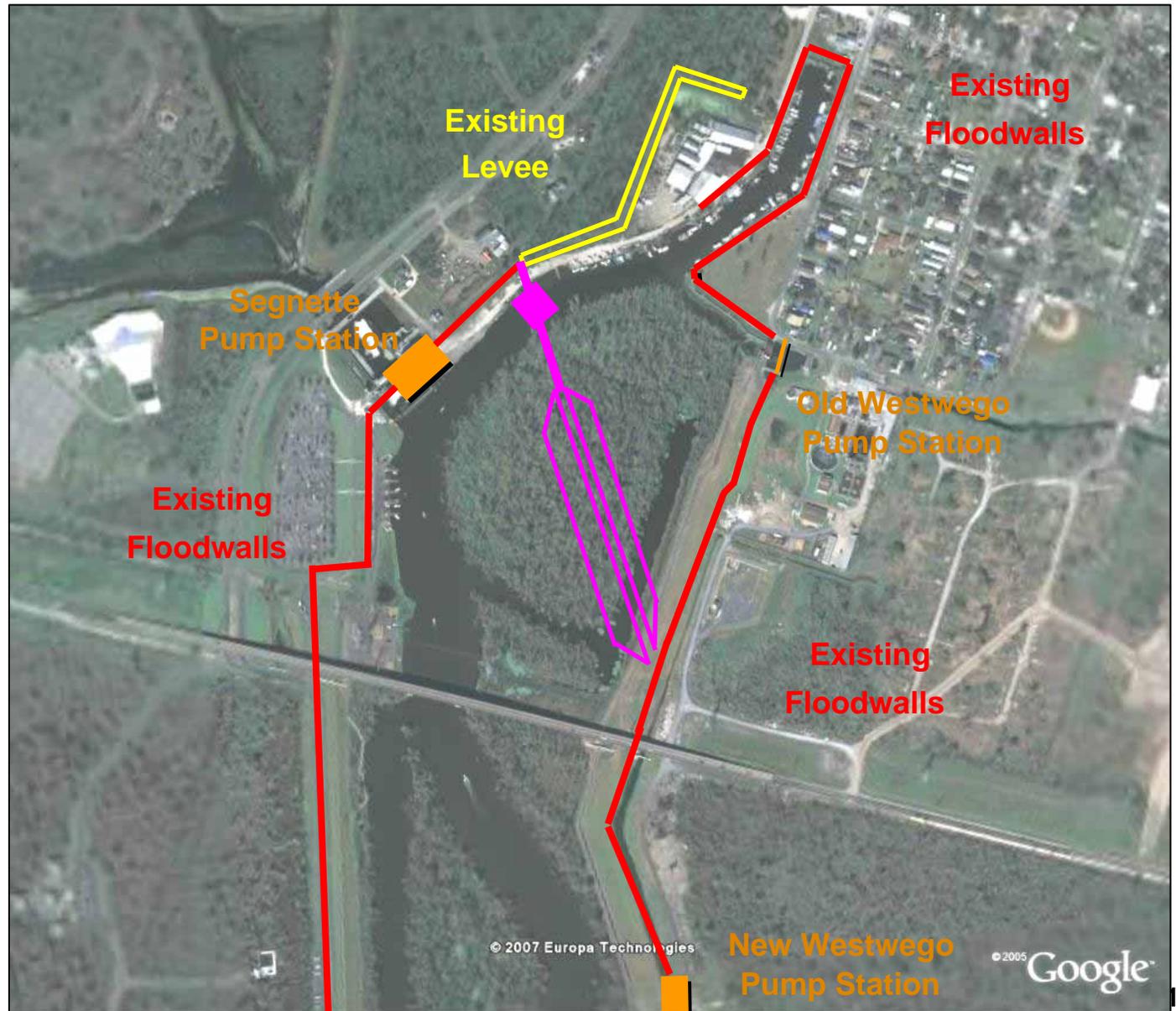


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# Bayou Segnette and Company Canal (IER 17)

