



US Army Corps of Engineers
Team New Orleans



***Individual Environmental
Reports (IERs) 8, 9, & 10***

***Hurricane Storm Damage
Risk Reduction System***

St. Bernard Parish

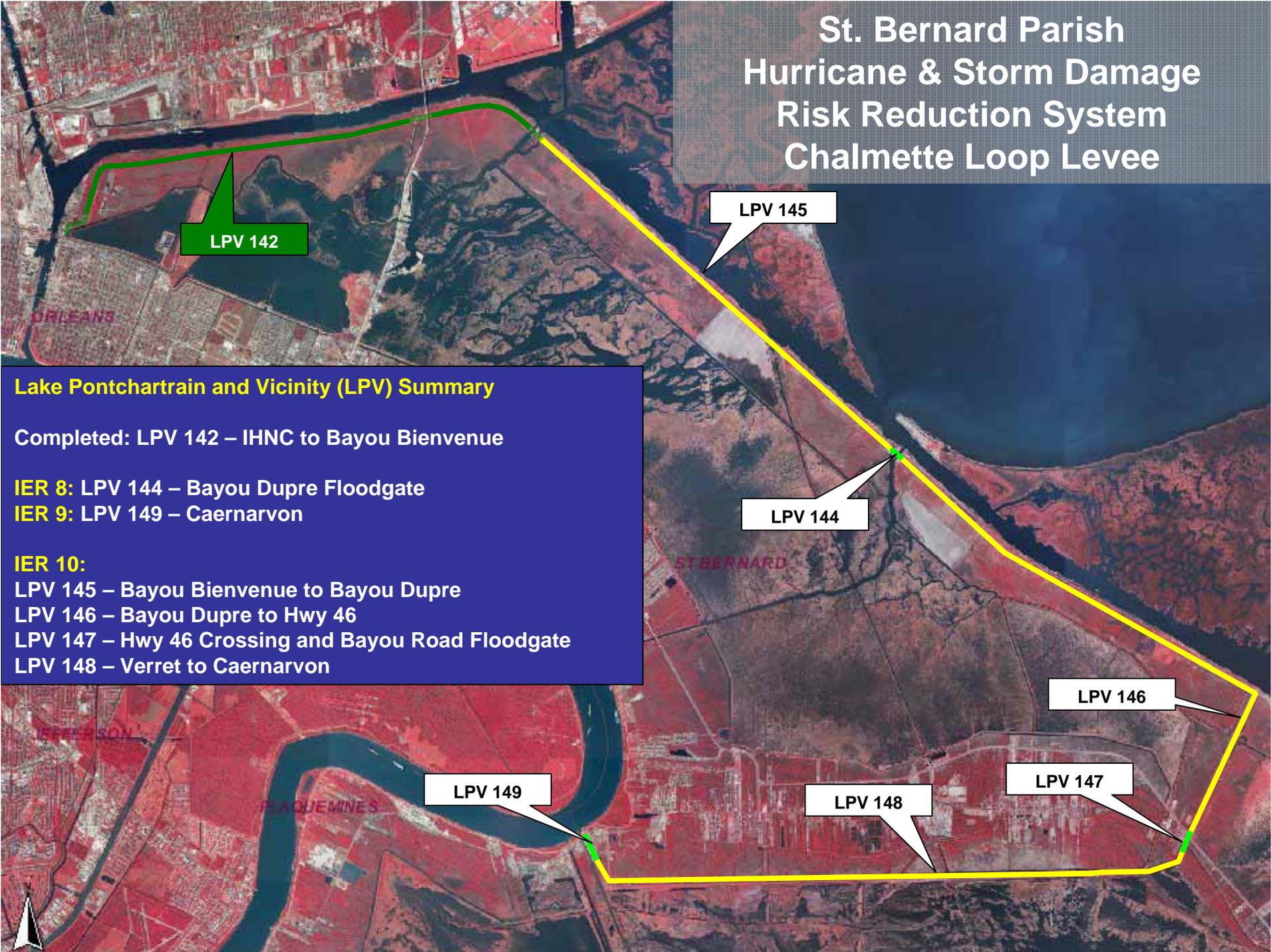
May 11, 2009



National Environmental Policy Act (NEPA)

- Required for all major Federal actions
- Analyze potential impacts to the human and natural environment and investigate reasonable alternatives
- Analyses documented in Individual Environmental Reports (IER)
- Public Involvement is KEY! We want to hear from you!
- Goal: more informed decision making through public involvement

