



U.S. ARMY CORPS OF ENGINEERS

NEW ORLEANS
DISTRICT

SERVING THE ARMY...SERVING THE NATION



PROJECTS

MEETINGS

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TECH AREA

GET INVOLVED

RELATED LINKS

Environmental Processes and NEPA Compliance

What is NEPA?

FEATURED PROJECT



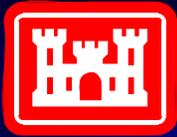
USACE-MVN Emergency Alternative Arrangements
West Bank & Vicinity & Lake Pontchartrain & Vicinity
Hurricane Protection Projects

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.

The U.S. Army Corps of Engineers implemented alternative arrangements on March 13, 2007 as authorized by the **National Environmental Policy Act**. These arrangements were implemented to expedite the completion of environmental compliance for the proposed 100-year Hurricane Protection Project authorized by the Administration and Congress for the New Orleans Metropolitan area. ([Learn More](#))

[USACE Alternative Arrangements NEPA Process](#)

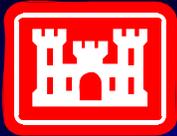
[USACE Alternative Arrangements NEPA Process Appendix](#)



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Individual Environmental Reports Process

- Prepare Individual Environmental Reports (IER) in support of federal environmental laws
- Monthly interagency meetings:
 - U.S. Fish and Wildlife Service
 - National Marine Fisheries Service
 - Environmental Protection Agency
 - National Park Service
 - La Department of Wildlife and Fisheries
 - La Department of Natural Resources
 - La Department of Environmental Quality



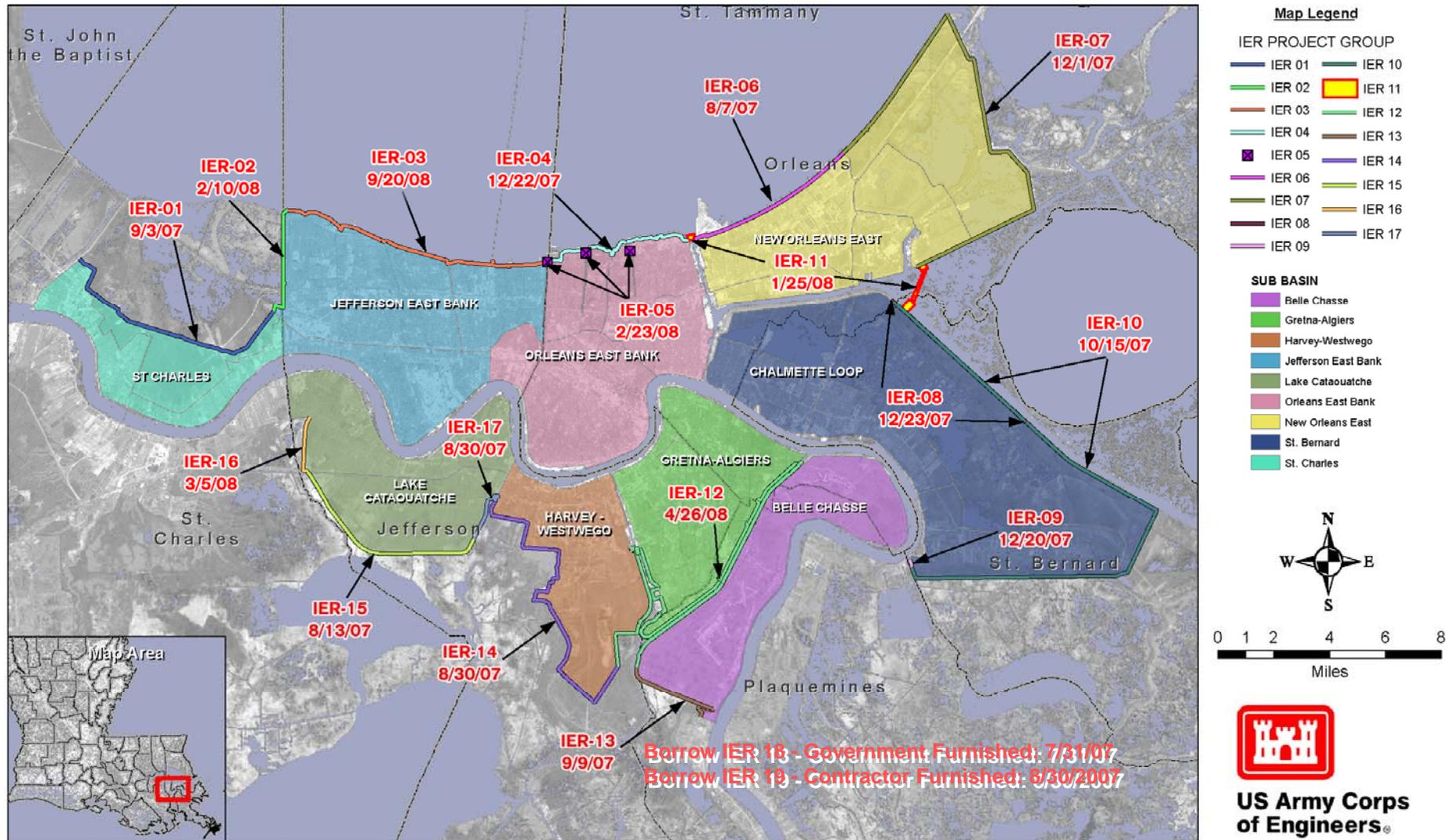
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Individual Environmental Reports Process, continued