## Alternative 2

- Permanent Sector Gate
- Earthen Closure



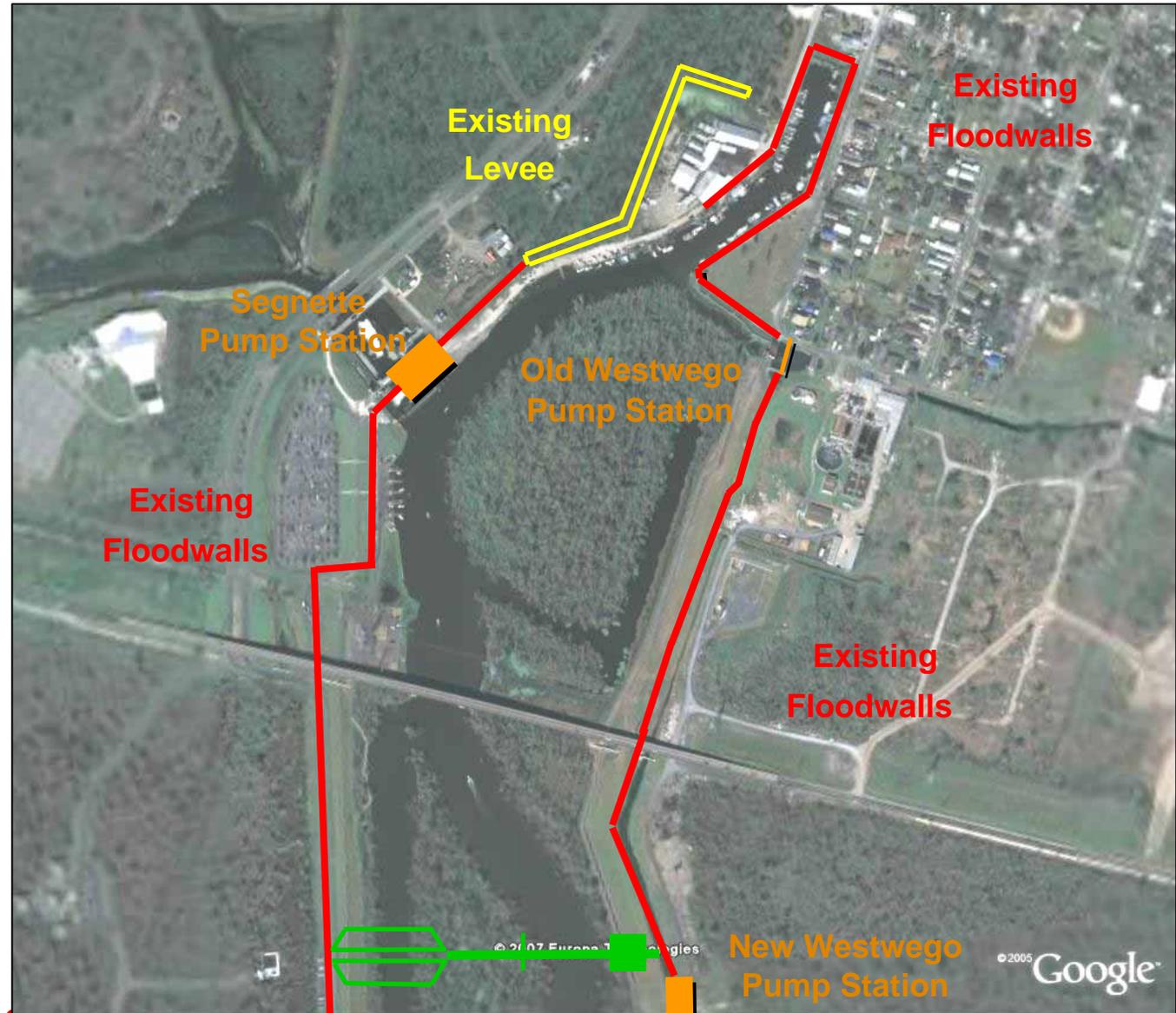


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# Bayou Segnette and Company Canal (IER 17)

## Alternative 3

- Permanent Sector Gate
- Pump Station
- Earthen Closure



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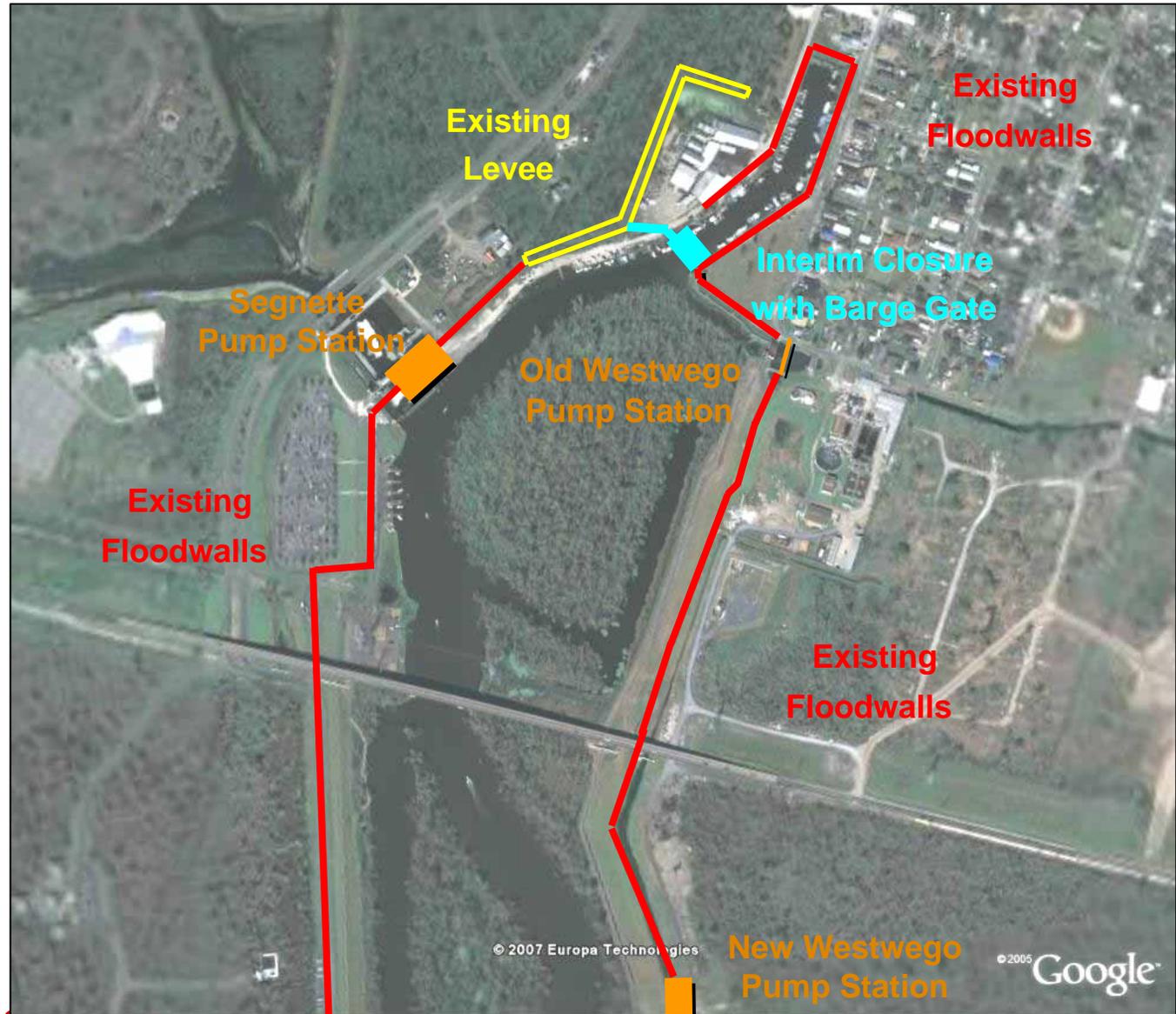


