

100 Year Hurricane Protection Projects Lake Pontchartrain and Vicinity West Bank and Vicinity

Project Status Meeting

Environmental Compliance

Project Management

June 5, 2007 - 7:00 – 9:00 pm

Holy Cross College, Moreau Center

4123 Woodland Drive

New Orleans, Louisiana





PROJECTS

MEETINGS

LIBRARY

DATA VIEWER

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](#)

Prepare Individual Environmental Reports (IER) in support of National Environmental Policy Act, (NEPA), Clean Water Act, Endangered Species Act, and other environmental laws.

Meet monthly with Interagency resource team: 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, and La Department of Environmental Quality.

Meet monthly with stakeholders.

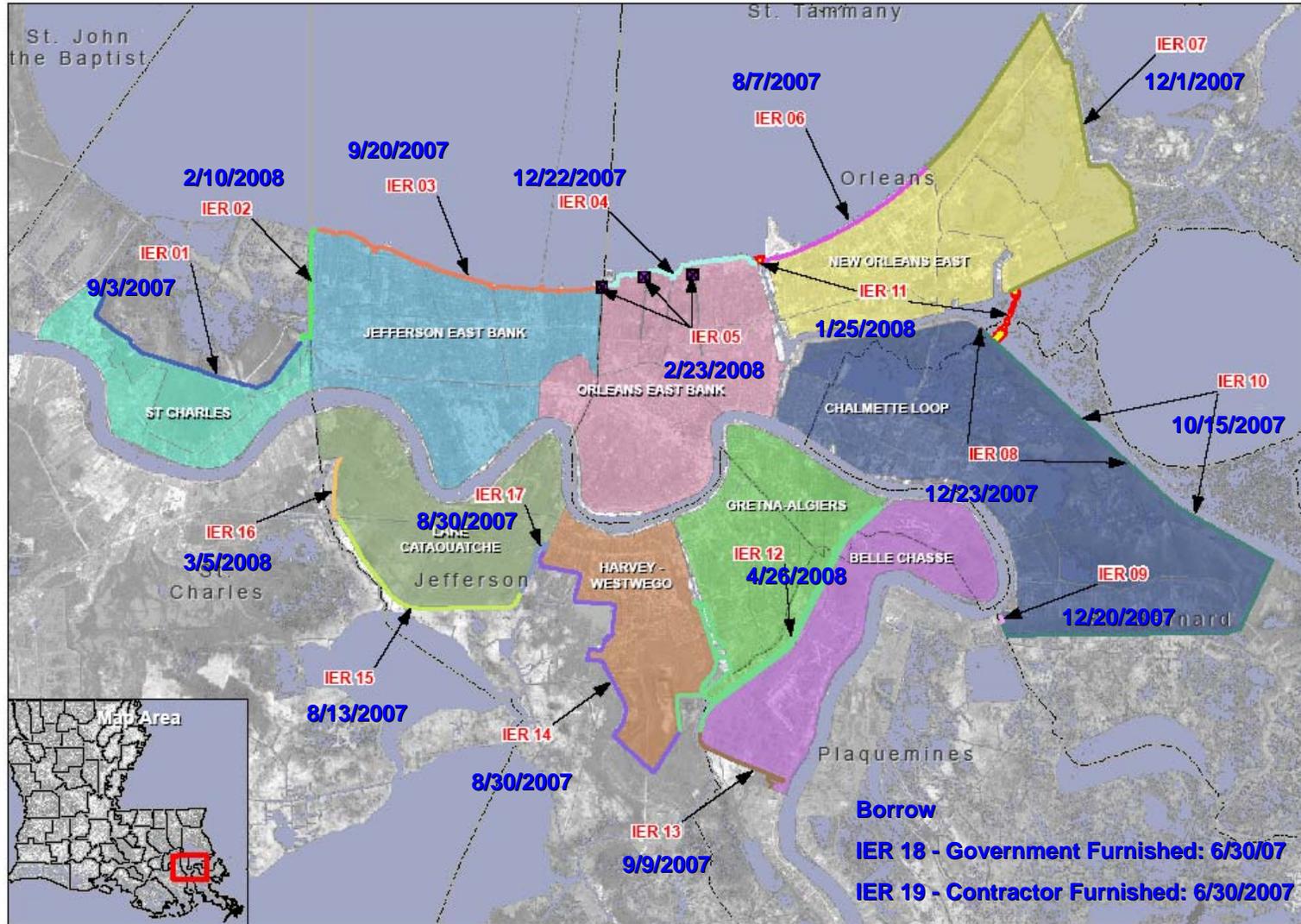
Conduct cultural resources surveys to locate, identify, and assess historic standing structures, shipwrecks, prehistoric and historic archeological sites along the project corridors.

