

# Greater New Orleans Hurricane & Storm Damage Risk Reduction System

## *Western Tie-In Construction Impacts*

April 27, 2010

Cytec



US Army Corps of Engineers  
**BUILDING STRONG**<sup>®</sup>

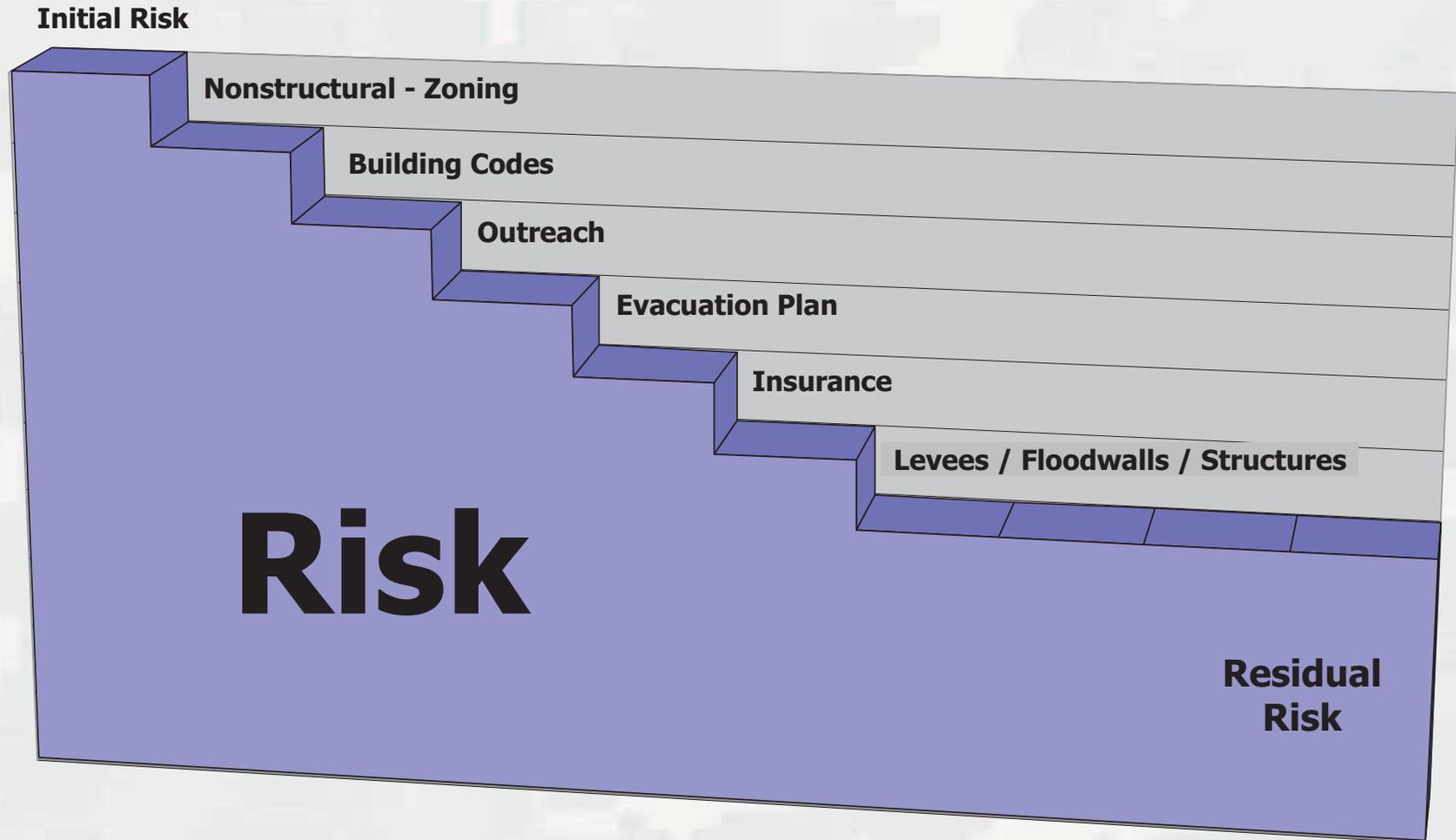


# ***Why are we here tonight?***

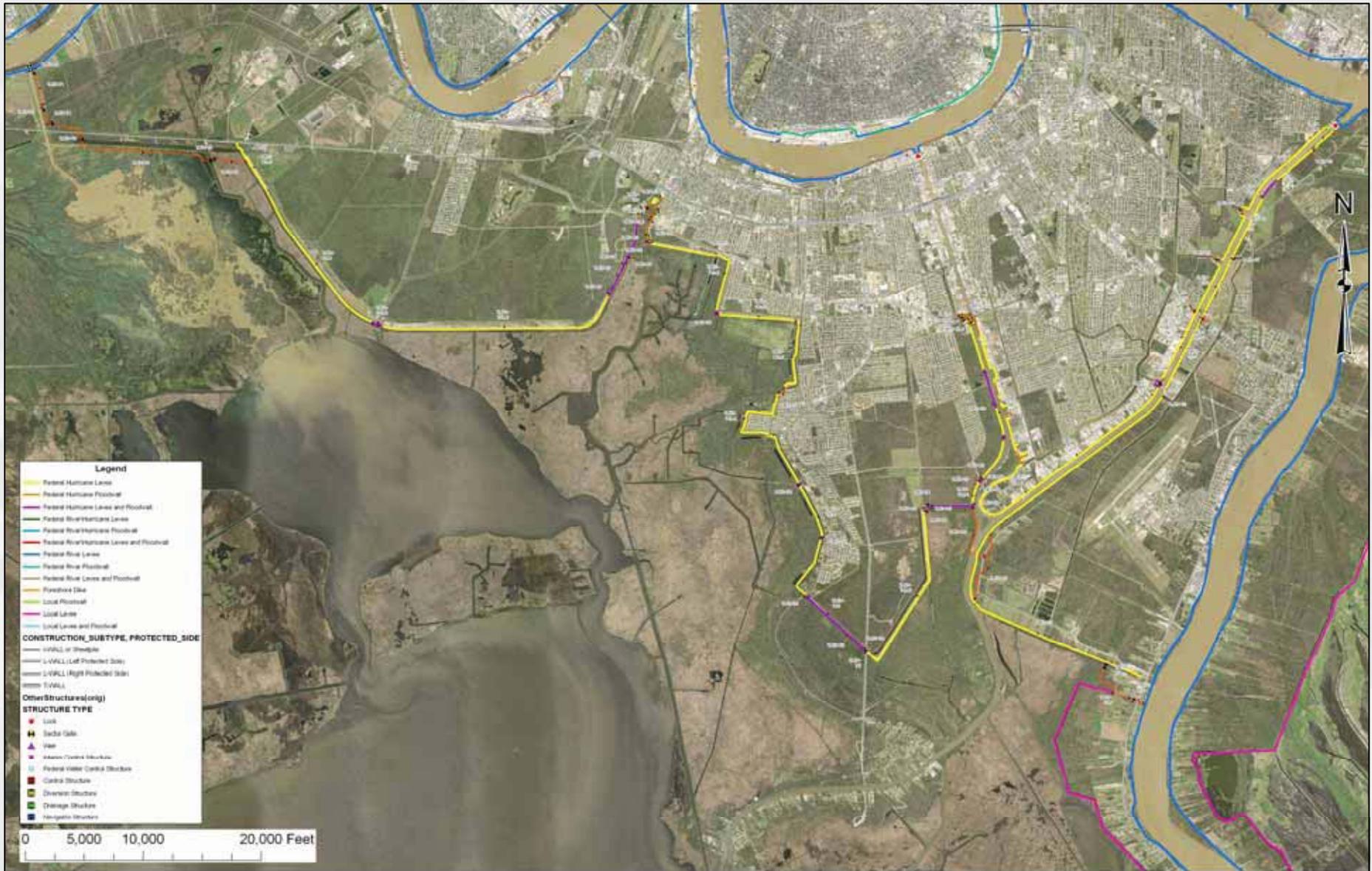
- To discuss the status of the construction of the Western Tie-In project