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# Bayou Segnette and Company Canal (IER 17)

## Alternative 4

- Permanent Sector Gate
- Earthen Closure



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# Westwego to Harvey Levees and Floodwalls (IER 14)



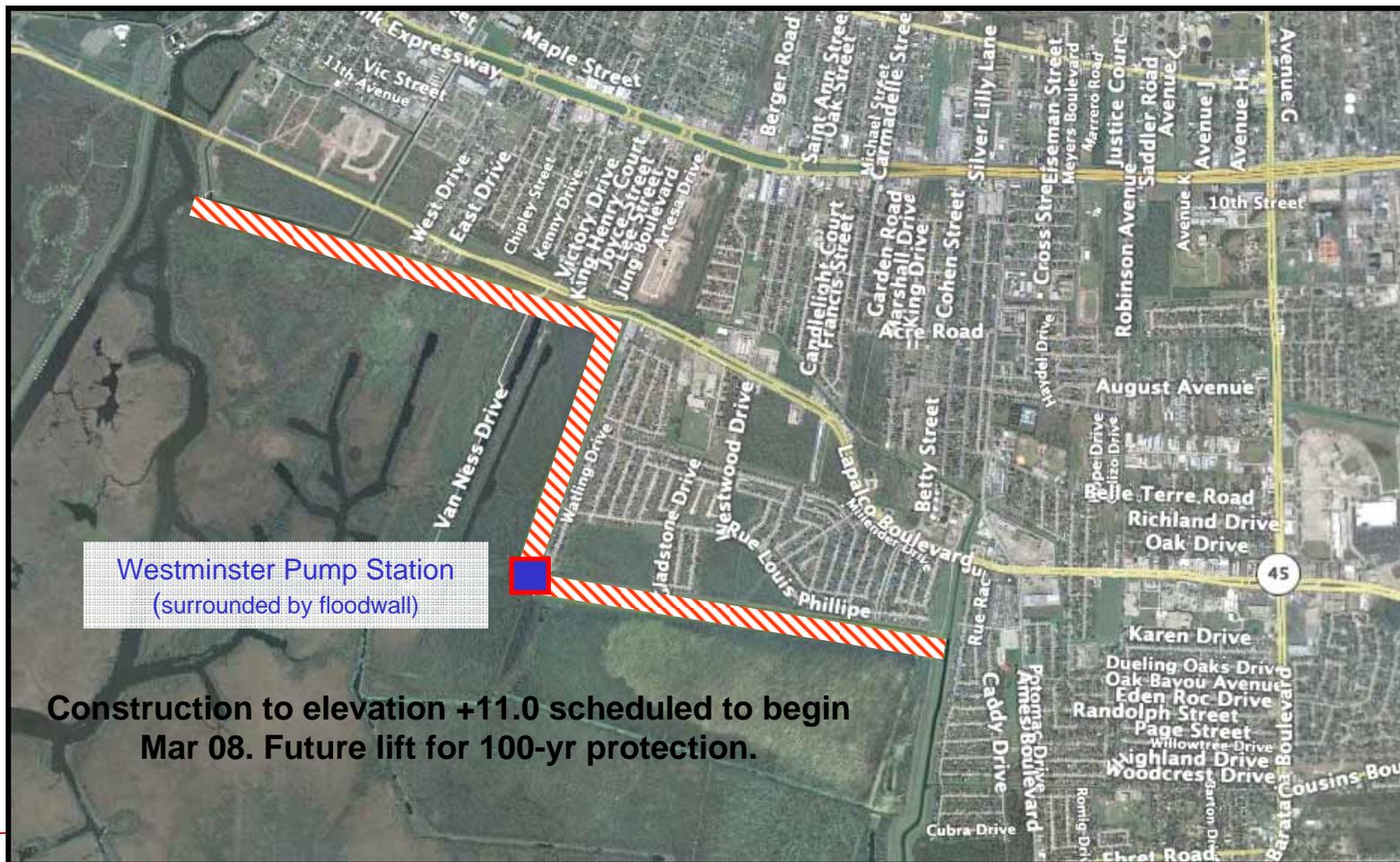


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# WBV-14c.2 New Westwego Pump Station to Orleans Village Levee Enlargement (IER 14)

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

**Tentatively selected plan for 100-yr protection: Earthen levee section to elevation +14 within existing right of way. May require geotextile fabric and/or soil mixing**



CR1

Should this really be Westminster?

