

Greater New Orleans Hurricane & Storm Damage Risk Reduction System

New Orleans East Project Update and Individual Environmental Report 29

(Contractor Furnished Borrow Material)

Public Meeting

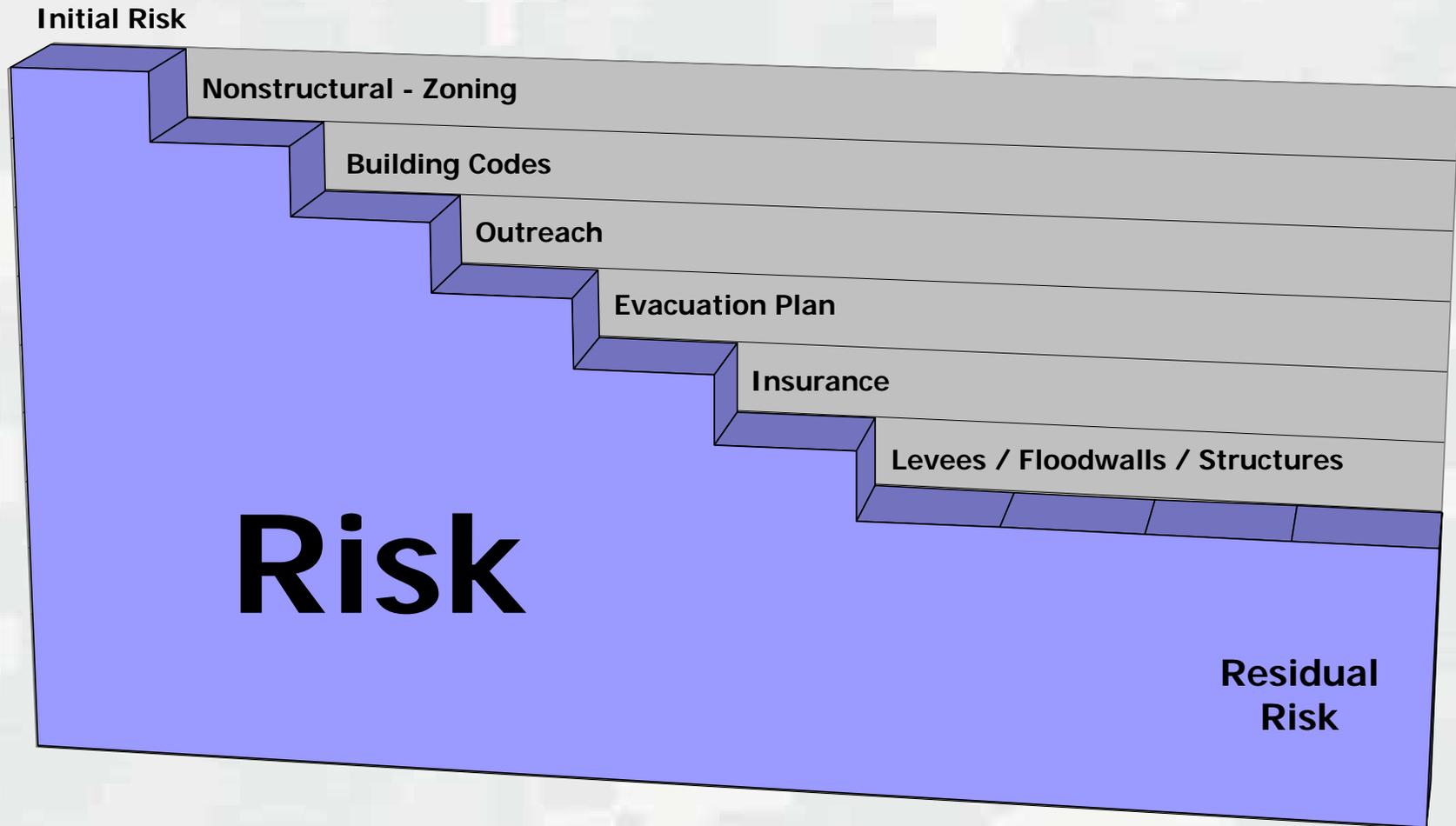
August 13, 2009



US Army Corps of Engineers
BUILDING STRONG



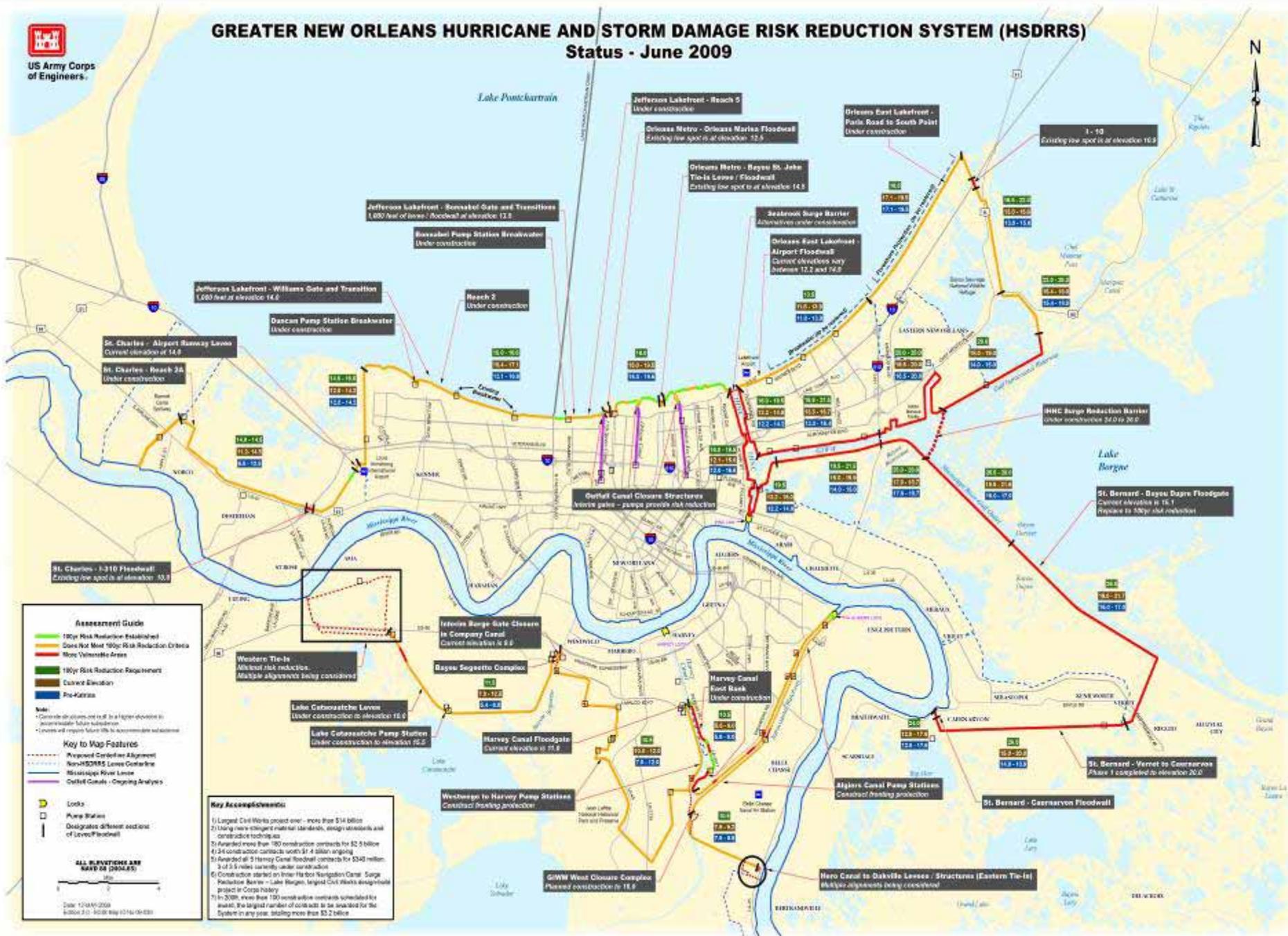
Buying Down Risk





US Army Corps of Engineers

GREATER NEW ORLEANS HURRICANE AND STORM DAMAGE RISK REDUCTION SYSTEM (HSDRRS) Status - June 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



LPV 108: Paris Road to South Point

Under Construction



- Raise current levee to between 17' and 18'
- Excavation and placement of earthen levee material is 90% complete



LPV 113: NASA Project *Under Construction*



- Enlarge levee adjacent to NASA Michoud Assembly Facility
- Contract awarded to Purnell Construction Co., LLC (a small Louisiana business)
- Work will take nine months to complete from the date of notice to proceed