- Conduct cultural resources surveys to locate, identify, and assess historic sites and structures
- Conduct Hazardous, Toxic and Radioactive Waste (HTRW) Phase I Environmental Site Assessments
- Provide for an Environmental Justice program

Tentative Public Comment Start Dates for Draft IERs

Sub Basins and Representative Project Groups



Hurricane Protection System Borrow

👉 Lake Pontchartrain & Vicinity Project

- **St. Charles Parish: 8,580,000 cy**
- **Plaquemines Parish: 8,688,000 cy**
- **Orleans Parish: 13,205,000 cy**
- **St. Bernard Parish: 30,344 cy**

👉 West Bank & Vicinity Project

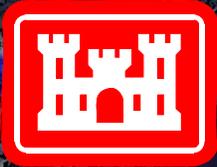
- **Jefferson Parish: 19,742,000 cy**
- **Plaquemines Parish: 8,688,000 cy**

👉 Other Projects

- **New Orleans to Venice, Larose to Golden Meadow, Grand Isle non-Federal, Plaquemines Parish non-Federal - 52,287,000 cy**



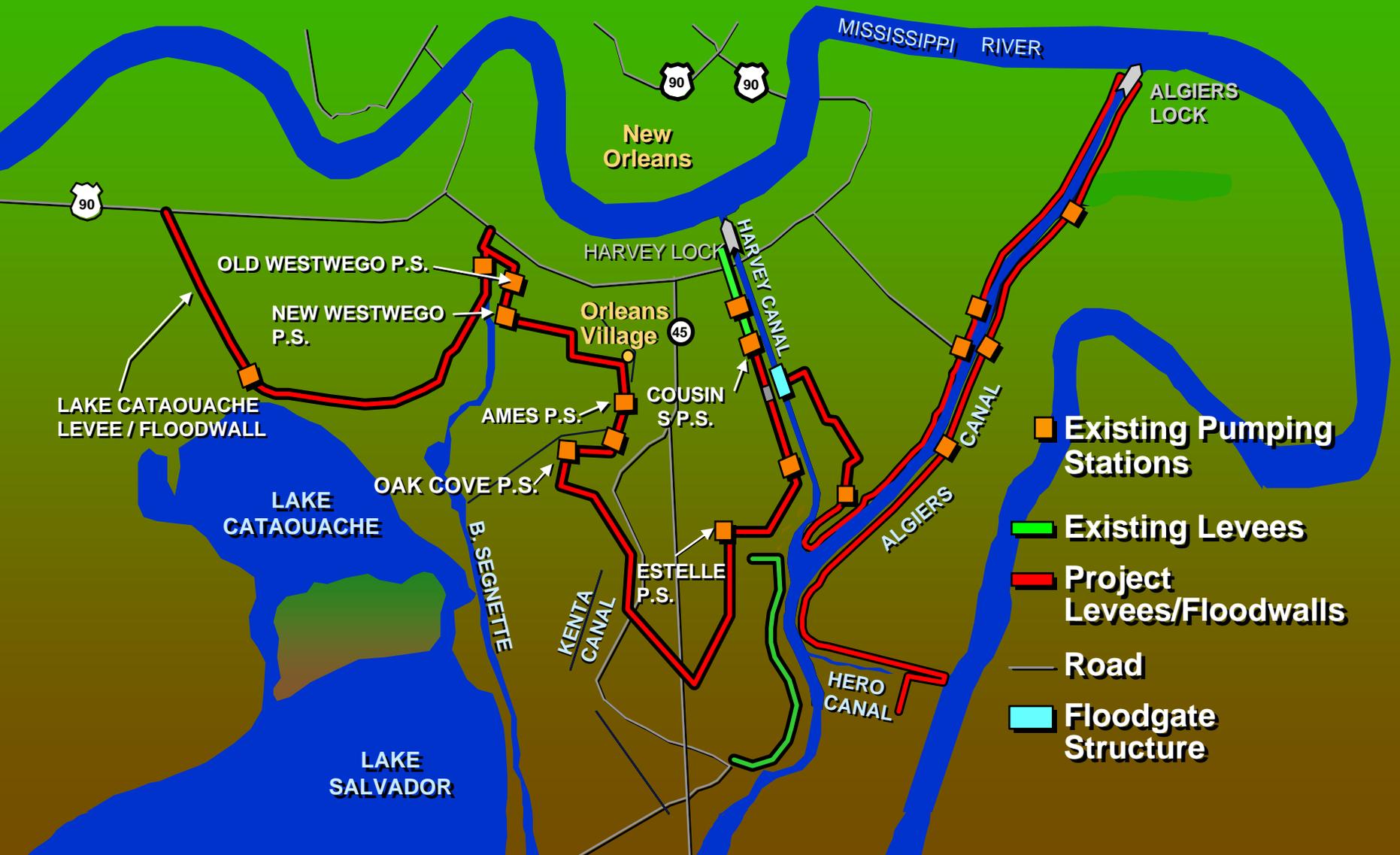
Current estimated quantity of clay material needed: 142 million cubic yards