Cheryn Robles, 3/20/2008



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# WBV-30 Westminster Pump Station (IER 14)

Alternatives Considered: Levee Enlargement (straddle, landside or floodside shift) and floodwalls with existing right-of-way

- Tentatively selected plan for 100-yr protection



CR2

Should this really be Westminster?

Cheryn Robles, 3/20/2008



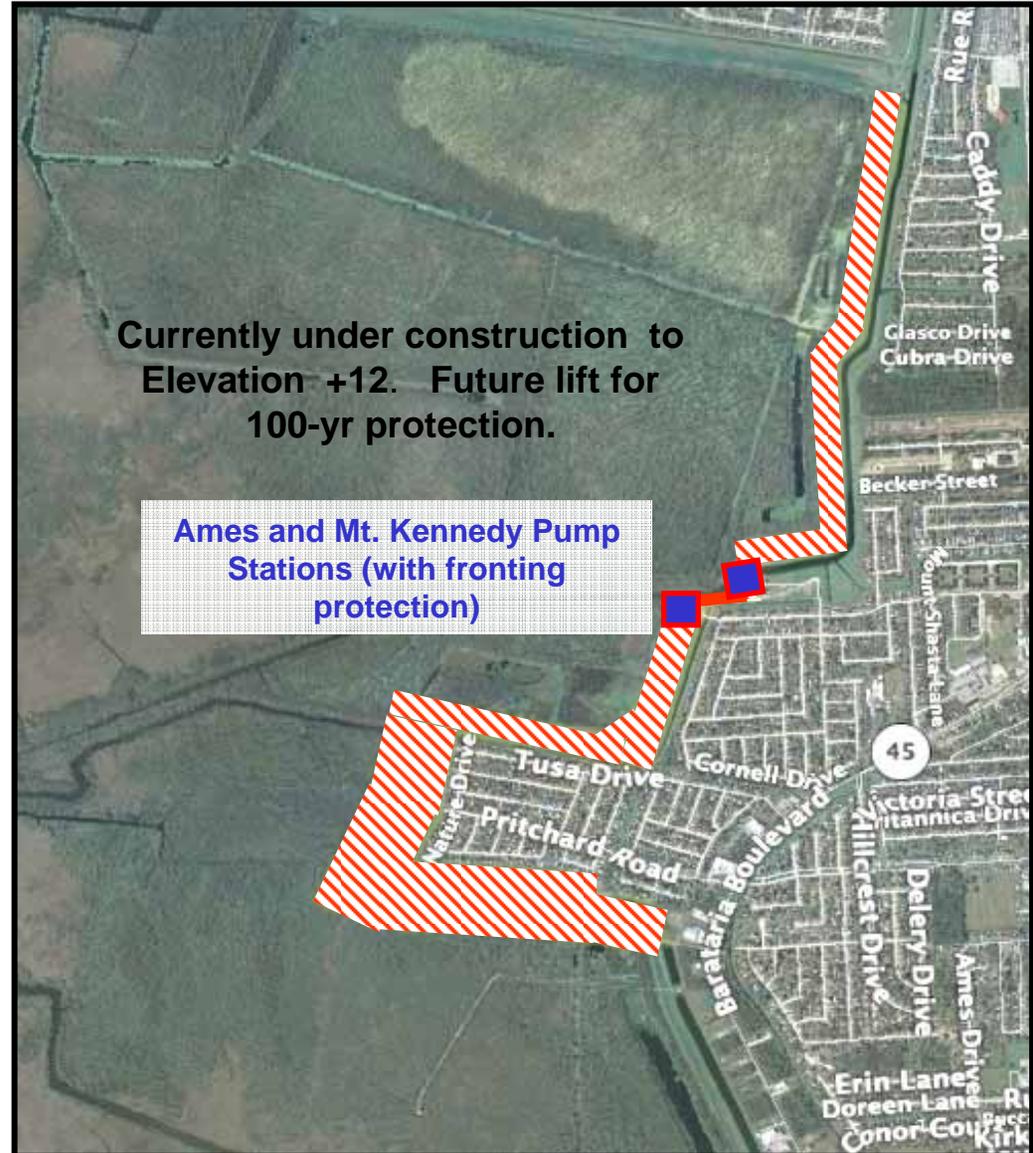


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# WBV- 37 (Ames) and 43 (Mt. Kennedy) Pump Stations (IER 14)

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

- Tentatively selected plan  
for 100-yr protection
- Earthen levee section to  
elevation +14  
within existing right of  
way.
- May require geotextile  
fabric and/or soil mixing