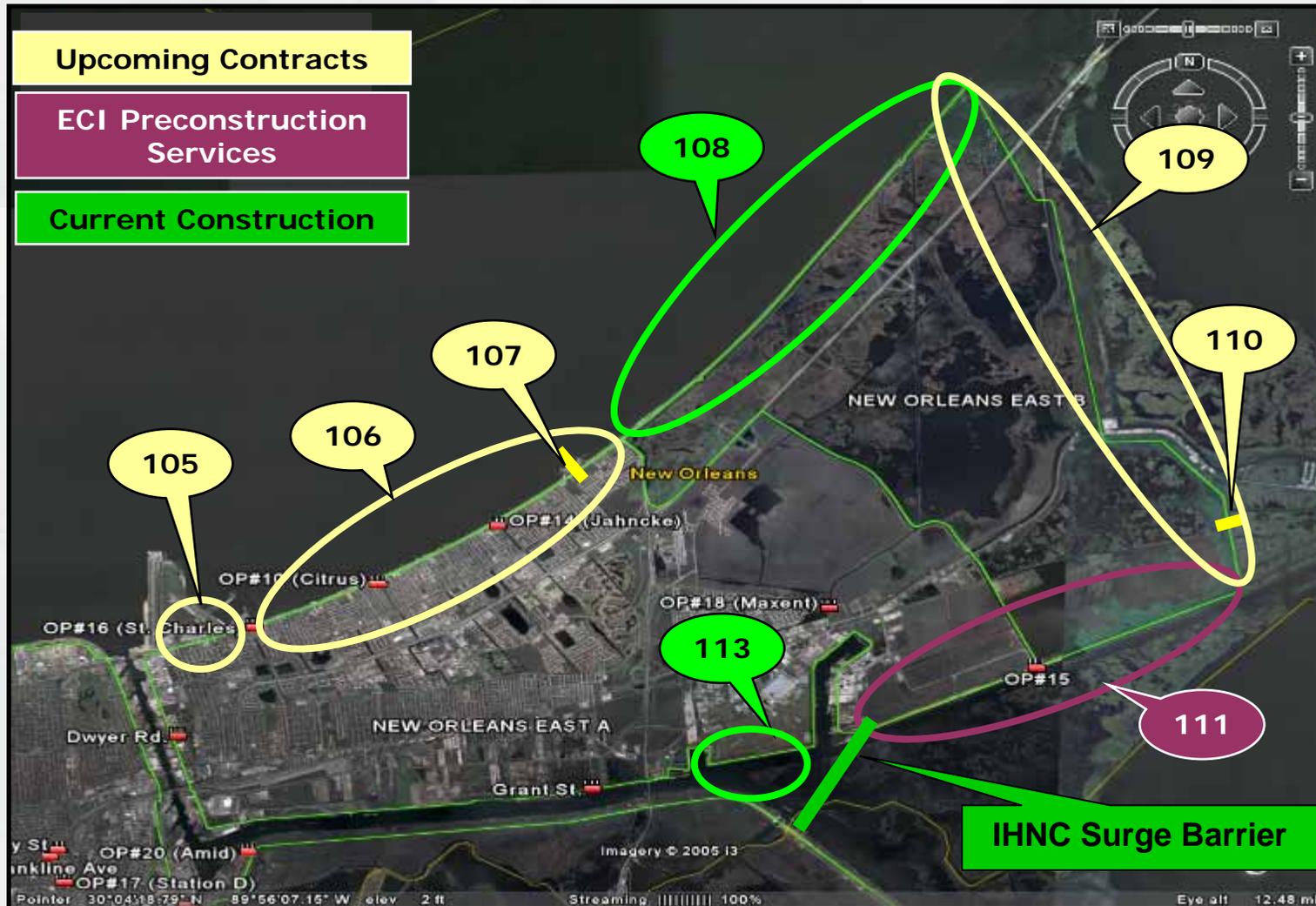
IHNC Surge Barrier

Under Construction

- 744 / 1274 piles driven (58%) 66" piles cumulative driven on the North and South Floodwall Headings
- 416 / 2548 (16%) closure piles driven
- 61 / 677 (9%) batter piles driven



New Orleans East Risk Reduction Projects



LPV 105: Lakefront Airport



- Replace existing floodwall from current 12.2' to elevation 15.5'
- Raise levee from 11.8 to elevation 13'
- Construct floodgate (80' wide) across Downman Road
- Construction contract to be awarded Feb. 2010



LPV 106: Citrus Levee



- Raise levee from current 11.8' to elevation 13'
- Install positive cutoff / drainage culverts for Citrus / Jahncke Pump Stations
- Construction contract to be awarded Dec. 2009



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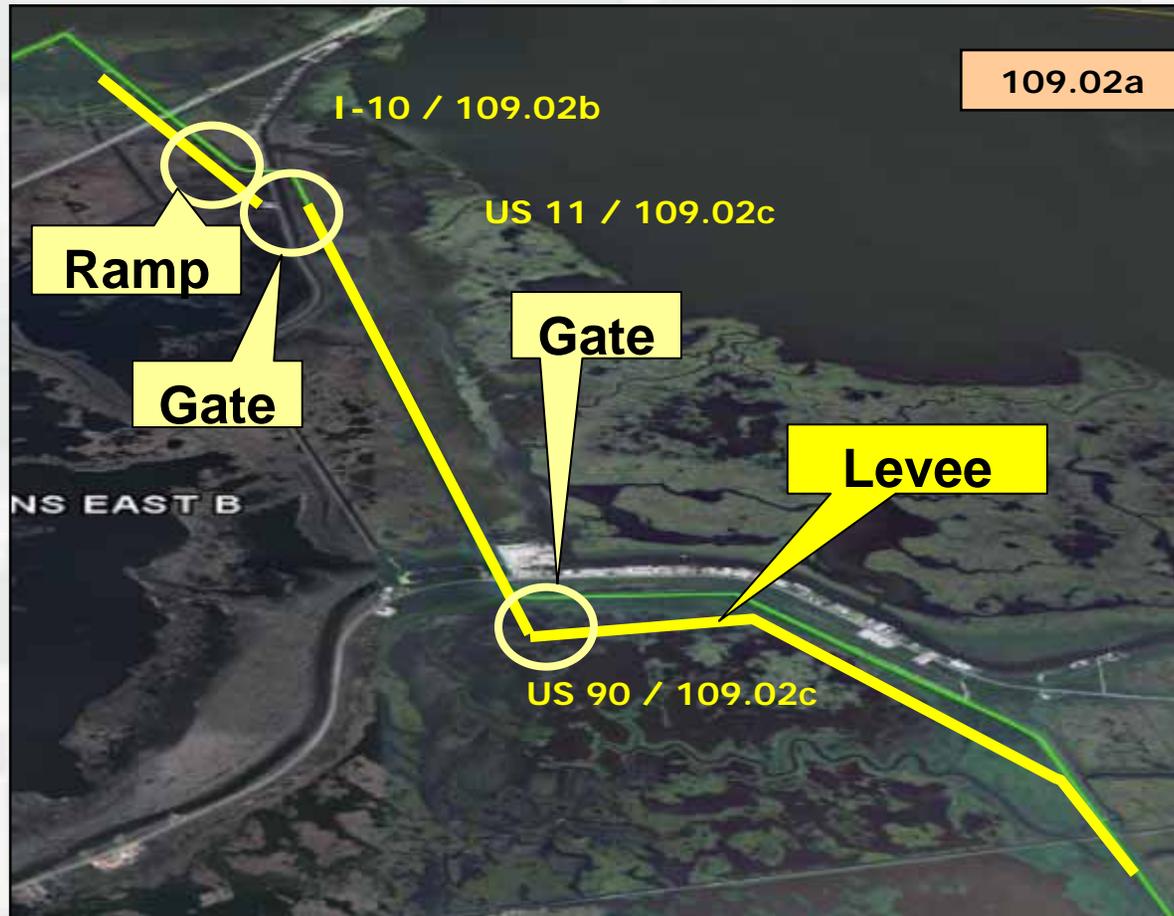
LPV 107: Lincoln Beach Levee & Gate