St. Bernard Parish Hurricane & Storm Damage Risk Reduction System Chalmette Loop Levee



Lake Pontchartrain and Vicinity (LPV) Summary

Completed: LPV 142 – IHNC to Bayou Bienvenue

IER 8: LPV 144 – Bayou Dupre Floodgate

IER 9: LPV 149 – Caernarvon

IER 10:

LPV 145 – Bayou Bienvenue to Bayou Dupre

LPV 146 – Bayou Dupre to Hwy 46

LPV 147 – Hwy 46 Crossing and Bayou Road Floodgate

LPV 148 – Verret to Caernarvon



(IER 8) LPV 144: Bayou Dupre Floodgate

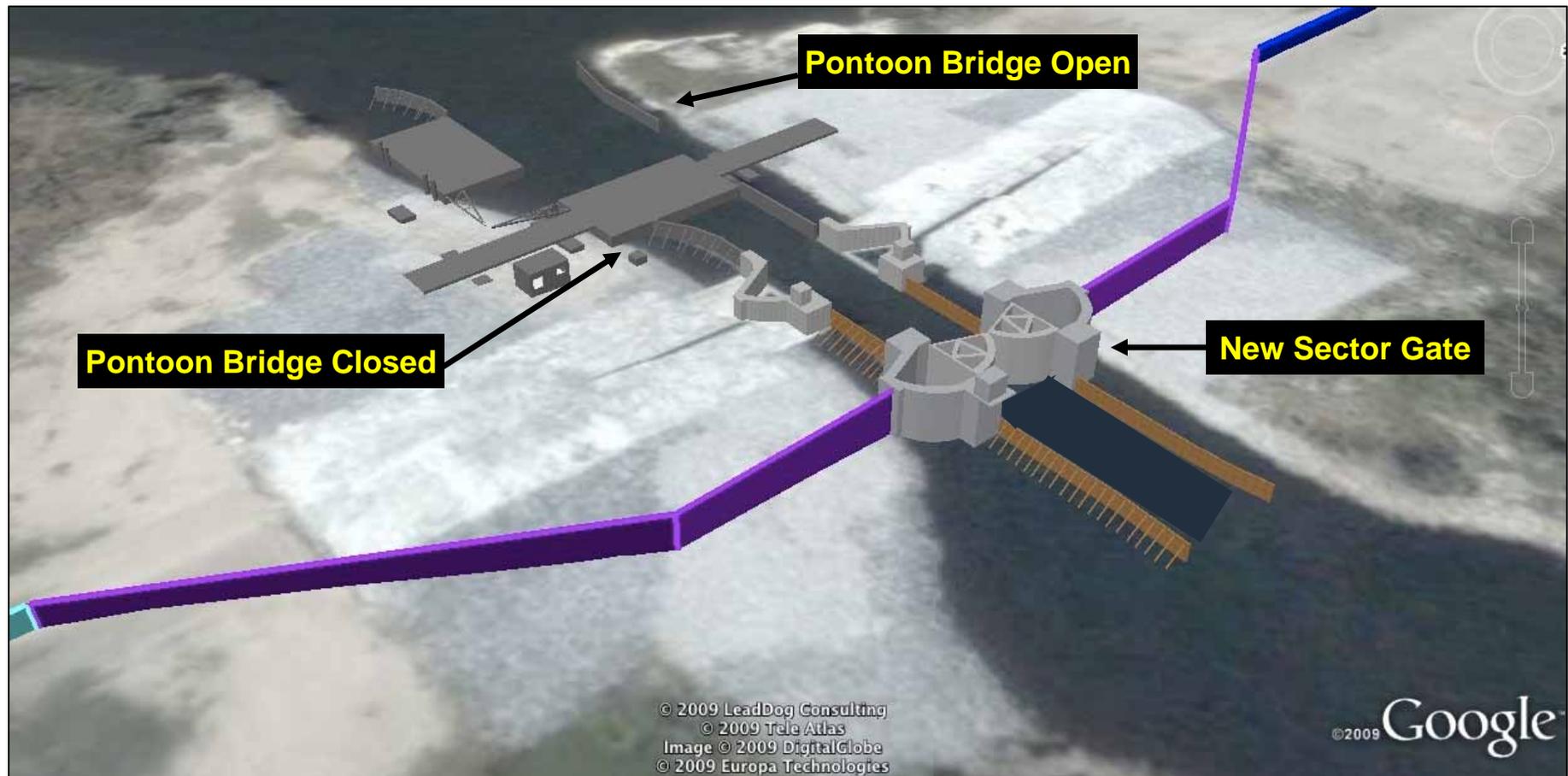


Bayou Dupre (LPV 144.02) in
St. Bernard Parish, Louisiana

- Currently in design phase for replacement of Dupre structure
- IHNC-Tier 2 Borgne (IER 11) will reduce the risk to the Bayou Bienvenue area, so no action will be required for that structure
- **Existing Elevation: 15.4'**
- **Project Elevation: 31.5'**