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***West Bank & Vicinity,
New Orleans, LA,
Hurricane Protection Project***

West Bank & Vicinity, New Orleans, La. Hurricane Protection Project



Lake Cataouatche Area On-Going Construction



👉 **Raise about 3 miles of levee from elevation +6 to +11**

👉 **Estimated completion: January 2008**

👉 **Upon completion, levee will be raised to the 100 year level of protection**



Lake Cataouatche Area Up-Coming Construction



☞ Raising about four miles of levee from elevation +6 to +12

☞ Construction scheduled to begin: August 2007

☞ Estimated completion: April 2009

☞ Upon completion the levee will be raised to 100 year level of protection

Company Canal Floodwalls

Existing Floodwalls 
Existing Levee 

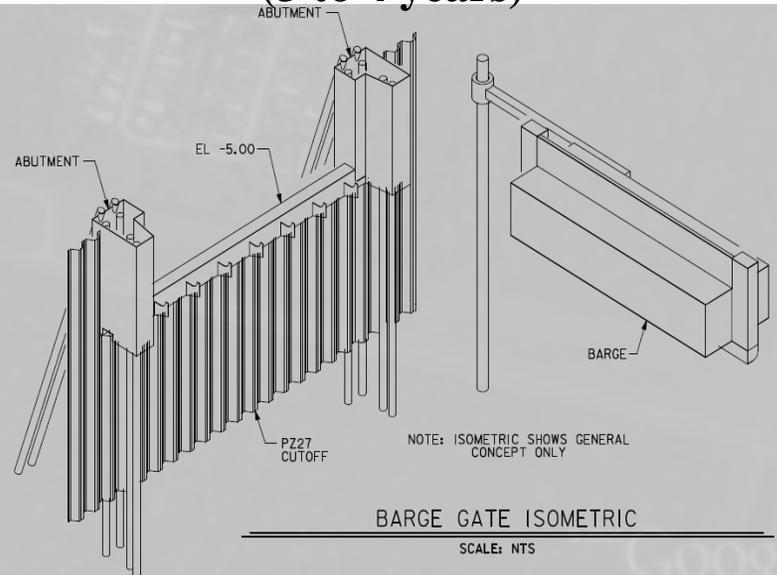
Segnette
Pump
Station

Old Westwego
Pump Station

New Westwego
Pump Station



Interim Closure with Barge Gate (3 to 4 years)



Westwego to Harvey Area Up-Coming Construction



- 👉 **Beginning late summer 2007, levees will be raised to elevation +10 to +12**
- 👉 **Additional levee construction to the 100 year level of protection will follow**