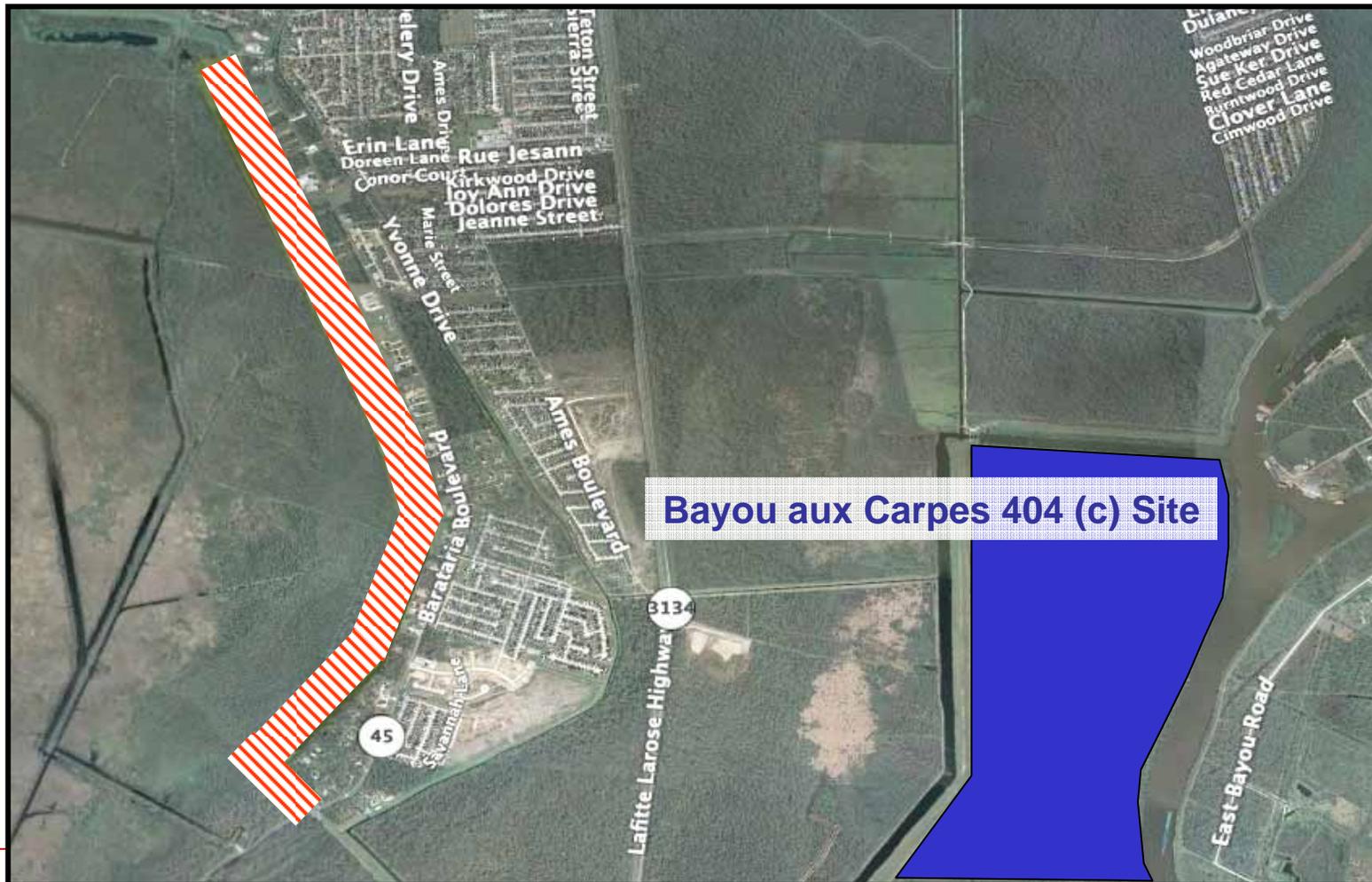


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# WBV-14f.2 Hwy 45 Levee Enlargement (IER 14)

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

**Tentatively selected plan for 100-yr protection: Earthen levee section to elevation +14 within existing right of way. May require geotextile fabric and/or soil mixing**





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# WBV-14d V Line Floodwall (IER 14)

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

**Tentatively selected plan for 100-yr protection: Replace I-Wall with New Floodwall; includes ramp at Lafitte Larose Hwy and replacing the floodgate at Hwy 45. Minimal additional right of way required at the proposed ramp at Lafitte Larose Hwy.**