(IER 8) LPV 144: Bayou Dupre Floodgate Proposed Action





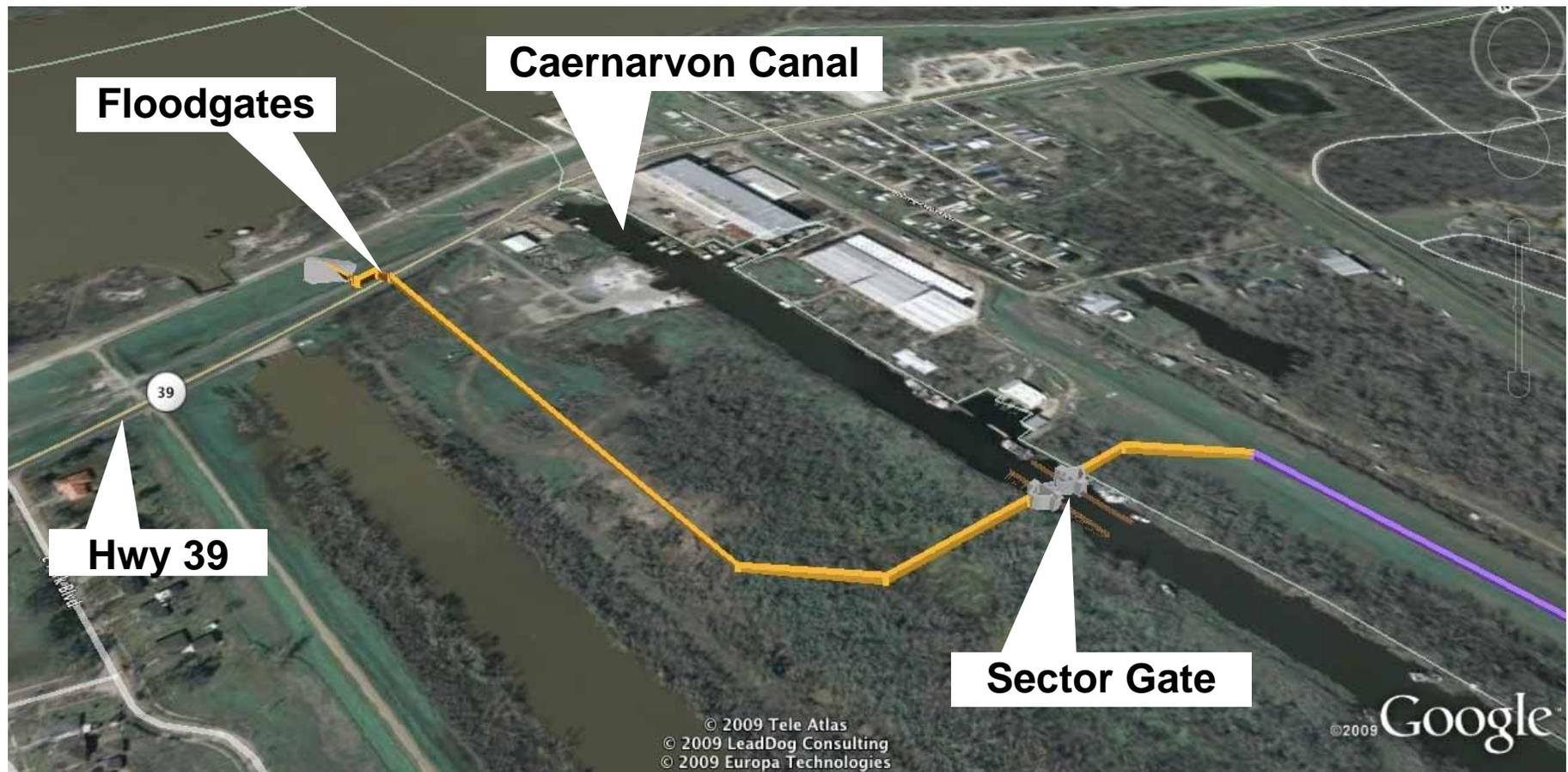
(IER 9) LPV 149: Caernarvon Floodwall



**Existing
Floodwall**



(IER 9) LPV 149: Caernarvon Floodwall Proposed Alignment



St. Bernard Parish Hurricane & Storm Damage Risk Reduction System Chalmette Loop Levee