# *Risk – Shared Responsibility*



# Westbank and Vicinity System

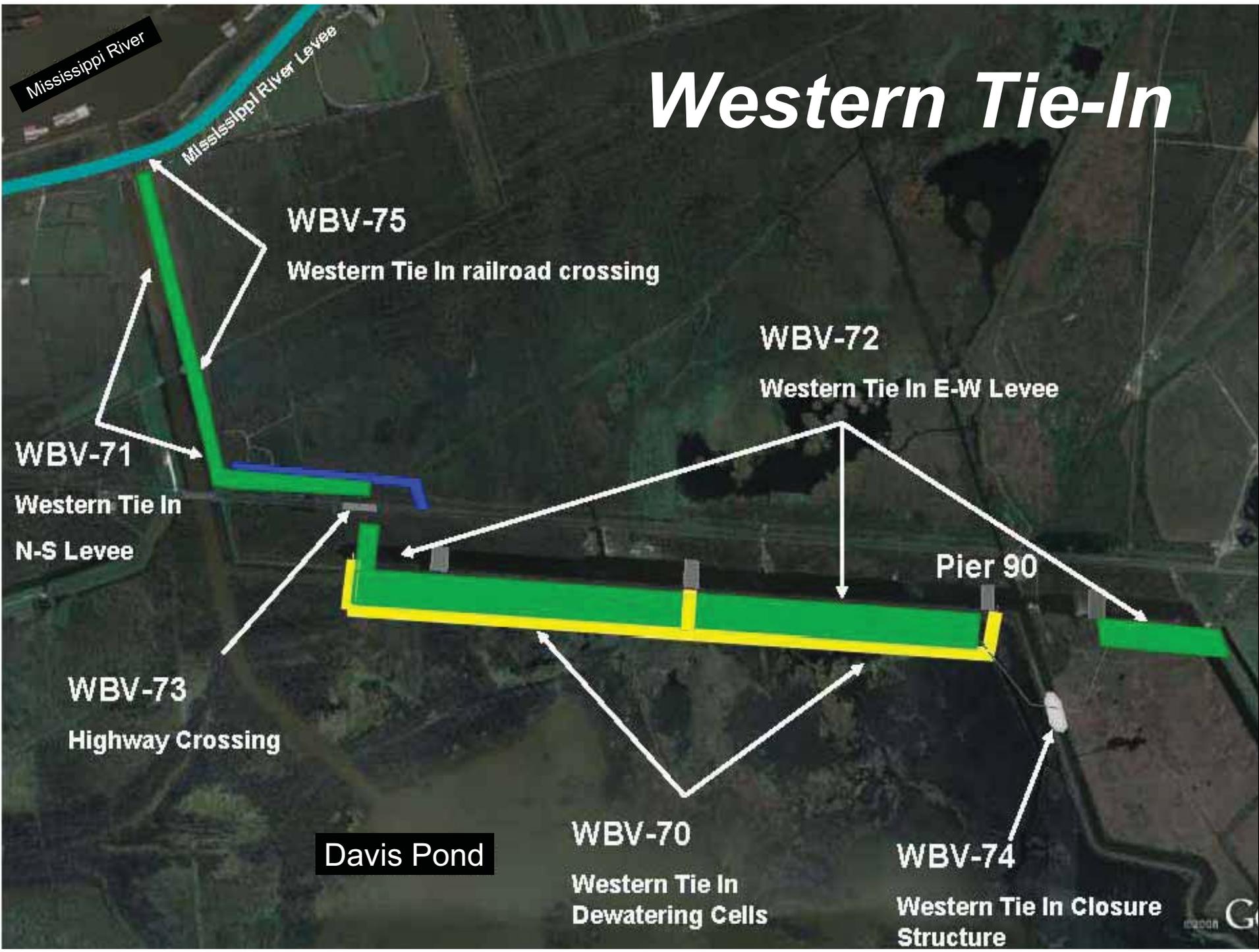


# *Western Tie-In*

- Project Features:
  - ▶ Levees
  - ▶ Sector gate
  - ▶ Floodwall
  - ▶ Highway crossing
  - ▶ 3 rolling gates
  - ▶ Highway bridge
  
- Ties into existing Lake Cataouatche Levee and Mississippi River Levee in St. Charles Parish
  
- Maintains water exchange to preserve wetland area above Hwy 90



# Western Tie-In



# ***WBV-70: Dewatering Cells***

- Dewatering cells used to temporarily keep water out of area while building levee foundation before WBV-72 levee contract could begin
- Sand base for subsequent levee construction
- Substantially completed April 16, 2010
  - ▶ Finished 6 months ahead of schedule



**BUILDING STRONG®**

# ***WBV-72: East to West Levee***

- \$42.4 M awarded on March 22, 2010 to WRS Compass
- Construction should begin within the next few weeks
- Scheduled completion date - June 2011
- Construction of 2.35 mile stretch of levee to the 100-year elevation of 13.5 ft