- Replace the existing 11.8' floodwall with a levee to elevation 13'
- Construct a new floodgate to elevation 15.5'
- Construction contract to be awarded Jan. 2010



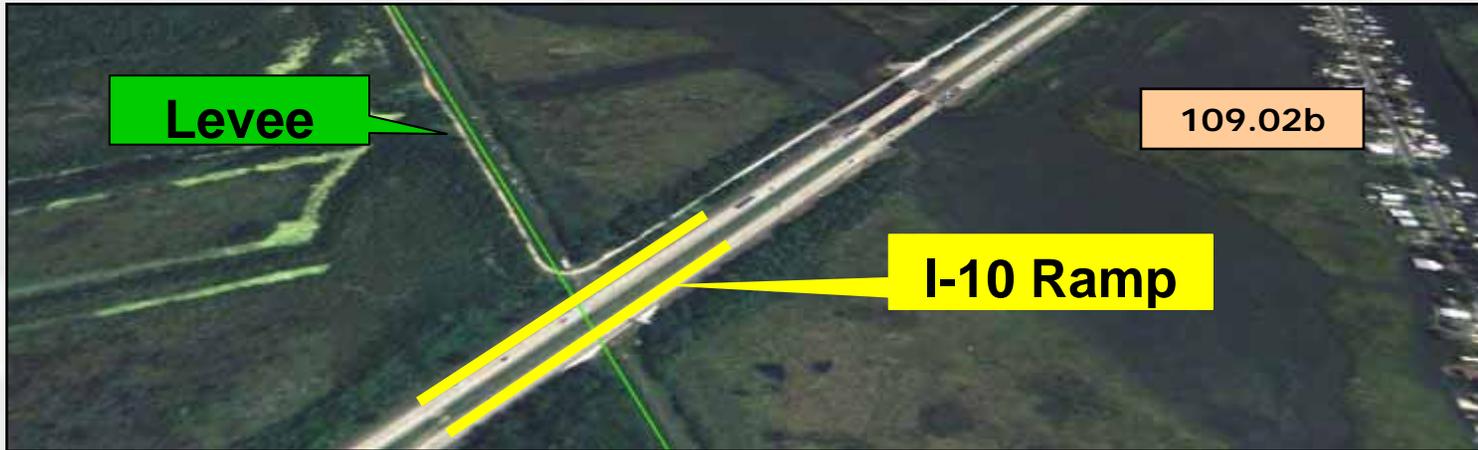
LPV 109.02a: South Point to CSX Railroad



- Raise northern portion of current levee from elevation 13' to 22'
- Raise southern portion of current levee from elevation 15' to 28'
- Reinforce levee with high strength geotextiles / wick drains
- Construction contract to be awarded Mar. 2010



LPV 109.02b: I-10 Crossing



- Raise existing ramp elevation from 13.5' to 16.5'
- Tie in to the existing 109.02a levee system
- Construction contract to be awarded Feb. 2010