Conduct HTRW Phase I Environmental Site Assessments in accordance with ASTM standards along the project corridors.

Provide for a New Orleans Area Hurricane Protection System Environmental Justice program with community involvement, education, and conducting socioeconomic research in compliance with Executive Order 12898.

Tentative Start of Public Review Period for Draft IERs

Sub Basins and Representative Project Groups



Map Legend

IER PROJECT GROUP

IER 01	IER 10
IER 02	IER 11
IER 03	IER 12
IER 04	IER 13
IER 05	IER 14
IER 06	IER 15
IER 07	IER 16
IER 08	IER 17
IER 09	

SUB BASIN

- Belle Chasse
- Gretna-Algiers
- Harvey-Westwego
- Jefferson East Bank
- Lake Cataouatche
- Orleans East Bank
- New Orleans East
- St. Bernard
- St. Charles

0 1 2 4 6 8
Miles



BORROW TEAM ACQUISITION PLAN



Estimated Borrow Needs: 142 Million Cubic Yards



U.S. ARMY CORPS
OF ENGINEERS,
NEW ORLEANS DISTRICT
HPO, PRO and Borrows Offices

LEGEND

- Borrows (Property Polygons)**
 - Government Furnished All
 - Contractor Furnished All
- Borrows (Point Locations)**
 - Government Furnished All
 - Contractor Furnished All
- Parish Boundary