LPV 145

Lake Pontchartrain and Vicinity (LPV) Summary

IER 10:
LPV 145 – Bayou Bienvenue to Bayou Dupre
LPV 146 – Bayou Dupre to Hwy 46
LPV 147 – Hwy 46 Crossing and Bayou Road Floodgate
LPV 148.02 – Verret to Caernarvon

LPV 146

LPV 147

LPV 148.02





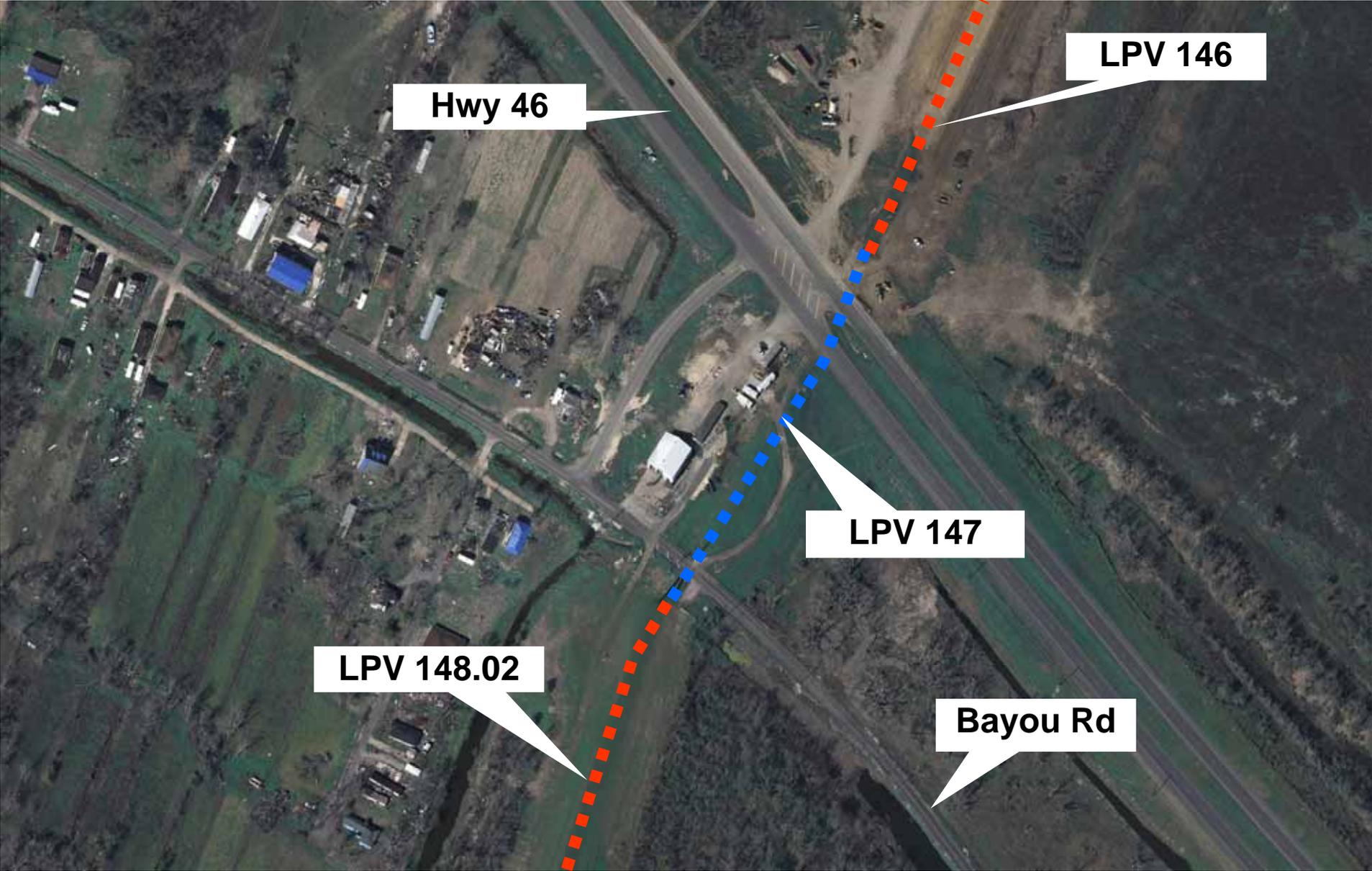
(IER 10) LPV 145: Bayou Bienvenue to Bayou Dupre