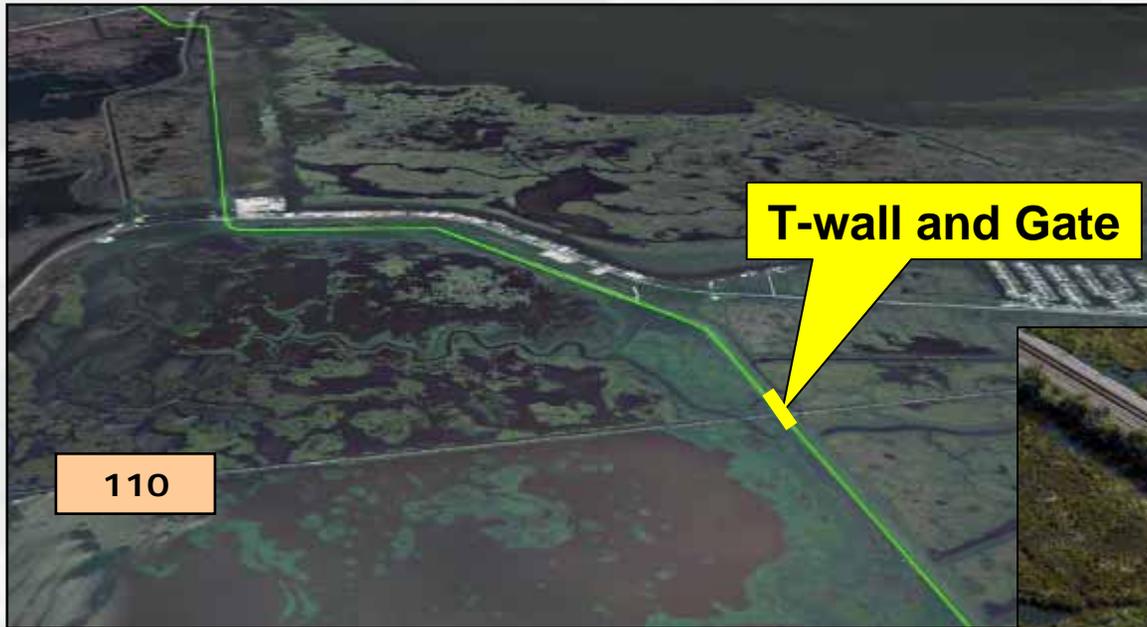
LPV 109.02c: Hwy 11 & Hwy 90 Crossings



- Highway 11: Construct a 50' wide gate with an alignment shift that ties into 109.02a levee system
- Highway 90: Construct a 38' wide gate with an alignment shift that ties into the 109.02a levee system
- Construction contract to be awarded Dec. 2009



LPV 110: CSX Railroad Gate



- Construct new T-wall & gate with an alignment shift
- Existing elevation is 20' and will be raised to 30'
- Construction contract to be awarded Feb. 2010



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LPV 111.01: CSX RR to Michoud Canal



- Raise existing levee from 19' to between 24' to 27.5'

- **Early Contractor Involvement Awarded in June 2009**
- **Early Contractor Involvement contract allows construction contractor to expedite schedules**



LPV 111.02: Pump Station 15



- Replace and raise existing floodwall at Pump Station 15 from 24' to elevation 30.5'
- Early Contractor Involvement contract to be awarded shortly



Borrow

- Earthen levee construction requires a specific type of clay material
- The Corps has investigated approx. 400 million cubic yards of clay
- Approx. 74 million cubic yards of borrow have been approved
- The Corps currently needs approx. 62 million cubic yards of clay material to complete the hurricane system



Individual Environmental Report 29

- Titled “Contractor Furnished Borrow Material #4”
- Investigated and would environmentally clear three sites
 - Eastover Phase II, Orleans Parish
 - Tammany Holding Company, St. Tammany Parish
 - Willow Bend Phase II, St. John the Baptist Parish
- Released for public comment period on Jul. 22, 2009
- Comment period closes Aug. 20, 2009