Lapalco Blvd

Harvey Canal Floodgate



Harvey Canal Floodwalls

5 Task Orders under one Construction Contractor

Reach 1 Lapalco to Boomtown

Reach 2a Boomtown

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

Reach 3a Hero Pump Station

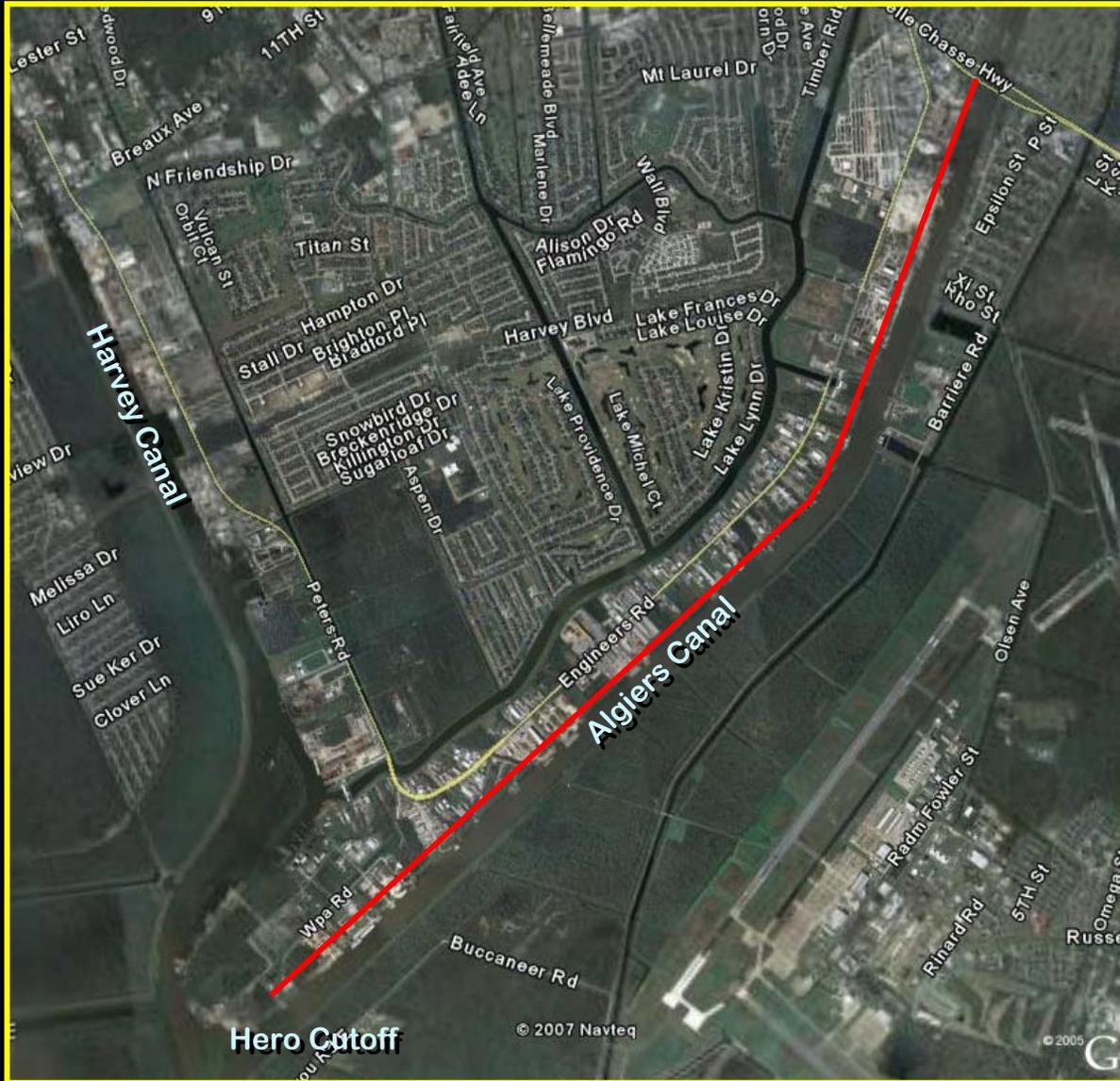
Reach 3b Hero Pump Station to Algiers Canal