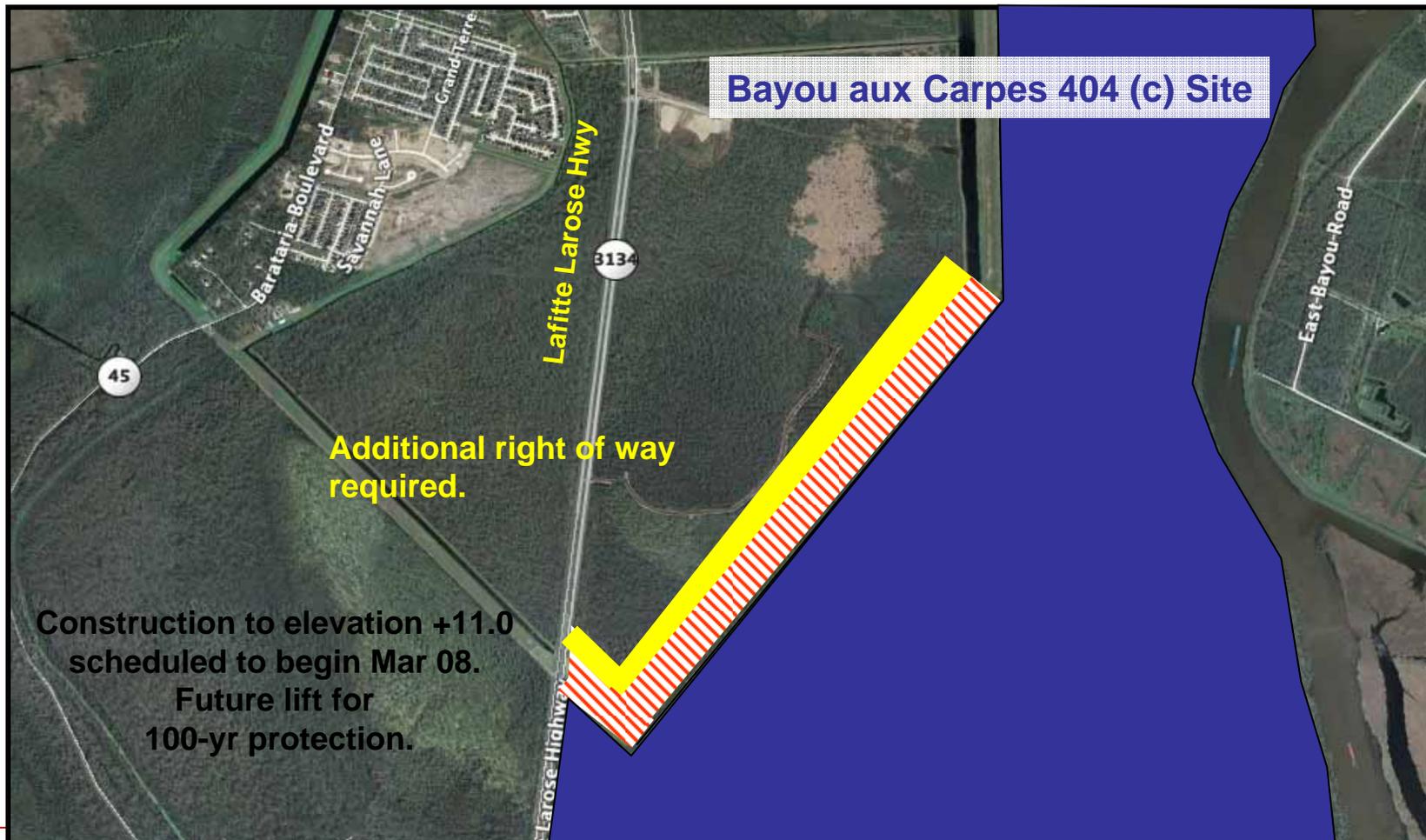


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# WBV-14e.2 V Line Levee East of Vertex Levee Enlargement (IER 14)

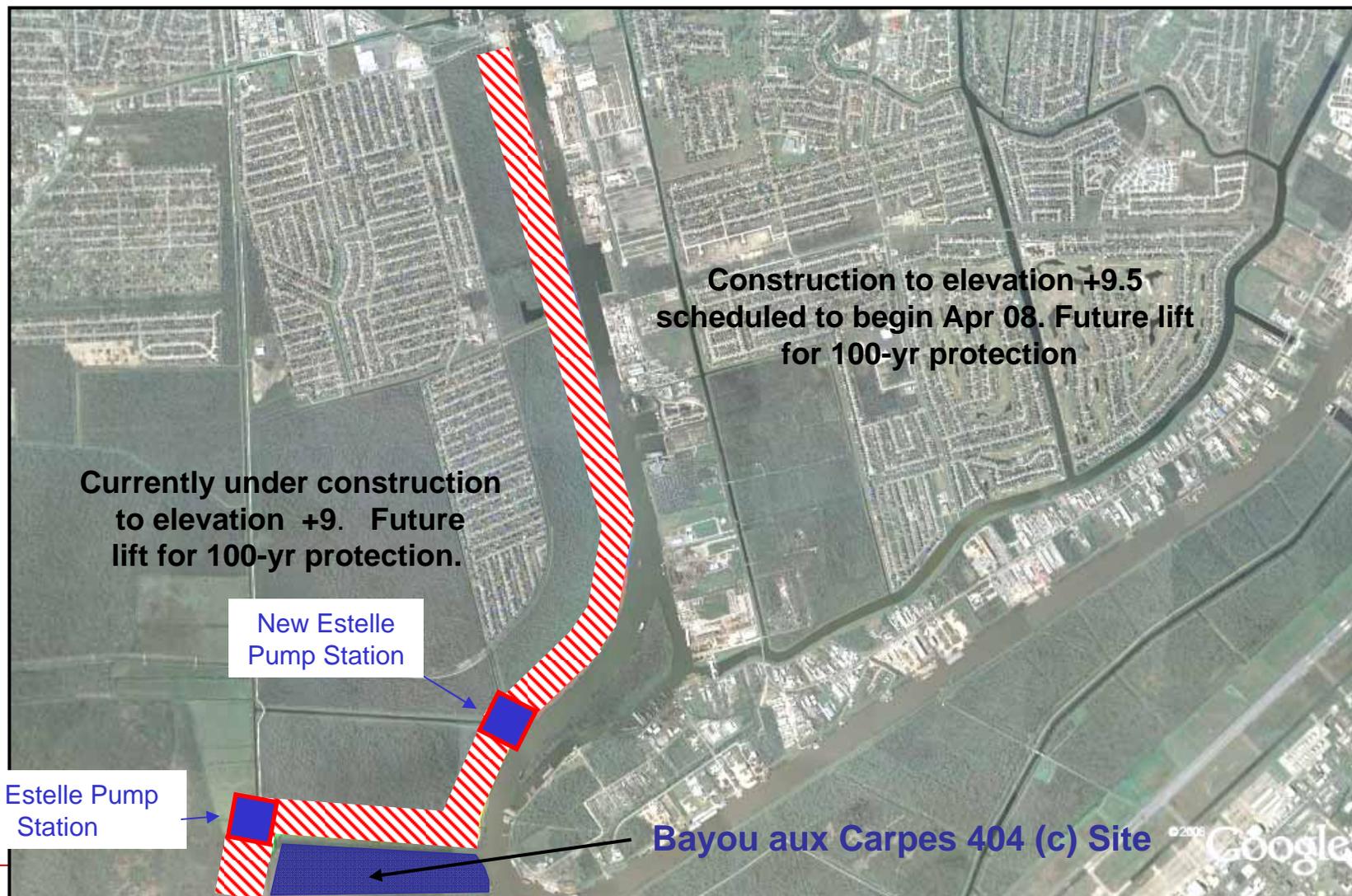
Alternatives Considered: Levee Enlargement (straddle, landside or floodside shift) and floodwalls