Sources of Borrow

Government Furnished

- Material is tested and acquired by the government

Contractor Furnished

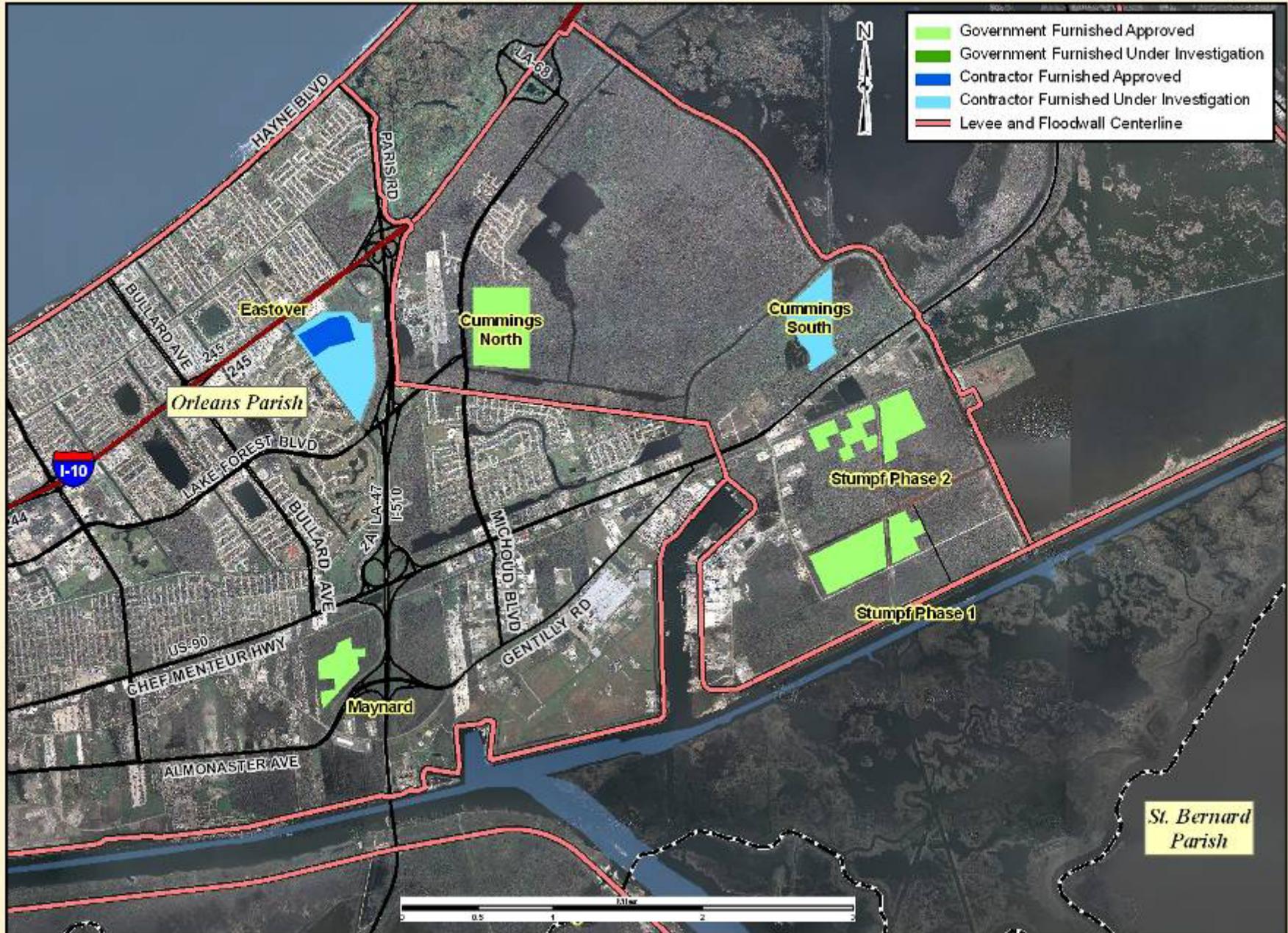
- Material is tested by the landowner
- Submitted documentation is reviewed by the Corps
- Acquisition process is between the contractor and landowner

Supply Contract

- Material is tested by the landowner
- Submitted documentation is reviewed by the Corps
- Acquisition process is between the landowner and the Corps



NEW ORLEANS EAST - ORLEANS PARISH



Currently Available for Public Review

IER 29 – Contractor Furnished Borrow Material #4

- Released Jul. 22, 2009
- Comment period closes on Aug. 20, 2009

IER 30 – Contractor Furnished Borrow Material #5

- Released Aug. 12, 2009
- Comment period closes on Sept. 12, 2009

Note - copies available at www.nolaenvironmental.gov or by request



Upcoming Public Meetings

Wednesday, Aug. 19, 2009

Algiers construction impacts
Eisenhower Academy of Global Studies
3700 Tall Pines
New Orleans, La. 70131
Open house is from 6 to 6:30 p.m.
Presentation begins at 6:30 p.m.

Wednesday, Aug. 26, 2009

Algiers construction impacts
English Turn Clubhouse
1 Clubhouse Dr.
New Orleans, LA 70131
Open house is from 6 to 6:30 p.m.
Presentation begins at 6:30 p.m.

Monday, Aug. 31, 2009

Mitigation public meeting
US Army Corps of Engineers, DARM A
7400 Leake Ave.
New Orleans, LA 70118
Meeting 1 to 4 p.m.

Wednesday, Sept. 2, 2009

Comprehensive Environmental Document
scoping meeting
US Army Corps of Engineers, DARM A
7400 Leake Ave.
New Orleans, LA 70118
Open house is from 6 to 6:30 p.m.
Presentation begins at 6:30 p.m.

Thursday, Sept. 3, 2009

Plaquemines Parish Pump Station and WCC
Bayou Barriere Golf Clubhouse
7427 Hwy 23
Belle Chasse, LA 70037
Open house is from 6 to 6:30 p.m.
Presentation begins at 6:30 p.m.



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: mvnenvironmental@usace.army.mil](mailto:mvnenvironmental@usace.army.mil)



Resources

www.nolaenvironmental.gov

NO LA 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 - 4/3
- 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 #470 Drafts Public Comment Period 4/14 - 5/20
- Draft IER 10 Public Comment Period 4/13 - 5/12

[More...](#)

Upcoming

- 05/11/2009 - Public Meeting IER 6, 9, 10 and borrow)
- 05/12/2009 - Draft IER 10 Public Comment Period Ends

[More...](#)

Newly Available

NEW NOLA Environmental Basic Data Viewer

- News Release 04 May 09 Draft IER 5
- IER 5 - Phase 2 Final Report: Operating Scenario Analysis

[More...](#)

FEATURED PROJECT

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

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

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

US Army Corps of Engineers

SEARCH USACE SEARCH

NEW ORLEANS DISTRICT

Floodwall:

Building Micro-Sipper, roadway barrier. The U.S. Army Corps of Engineers is continuing to work expeditiously to complete the Hurricane and Storm Damage Risk Reduction System (HSDRRS) by 2012. To this end, the Corps is using valuable persons, known to construct most resilient levees and floodwalls.