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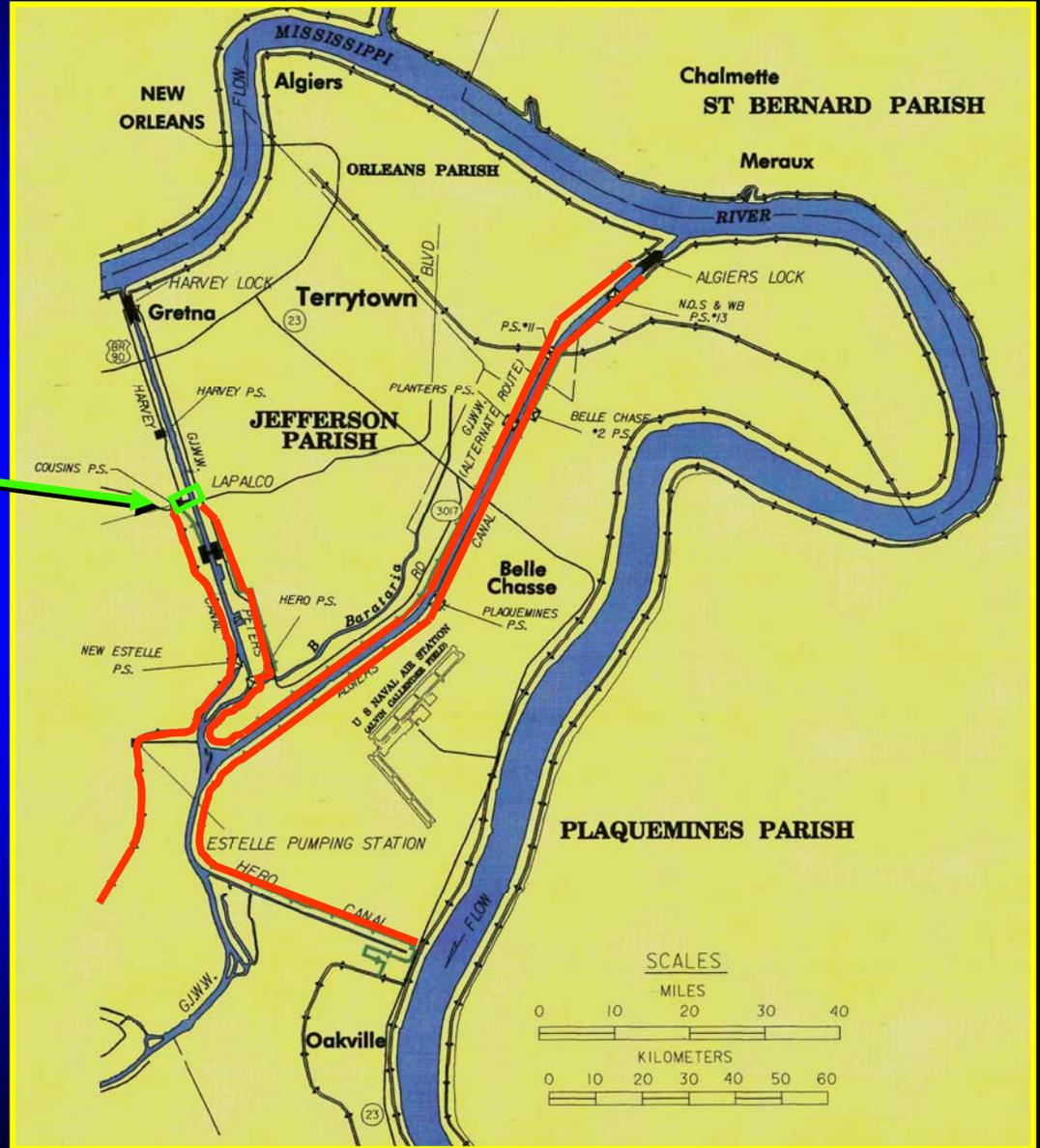
Algiers Canal Levee Up-Coming Construction



- ☞ **Raise existing levee along the west bank of the Algiers Canal from Hero Cutoff to Belle Chasse Hwy.**
- ☞ **Beginning late summer 2007, levees will be raised to elevation + 10.**
- ☞ **Additional levee construction to the 100 year level of protection will follow.**