- Proposed action is the construction of a T-wall
 - **Existing Elevation: 20'**
 - **Project Elevation: 31.5' (near Bayou Bienvenue area)**
 - **Project Elevation: 29' (near Bayou Dupre area)**

(IER 10) LPV 146: Bayou Dupre to Highway 46

- Proposed action is the construction of a T-wall
 - **Existing Elevation: 20'**
 - **Project Elevation: 29'**

(IER 10) LPV 147: Chalmette Loop Levee

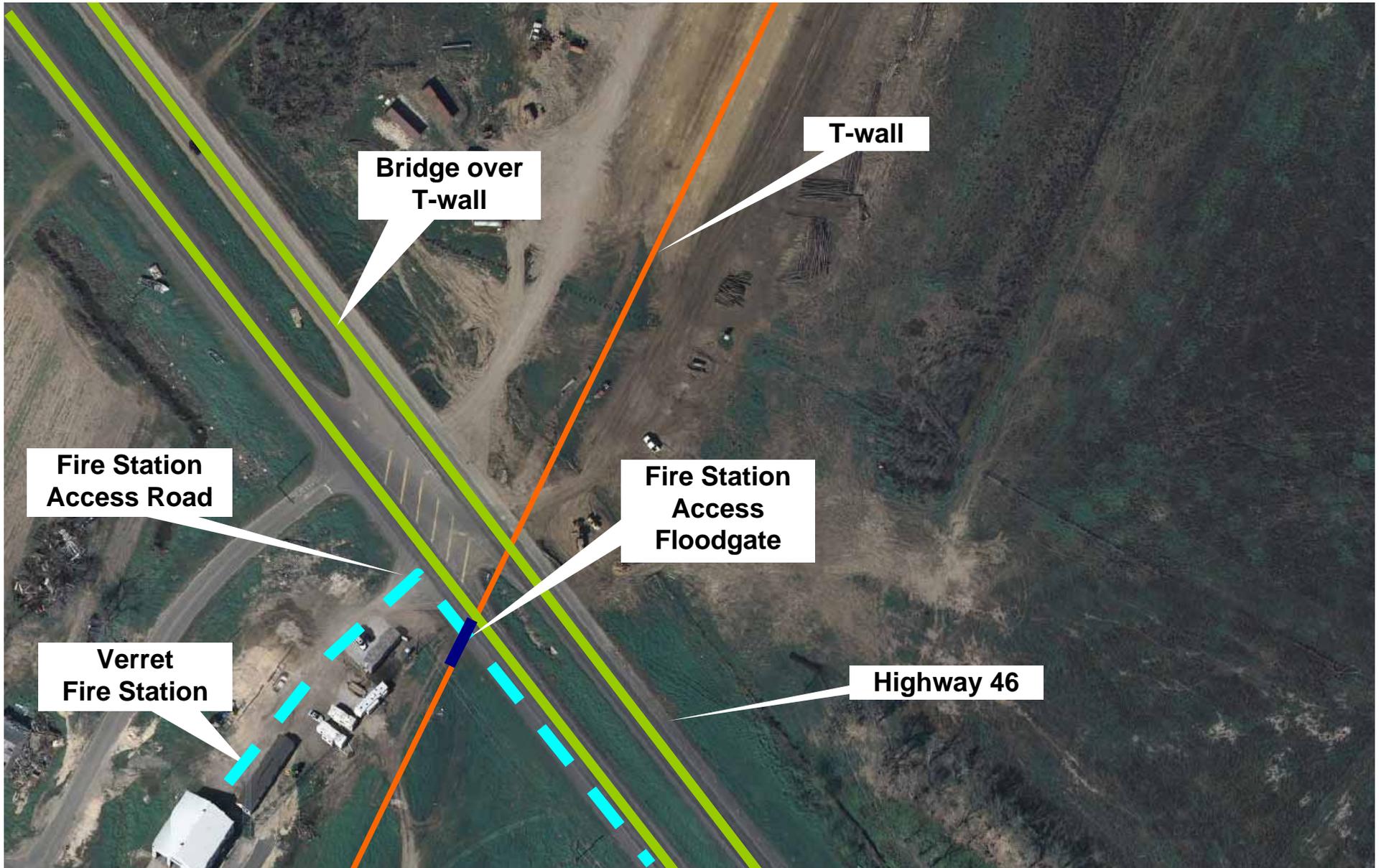




(IER 10) LPV 147: Hwy 46 Crossing and Bayou Road Floodgate

- Proposed action is the construction of a T-wall with a bridge over Hwy 46 and a new floodgate at Bayou Rd
- Continued coordination with:
 - Louisiana Department of Transportation and Development,
 - St. Bernard Parish
 - Lake Borgne Basin Levee District
 - Southeast Louisiana Flood Protection Authority – East,
 - Office of Coastal Protection and Restoration Authority
- **Existing Elevation: 15'**
- **Project Elevation: 29'**

(IER 10) LPV 147: Bridge with T-wall Option Proposed Action





(IER10) LPV 148: Verret to Caernarvon

Phase 1 (LPV 148.01 – not included in IER 10)

- Contract awarded 31 Oct 07 to raise levee to prior authorized elevation
 - Notice to proceed issued 14 Jan 08
 - Project is 99% completed
 - Hauled over 930,000 cubic yards of levee material
 - Hesco baskets added temporarily at utility crossings
 - Completion date: June 4, 2009
-
- **Phase 1 Existing Elevation: 17.5' – 14.0'**
 - **Phase 1 Project Elevation: 20'**

Phase 2 (LPV 148.02)

- Recommended alternative is the construction of a T-wall
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- **Phase 2 Project Elevation: 29'**