[Go to project site](#)

TOP HEADLINES

- [Document reference address on Webpage? Needs](#)
- [CASA MEXICO environmental document for public review](#)
- [Ready to receive update on WaterAid web discussion website](#)
- [CASA Mexico website: Inauguration WaterAid and](#)

ASK THE CORPS

The Corps wants to hear from you!

Q. Do you have information on the closing of Industrial Lock on August 1, 2009 for 60 days?

A. Yes, for information regarding the August 1st closing of the lower harbor navigation canal lock, please email askthecorps@usace.army.mil.

Submit questions or comments to askthecorps@usace.army.mil

FEATURED VIDEOS

- [Meet Orleans Complex](#)
Learn more about the alternative under consideration to reduce risk on the Waterwall South.
- [Hurricane & Storm Damage Risk Reduction System](#)
From levees to pumping stations, find out more about system features.

NEW 2008 | DISCLAIMER | PUBLIC INQUIRY | EMERGENCY AND SECURITY | FOIA | INFORMATION QUALITY ACT | ACCESSIBILITY



Previously Asked Questions

1. What factors are considered when designing a borrow site?
2. How will the stability of homes be impacted by excavated borrow sites?
3. Will excavated borrow sites fill with water?
From where does that water come?
4. Who governs required permits of construction contractors?



Previously Asked Questions

5. How does the government determine the price that will be paid for borrow?
6. Will contracts be awarded to Louisiana businesses?
7. Will borrow sites be fenced?