**Tentatively selected plan for 100-yr protection: Earthen levee section (landside shift) to elevation +14. May require relocation of drainage canal, geotextile fabric and/or soil mixing**



# Levees West of Harvey Canal (IER 12)

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





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# Borrow

## All Sites Investigated

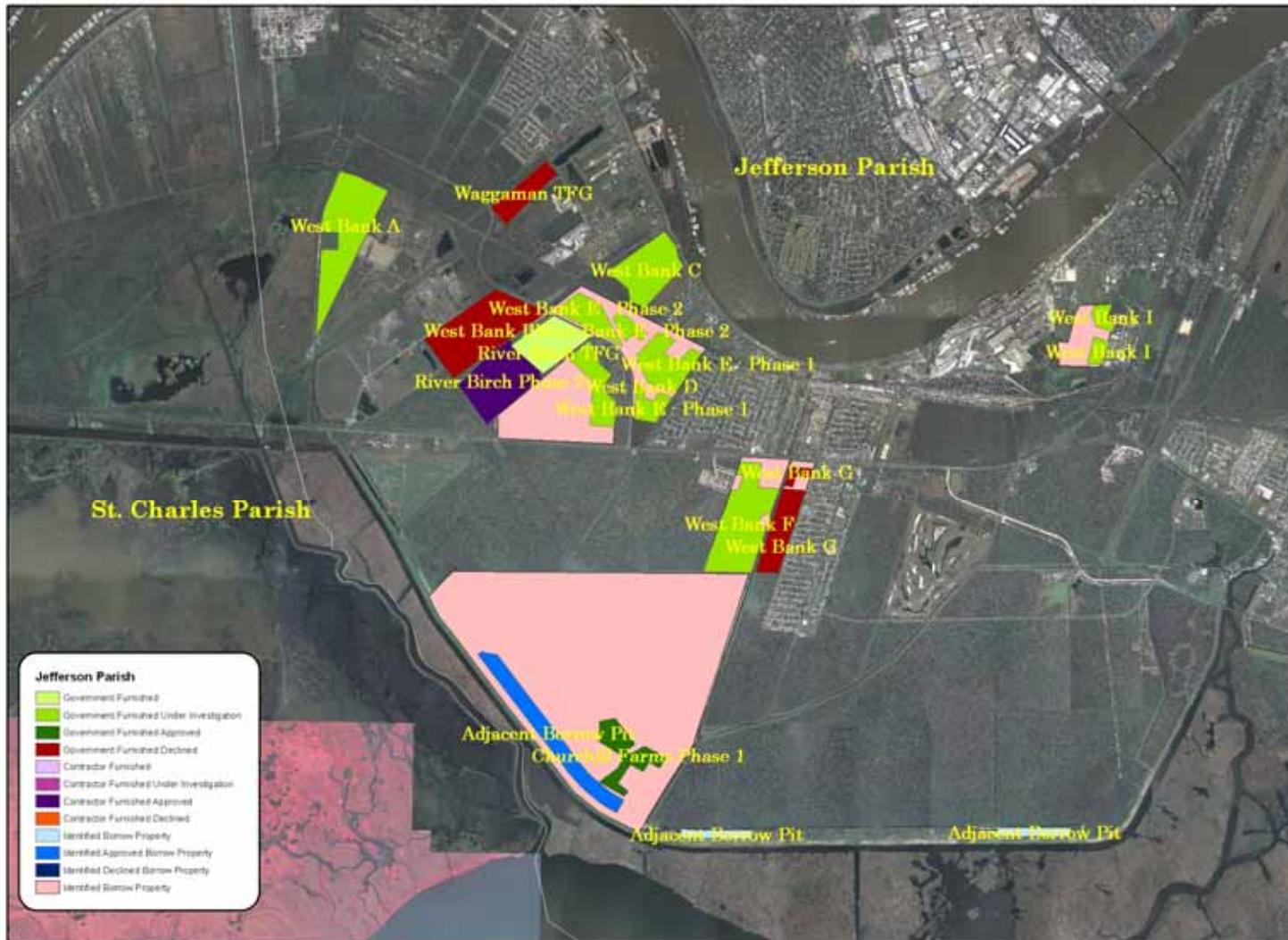


9 MARCH 2008



# Borrow

## Westbank Jefferson Parish





# IERs Currently Available for Public Review

## **IER 23 – Contractor Furnished Borrow Material, #3**

- Released for Public Review and Comment: March 24, 2008
- Public Comment Period closes: April 23, 2008