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

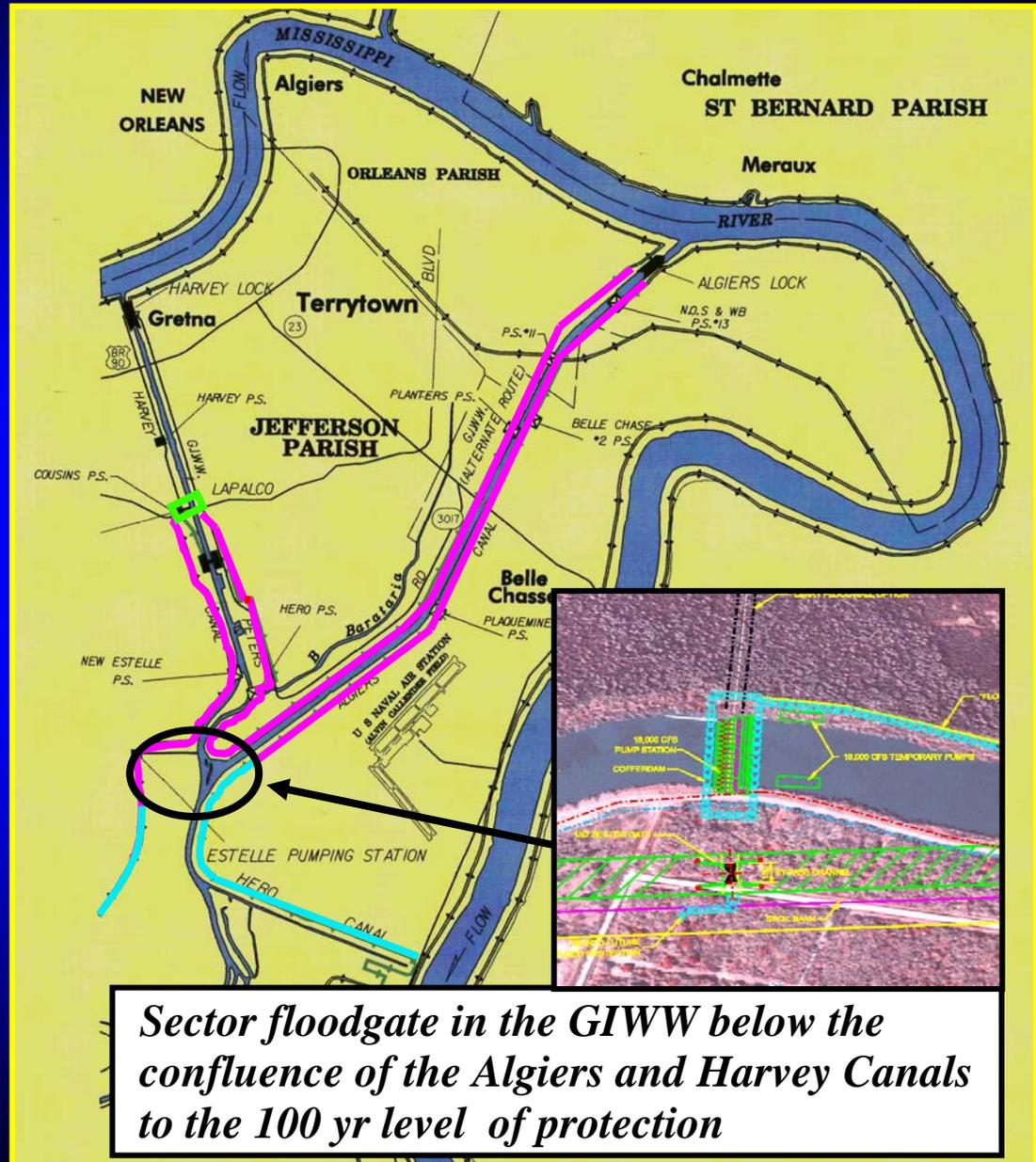
Algiers and Harvey Canal Area

100-Yr Protection

Alternative:

Floodgate on GIWW

-  Lapalco Floodgate and Cousins PS Discharge Channel Walls at previously authorized level of protection
-  Levees and Floodwalls to the previously authorized level of protection or greater
-  Levees and Floodwalls to the 100 yr level of protection



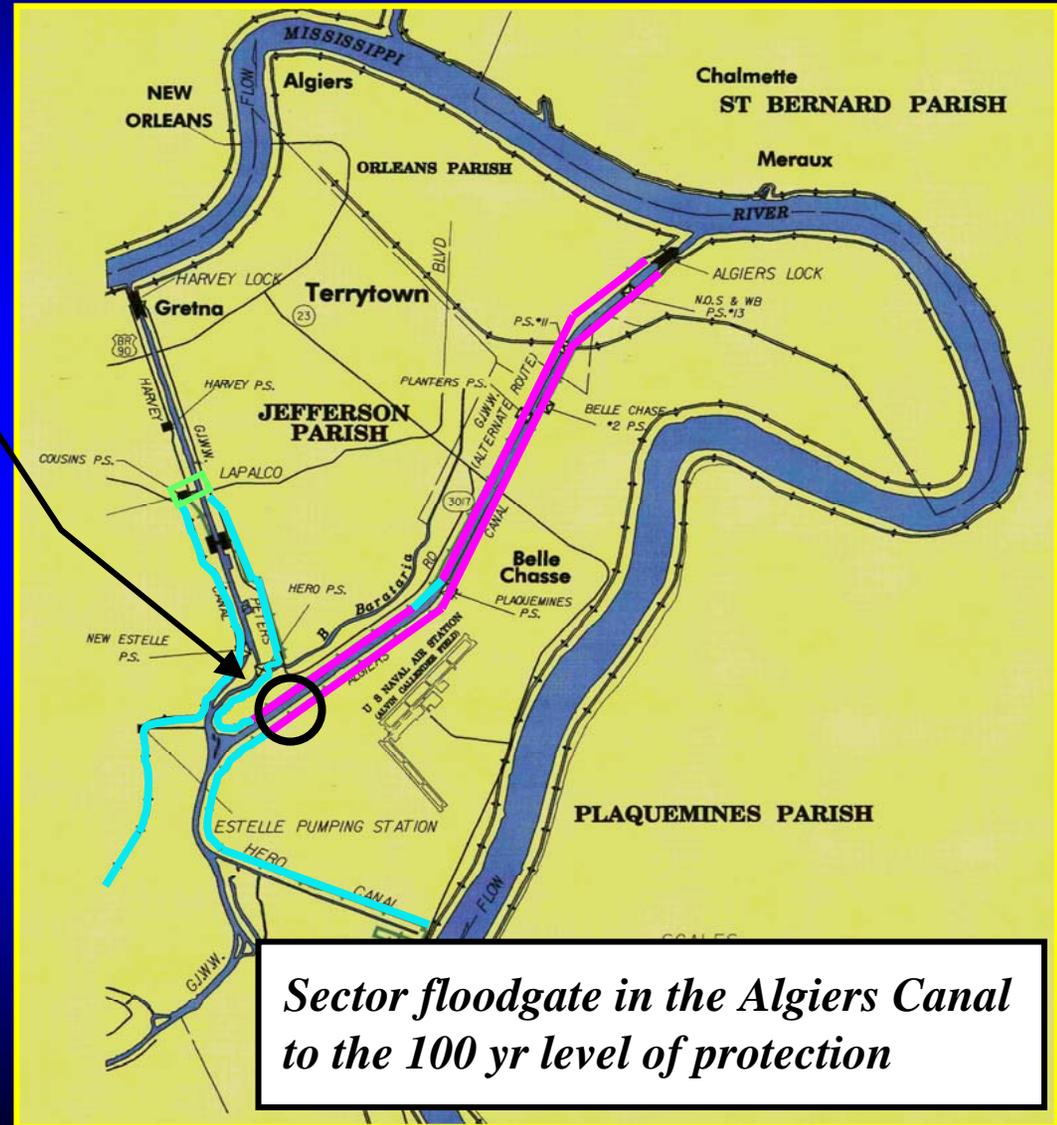
Algiers and Harvey Canal Area, 100-Yr Protection Alternative: Floodgate on Algiers Canal