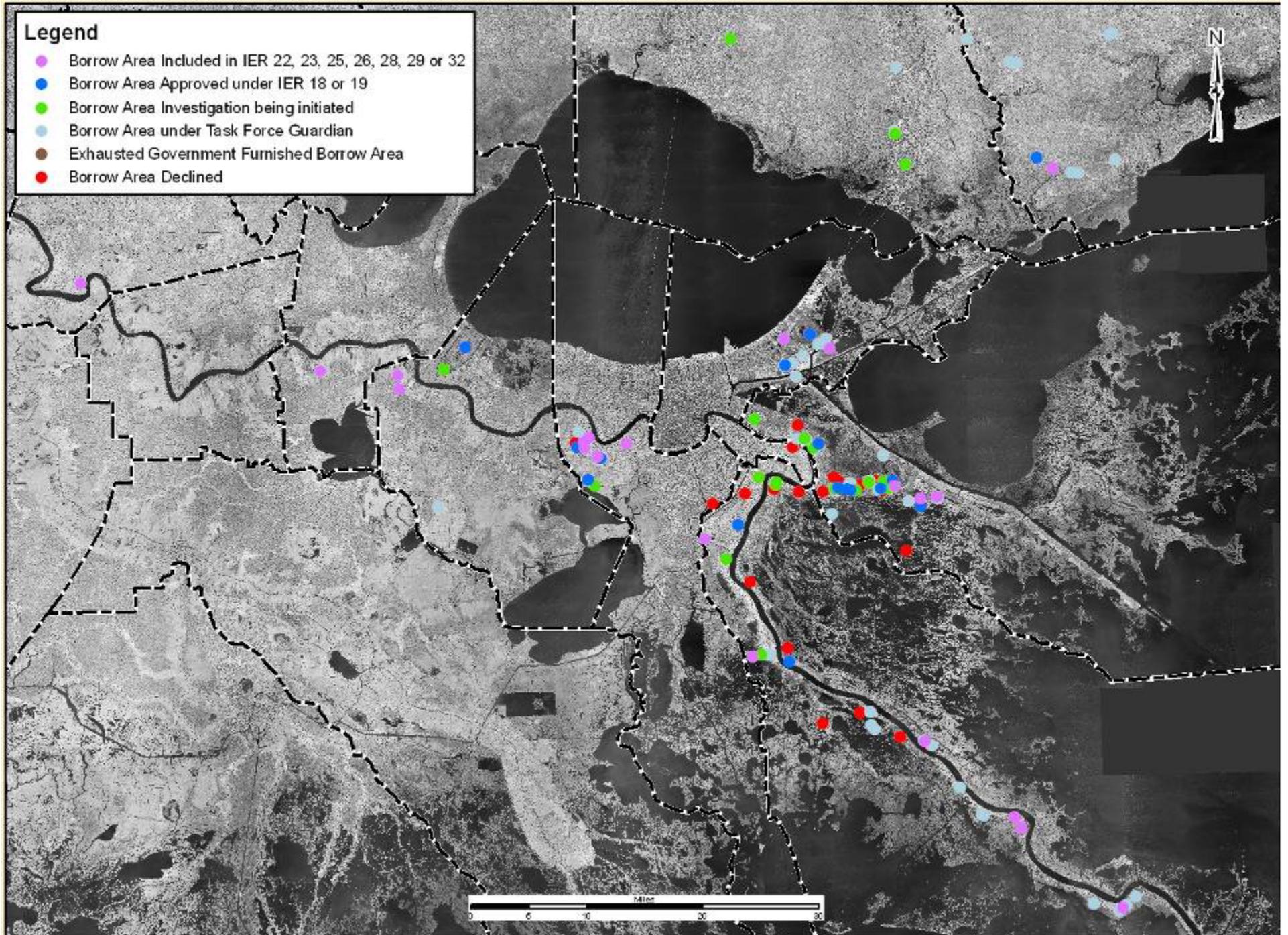
Back Up Slides



BORROW AREAS

Legend

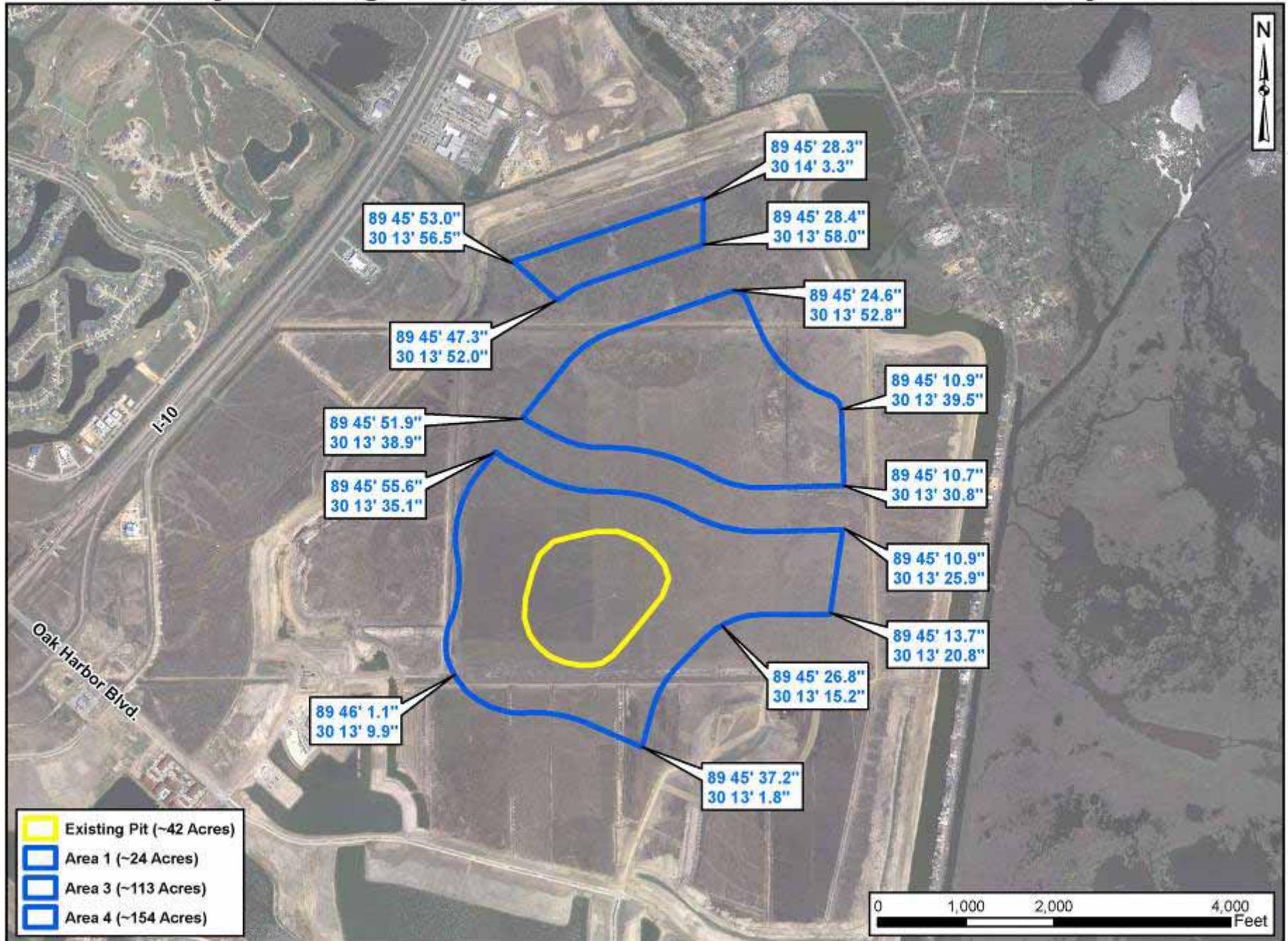
- Borrow Area Included in IER 22, 23, 25, 26, 28, 29 or 32
- Borrow Area Approved under IER 18 or 19
- Borrow Area Investigation being initiated
- Borrow Area under Task Force Guardian
- Exhausted Government Furnished Borrow Area
- Borrow Area Declined



Eastover - Phase II Borrow Pit - Orleans Parish



Tammany Holding Corporation Borrow Area - St. Tammany Parish



Willow Bend - Phase II Borrow Pit - St. John the Baptist Parish