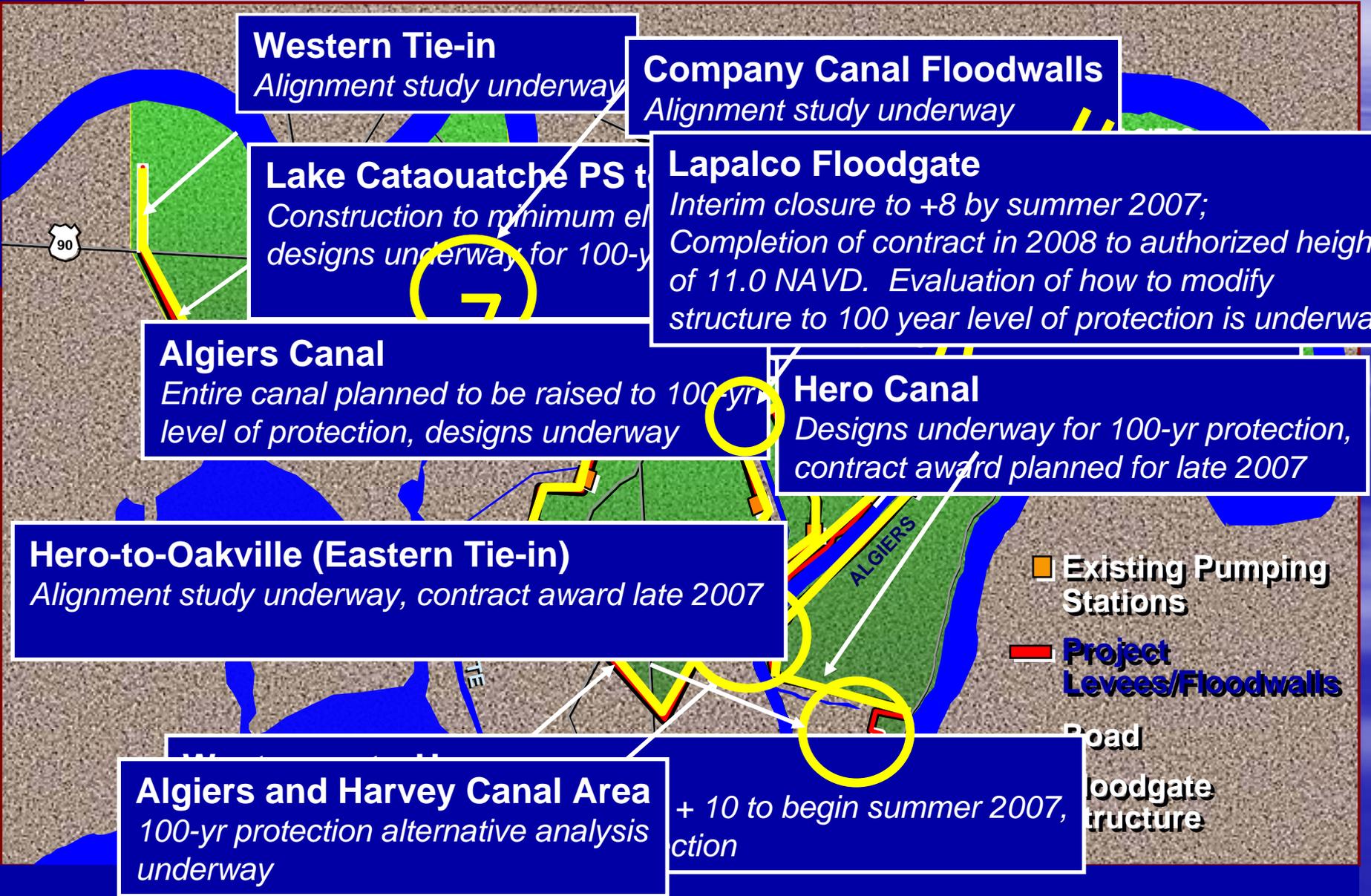


IMAGERY
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Original coordinate system name: GCS_North_American_1983
Resolution: 1.000000 meter

3/28/09/07

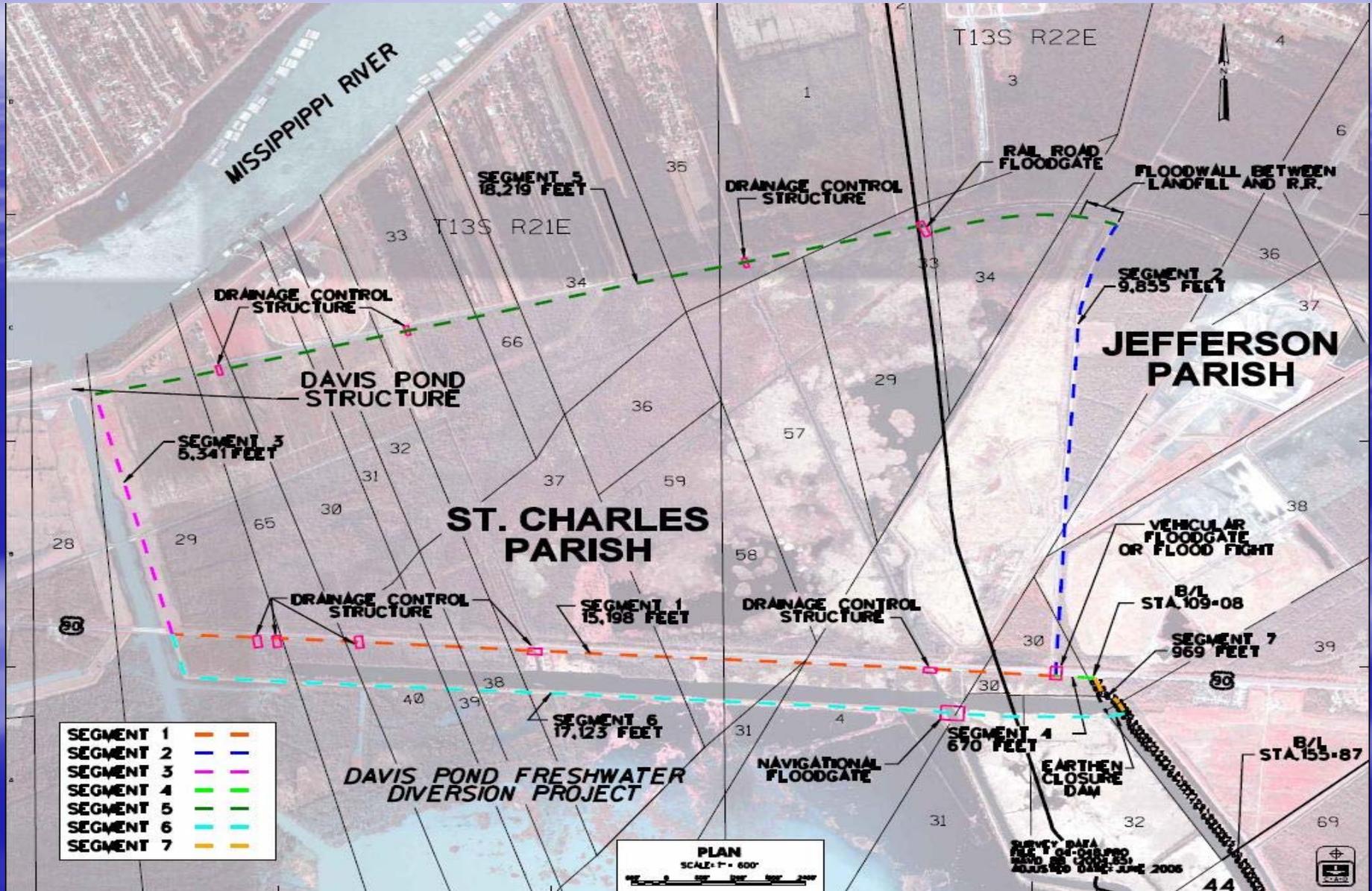
Borrow Site Extents

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



Western Tie In Alignment Study

Alignment Study



Existing Levee

Existing Floodwalls

Interim Closure with Barge Gate (3 to 4 years)

Segnette Pump Station

Old Westwego Pump Station

Permanent Sector Gate with Earthen Closure

Existing Floodwalls

Existing Floodwalls

COMPANY CANAL FLOODWALLS

Interim Closure/Barge Gate to provide authorized level of protection.