US Army Corps of Engineers
Team New Orleans



LPV 148.01: Verret to Caernarvon Project Photos





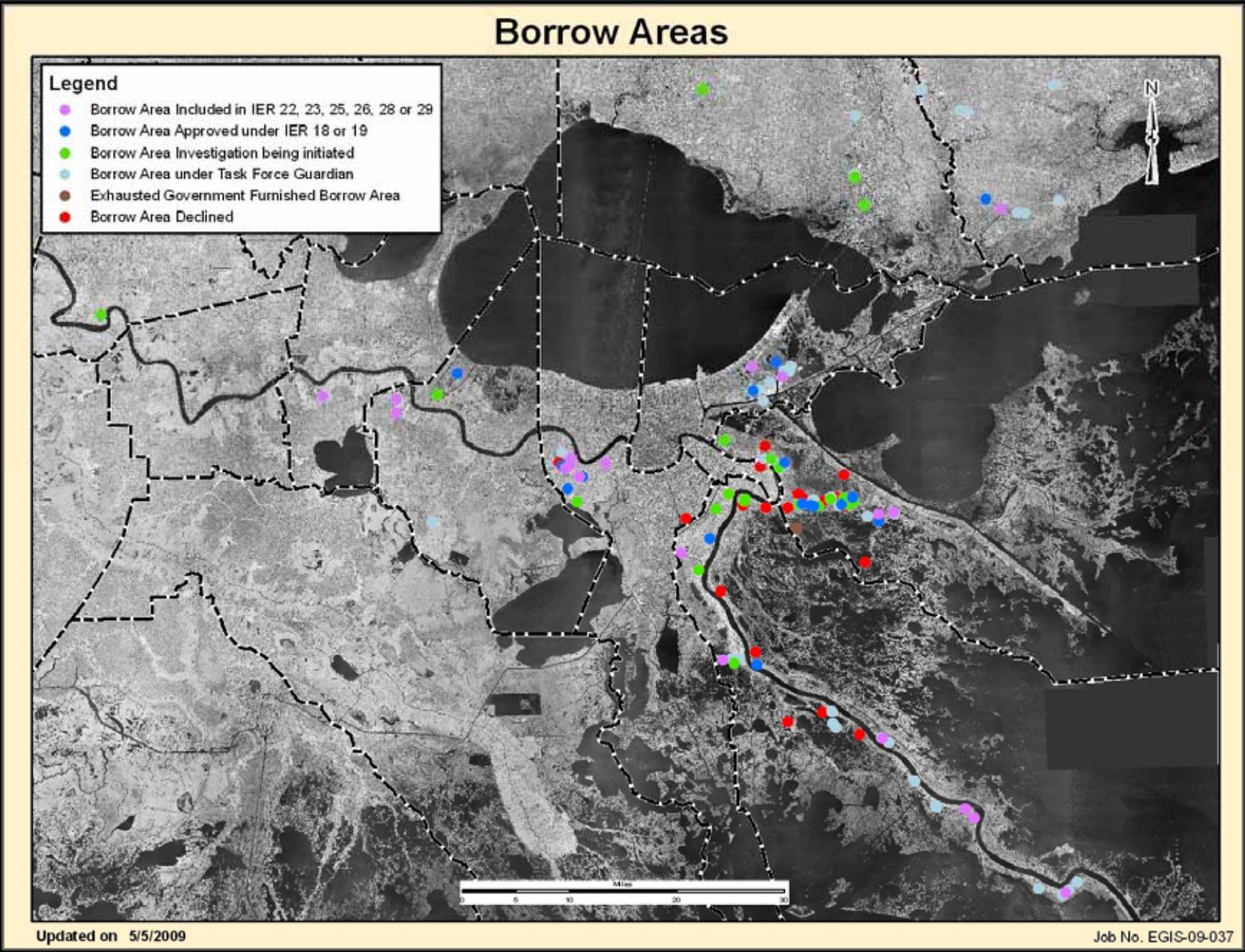
Project Description/IER Schedule

Proposed Action

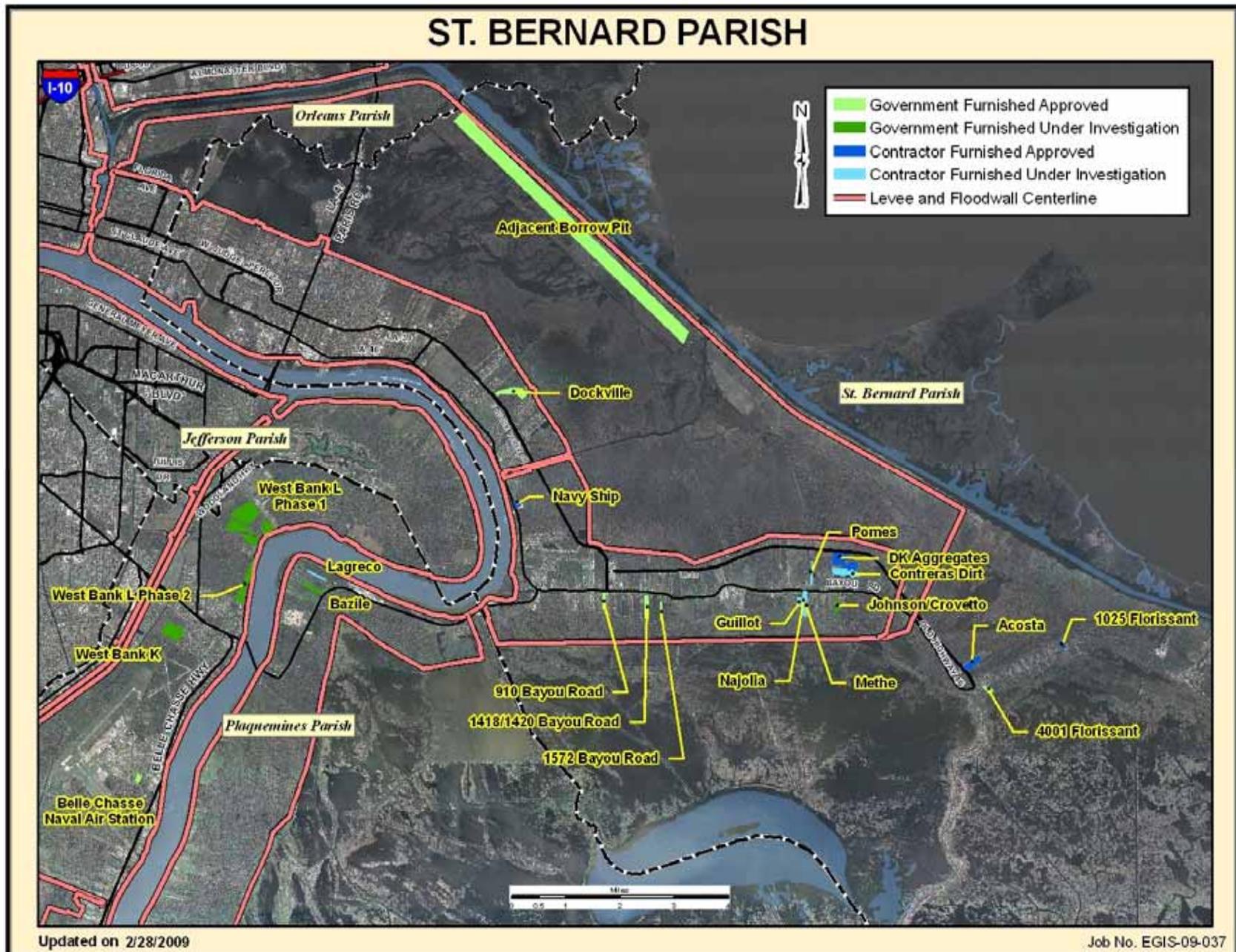
<p>IER 8: LPV 144 - Dupre Flood Gate</p> <p>Currently available for Public Comment Review: 5/8/09 - 6/6/09</p>	<p>Floodside shift of the current alignment</p>
<p>IER 9: LPV 149 - Caernarvon Floodwall</p> <p>Anticipated Draft for Public Review: Summer '09</p>	<p>T-wall alignment across canal</p>
<p>IER 10: LPV 145 - Bayou Bienvenue to Bayou Dupre LPV 146 - Bayou Dupre to Hwy 46 LPV 147 - Hwy 46 and Bayou Road Floodgate LPV 148.02 - Verret to Caernarvon</p> <p>Currently available for Public Comment Review: 4/13/09 - 5/12/09</p>	<p>T-wall T-wall T-wall with bridge T-wall</p>