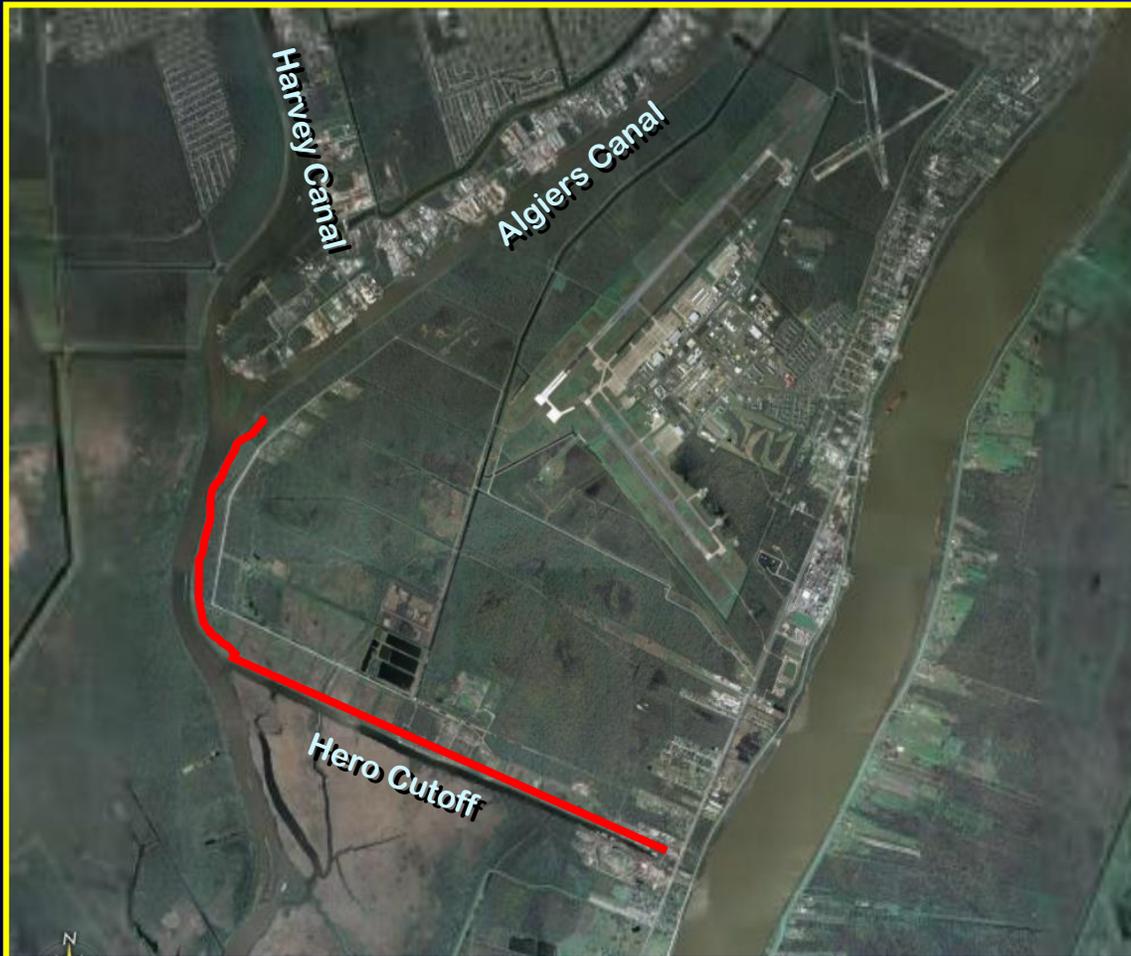
 Lapalco Floodgate and Cousins PS Discharge Channel Walls (raised to provide 100 yr level of protection)