Permanent Sector Gate, Pump Station with Earthen Closure

Studying a Permanent Sector Gate in three location to provide 100 year protection instead of replacing floodwalls.

New Westwego Pump Station



Pointer 29°53'41.75" N 90°09'16.26" W elev 0 ft Street

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

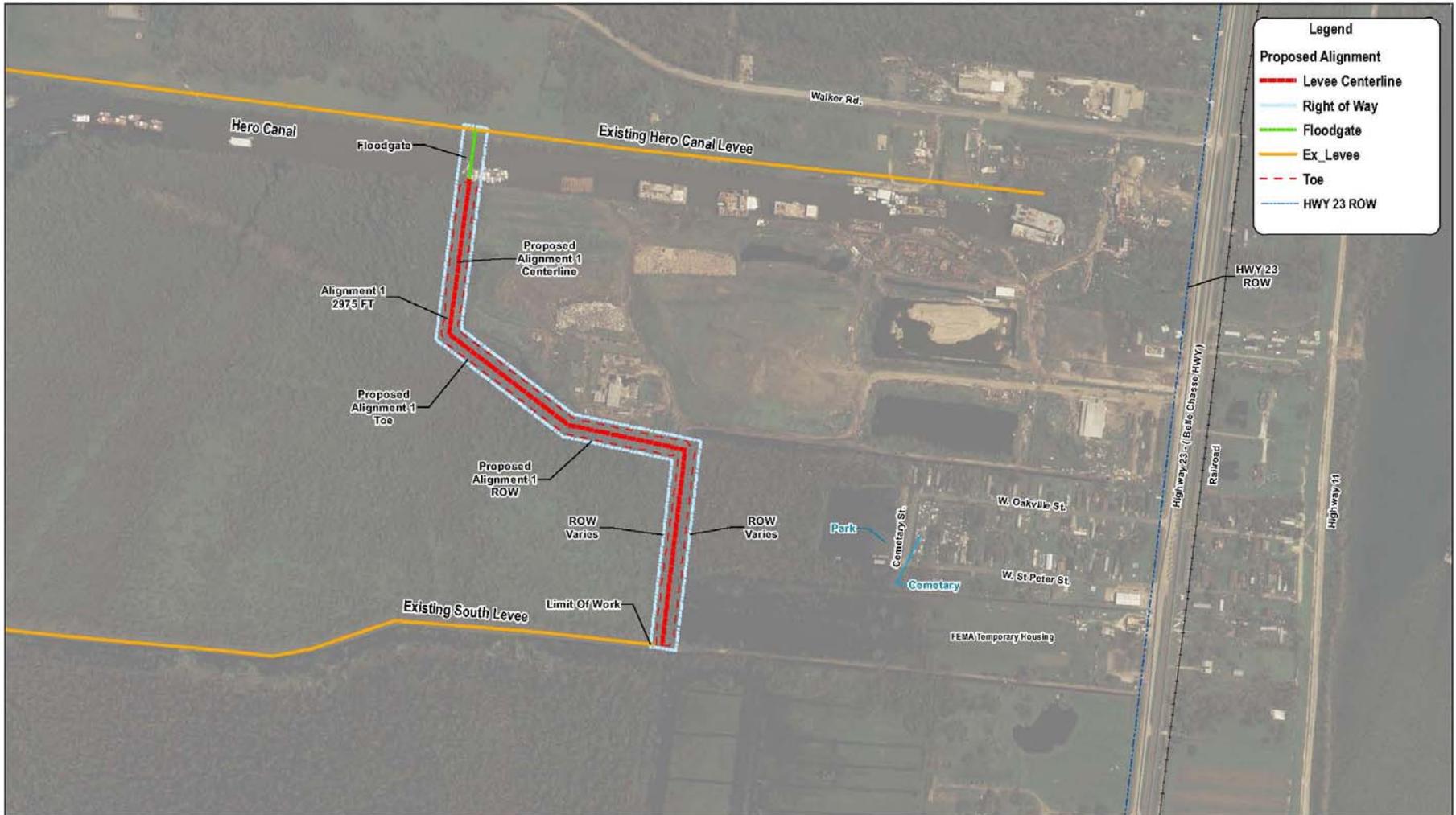


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Hero Canal to Oakville Levees and Floodwalls