**\*\* copies available at [www.nolaenvironmental.gov](http://www.nolaenvironmental.gov) or by contacting the Corps.**



# Opportunities for Public Input

- Monthly 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)**

**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 23 DRAFT** Public Comment Period: Mar 24, 2008 - Apr 23, 2008

The Decision Record for **IER 11** has been signed by the District Commander: [Final IER 11 \(News Release\)](#)

**IERs 14 and 15** Section 404 (wetland impacts) Public Comment Period: Mar 10, 2008 - Apr 14, 2008

[IER 14 Section 404 Public Notice](#)

[IER 15 Section 404 Public Notice](#)

[IER 14 Location Map](#)

[IER 15 Location Map](#)

(Draft IERs 14 and 15 not available yet, but coming soon...)

# 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

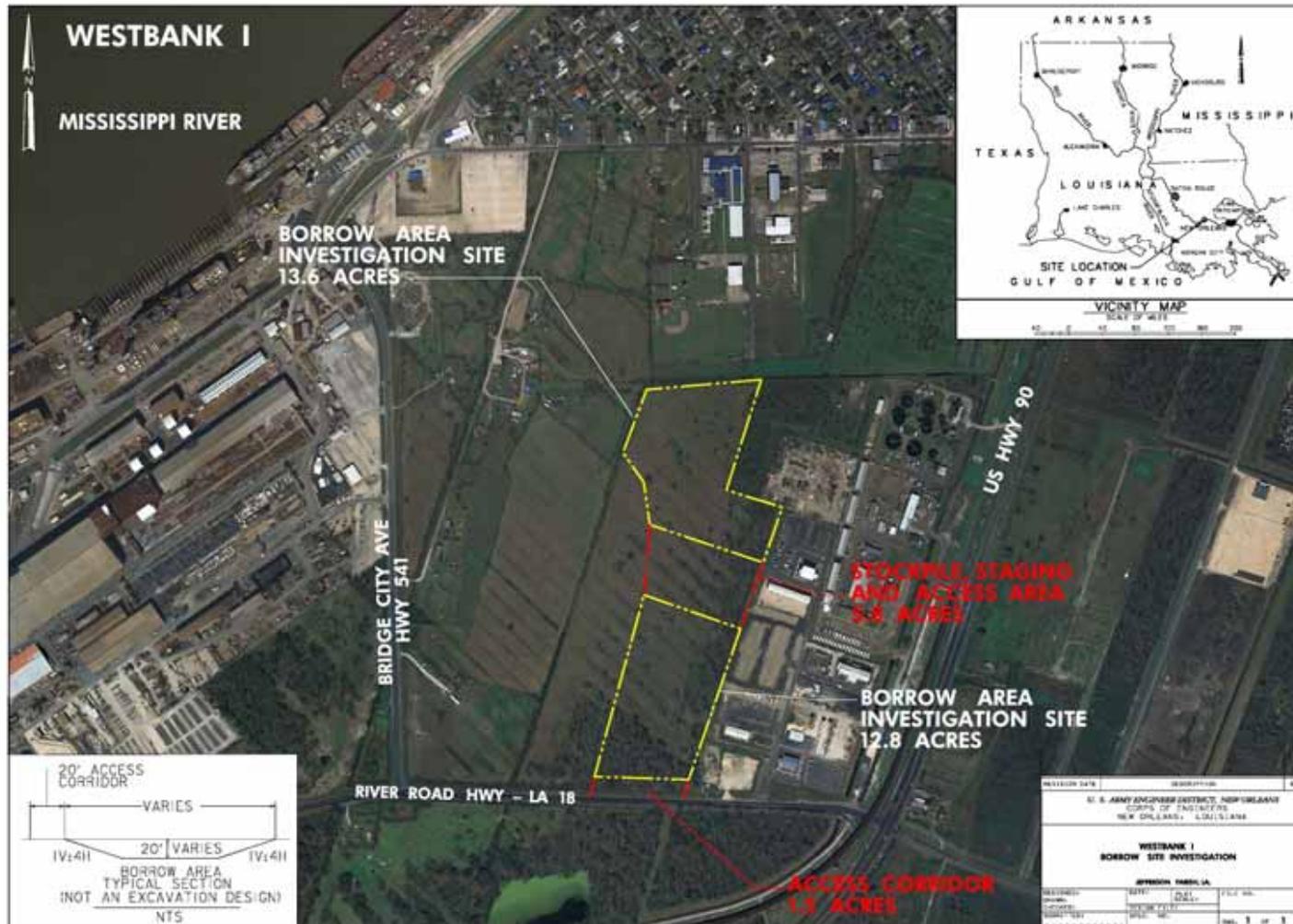
**Gib Owen**  
Hurricane Protection System  
Environmental Coordinator





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# Borrow Westbank I



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