 Levees and Floodwalls to the previously authorized level of protection

 Levees and Floodwalls to the 100 yr level of protection

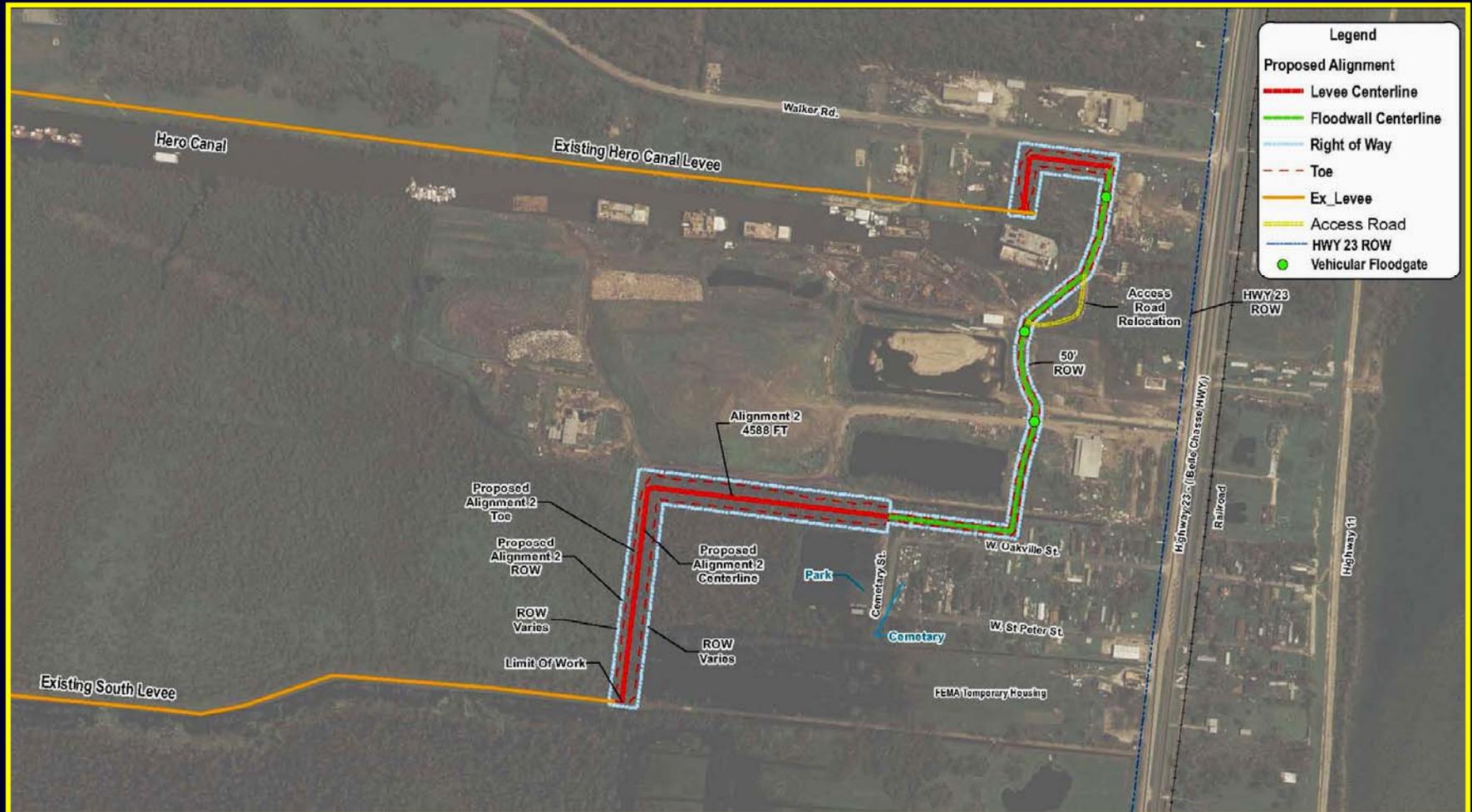


Hero Canal Levee Future Construction



- ☞ **Raise existing levee to the 100-year level of protection.**
- ☞ **Contract award scheduled for early 2008**

Hero to Oakville (eastern tie-in) Levee Future Construction



- 👉 Raise existing local levees to the 100-yr level of protection.
- 👉 Contract award scheduled for Summer 2008



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Discussion