Proposed Alignment 1



HNTB



Hero Canal Levees and Floodwalls
 Hero Canal to Oakville
 Reach - 1st Lift
 Plaquemines Parish, Louisiana

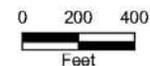
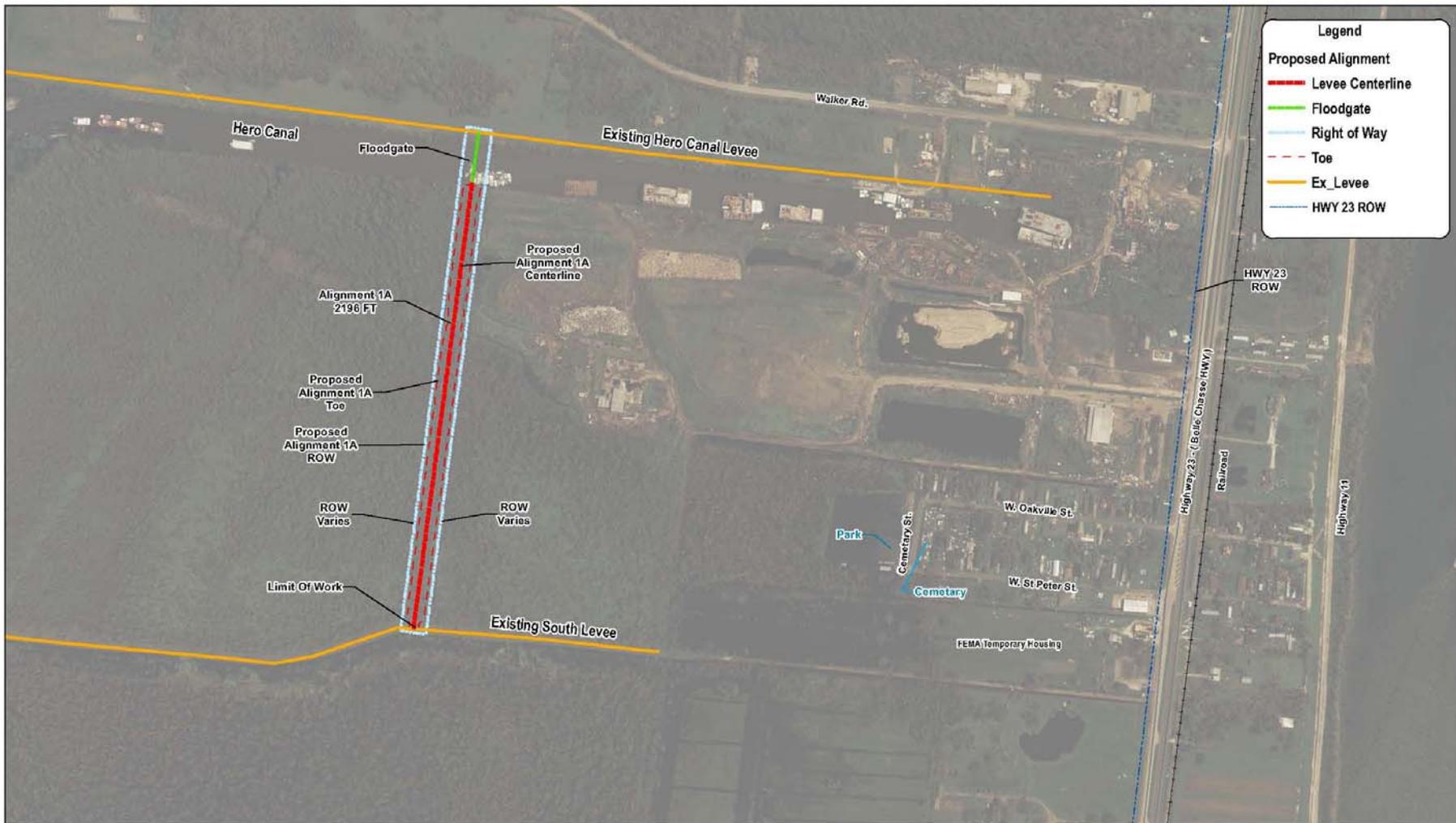


EXHIBIT A
 PROPOSED ALIGNMENT 1
 JULY 2006

Hero Canal to Oakville Levees and Floodwalls

Proposed Alignment 1A



HNTB



Hero Canal Levees and Floodwalls
 Hero Canal to Oakville
 Reach - 1st Lift
 Plaquemines Parish, Louisiana