Borrow material need for St. Bernard Parish
Significantly reduced due to T-wall recommendations

Investigated Borrow-Site – System Wide



St. Bernard Borrow Map



Opportunities for Public Input

- **Regular Public Meetings throughout the Hurricane and Storm Damage Risk Reduction System (HSDRRS) Area**
- **Make sure to sign in tonight to get on our meeting notification mailing list**
- **Comments can be submitted at any time at www.nolaenvironmental.gov**
- **Individual Environmental Reports (IER) 30-day Public Review**

Questions and comments regarding Hurricane Risk Reduction Projects should be addressed to:

**Gib Owen
PM-RS
P.O. Box 60267
New Orleans, LA 70160-0267
Telephone: 504-862-1337**

[E-mail: mynenvironmental@usace.army.mil](mailto:mynenvironmental@usace.army.mil)



US Army Corps of Engineers Team New Orleans



Resources

www.nolaenvironmental.gov

<http://www.mvn.usace.army.mil>

NOLA Environmental
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 Risk Reduction 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, 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). Learn more...

Announcements

- Draft IER 7 Public Comment Period 5/6 - 6/4
- Draft IER 13 Comment Period extended to 5/18
- Draft IER 5 Public Comment Period 5/4 - 6/3
- Draft IER 16 Public Comment Period 5/1 - 5/30
- Draft IER 6 Public Comment Period 4/24 - 5/23
- IER 6 - The Clean Water Act Section 404 Public Notice Comment Period 4/24 - 5/23
- Orleans Parish Pump Station Stormproofing EA #474 Drafts Public Comment Period 4/17 - 5/23
- Jefferson Parish Pump Station Stormproofing EA #475 Drafts Public Comment Period 4/14 - 5/20
- Draft IER 10 Public Comment Period 4/13 - 5/12

Upcoming

- 05/11/2009 - Public Meeting IER 8, 9, 10 and IER 10
- 05/17/2009 - Draft IER 10 Public Comment Period Ends

Newly Available

NEW NOLA Environmental Basic Data Viewer

- News Release 06 May 09 Draft IER 3
- IER 5 - Phase 2 Final Report: Operating Scenario Analysis

FEATURED PROJECT

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

U.S. Army Corps of Engineers New Orleans District
Microsoft Internet Explorer provided by USACE, New Orleans District

US Army Corps of Engineers
New Orleans District

Firefronts
Building them higher, stronger, better. The U.S. Army Corps of Engineers is continuing to work expeditiously to complete the Hurricane and Storm Damage Risk Reduction System (HSRRS) by 2012. To this end, the Corps is using valuable lessons learned to construct more resilient levees and floodwalls.

Public Information

Hurricane & Flood Risk Reduction
Learn more about what the Corps is doing to reduce risk.

Featured Videos

West Closure Complete
Learn more about the alternative under consideration to reduce risk on the Westbank, March 23.

Hurricane & Storm Damage Risk Reduction System
From levees to pumping stations, find out more about system features.

TOP HEADLINES

ASK THE CORPS

FEATURED VIDEOS

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