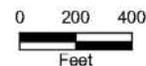
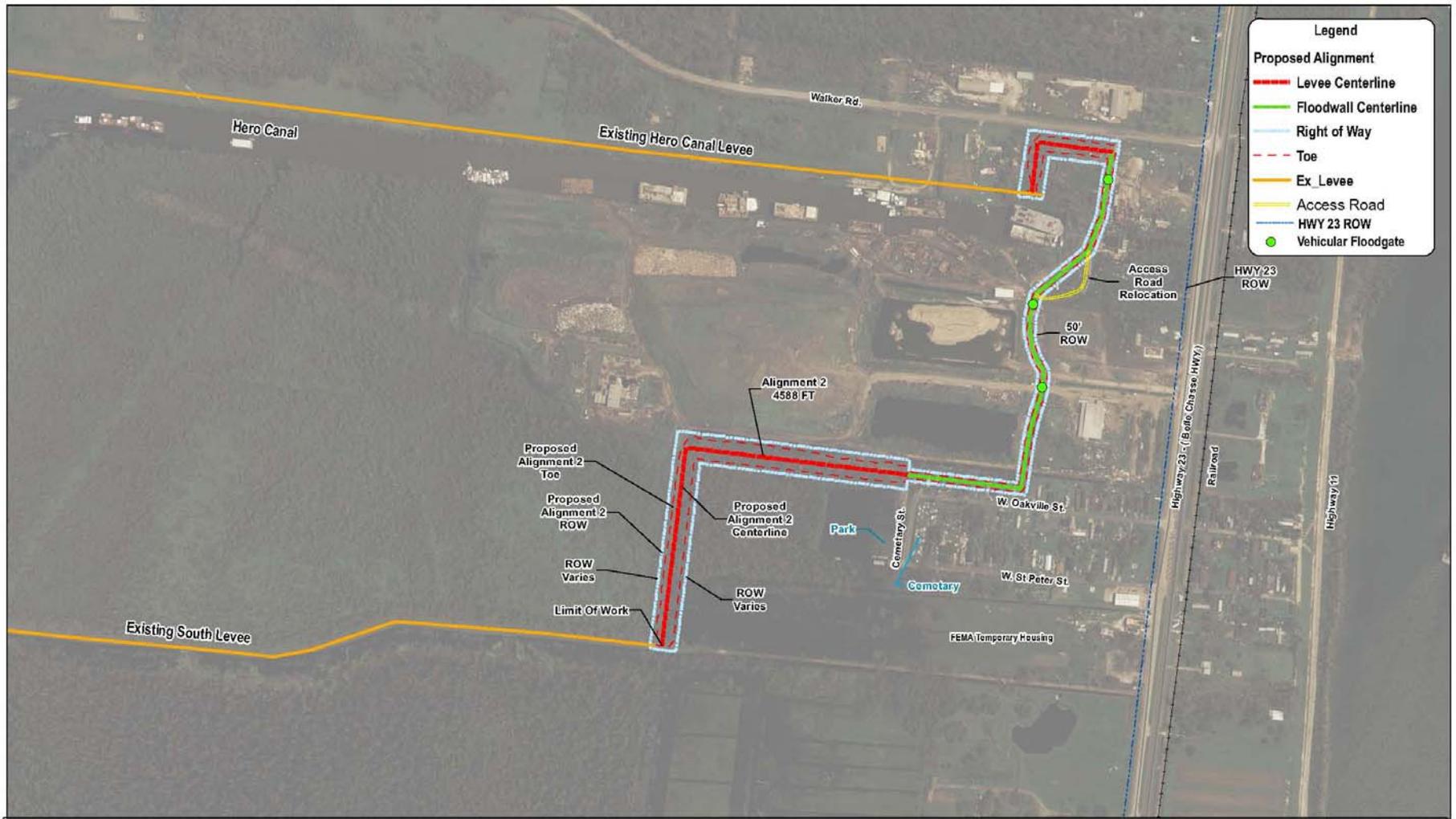


EXHIBIT B
PROPOSED ALIGNMENT 1A
JULY 2006

Hero Canal to Oakville Levees and Floodwalls

Proposed Alignment 2



HNTB



Hero Canal Levees and Floodwalls
 Hero Canal to Oakville
 Reach - 1st Lift
 Plaquemines Parish, Louisiana

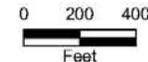


EXHIBIT C
PROPOSED ALIGNMENT 2
 JULY 2006

Hero Canal to Oakville Levees and Floodwalls

Proposed Alignment 3



HNTB



Hero Canal Levees and Floodwalls
 Hero Canal to Oakville
 Reach - 1st Lift
 Plaquemines Parish, Louisiana

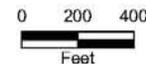
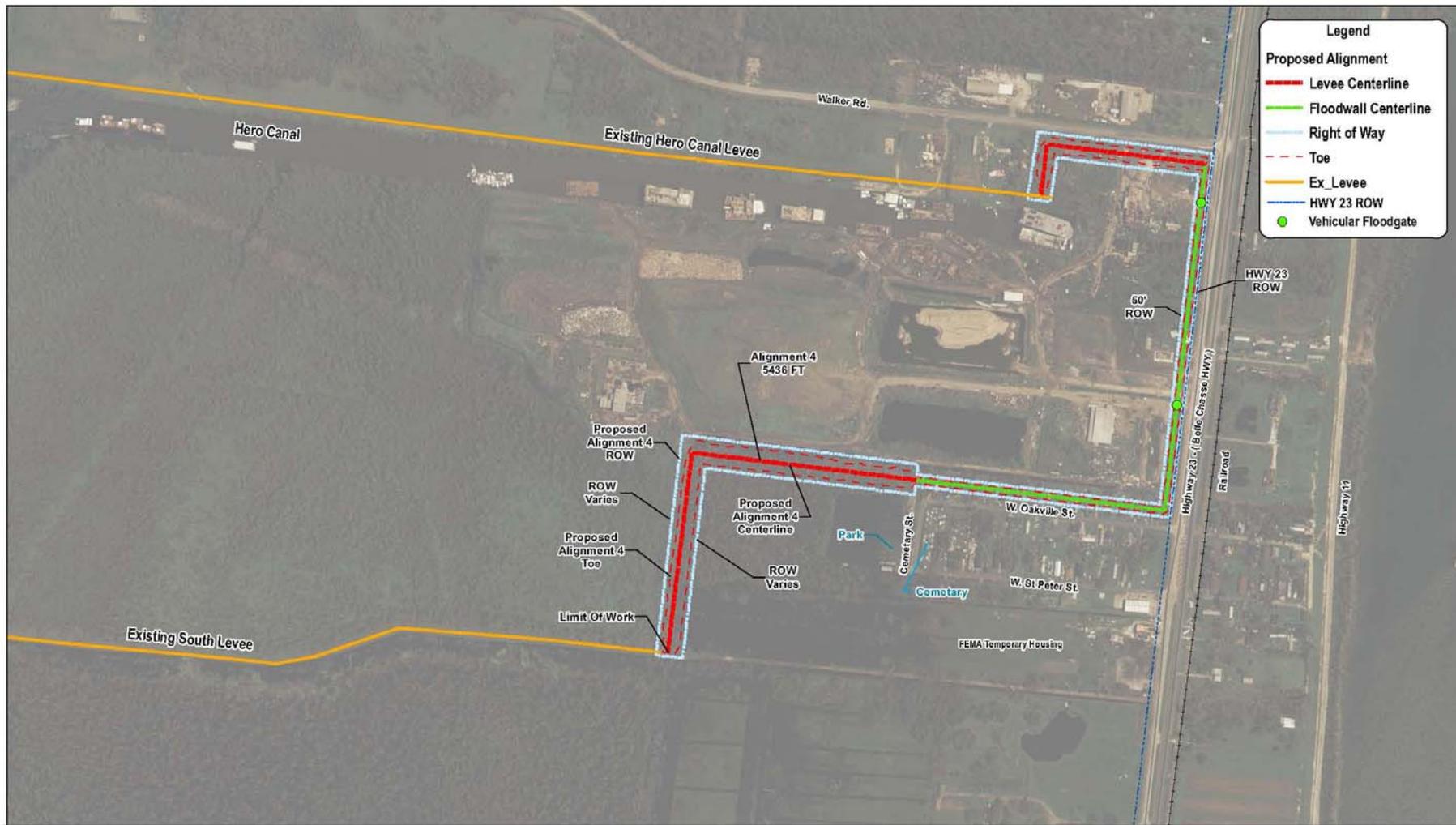


EXHIBIT D
 PROPOSED ALIGNMENT 3
 JULY 2006

Hero Canal to Oakville Levees and Floodwalls

Proposed Alignment 4



HNTB



Hero Canal Levees and Floodwalls
 Hero Canal to Oakville
 Reach - 1st Lift
 Plaquemines Parish, Louisiana

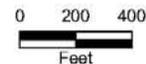


EXHIBIT E
PROPOSED ALIGNMENT 4
JULY 2006

Algiers and Harvey Canal Area – 100-Yr Protection

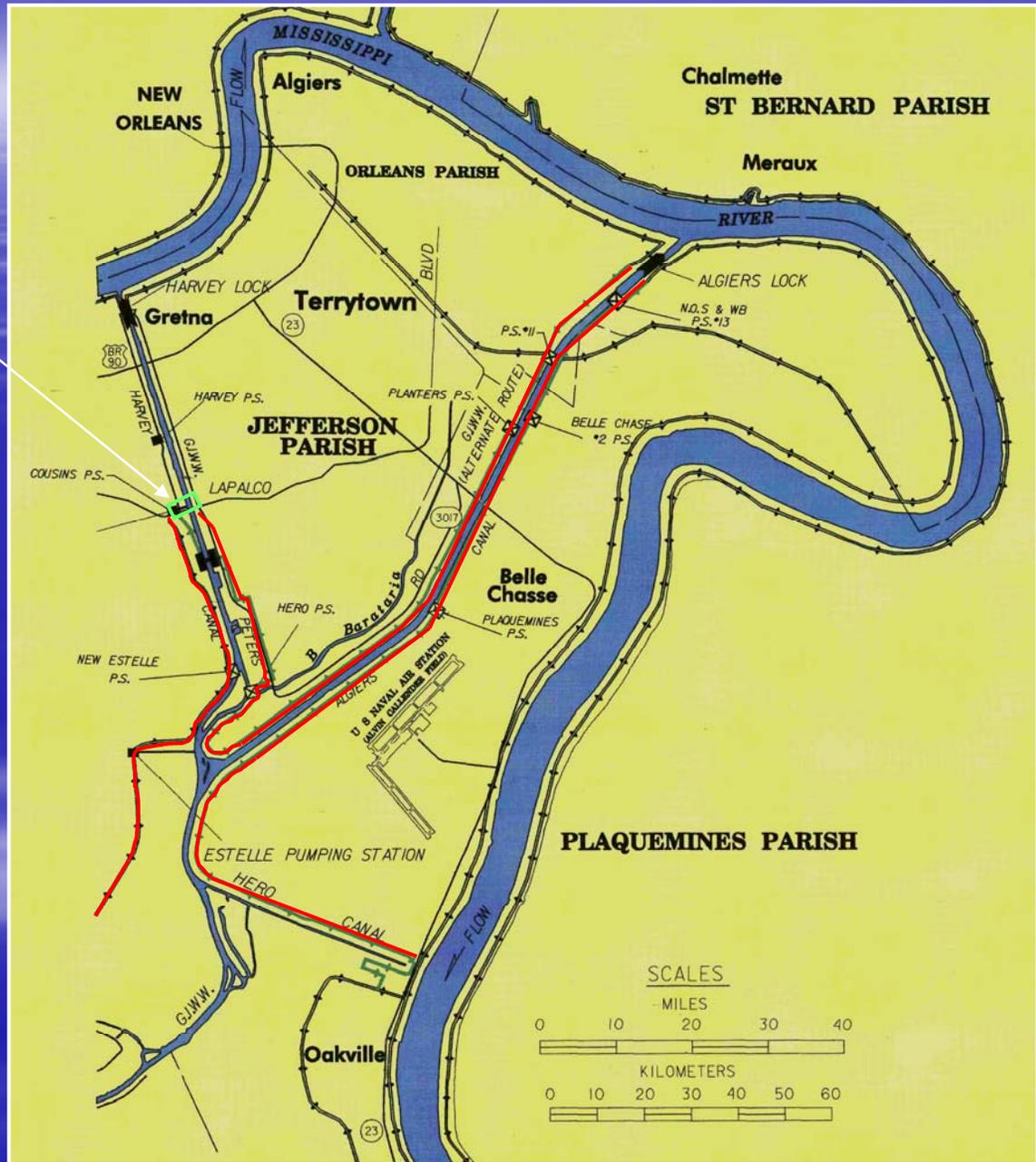
Parallel Protection



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

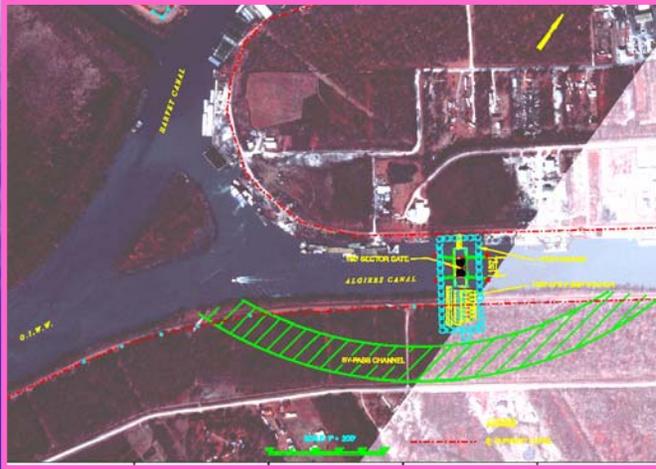


Levees and Floodwalls at elevation to provide 100 yr level of protection



Algiers and Harvey Canal Area – 100-Yr Protection

Sector 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