# Traffic Conditions

- Current traffic conditions include a small break in the median for turning traffic
- Contract to construct u-turn lanes has been awarded and will be complete within the next 60 days
- New u-turn lanes will alleviate some traffic congestion on Hwy 90



# Western Tie-In U-Turn Alignment

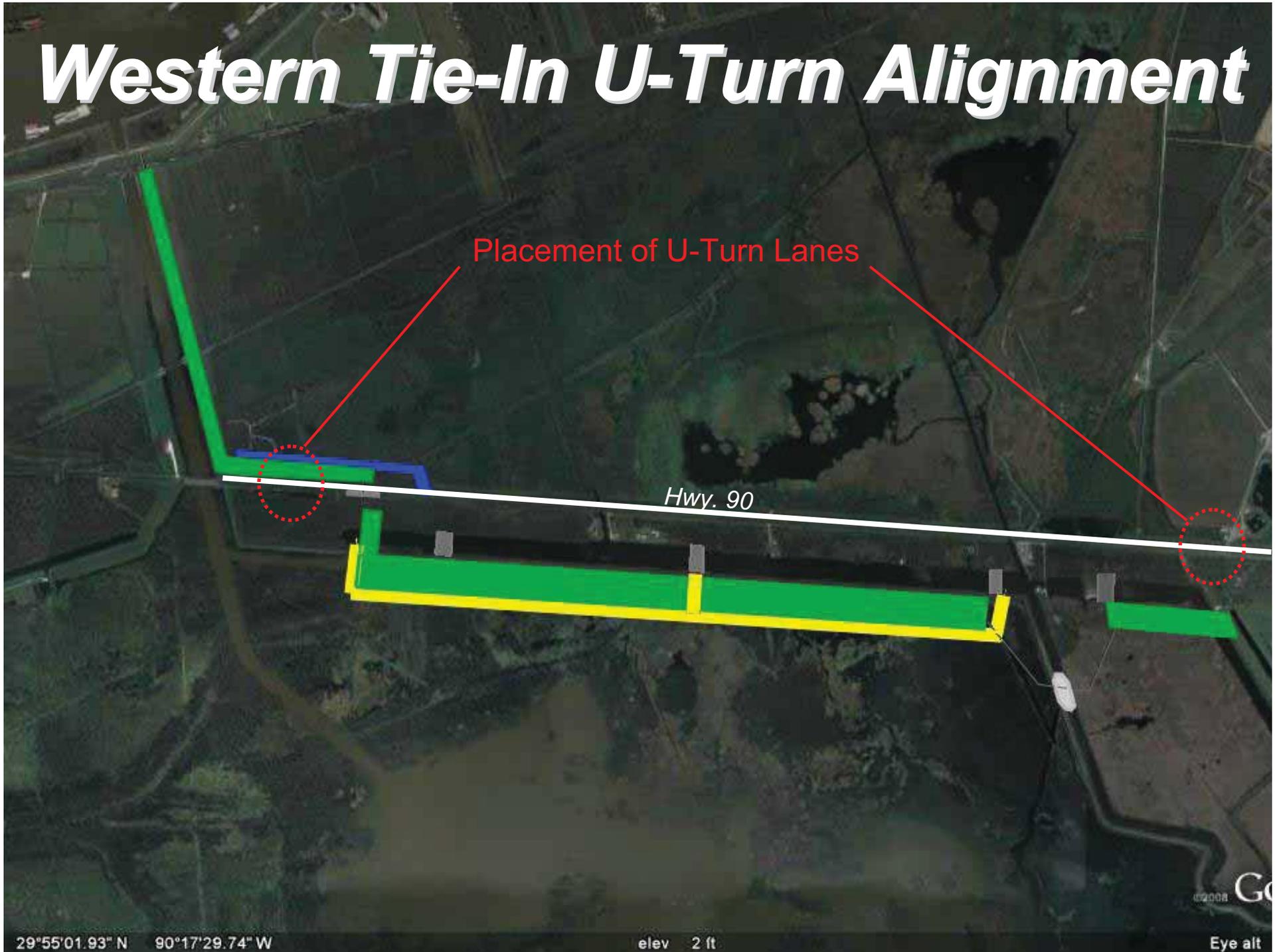
Placement of U-Turn Lanes

Hwy. 90

29°55'01.93" N 90°17'29.74" W

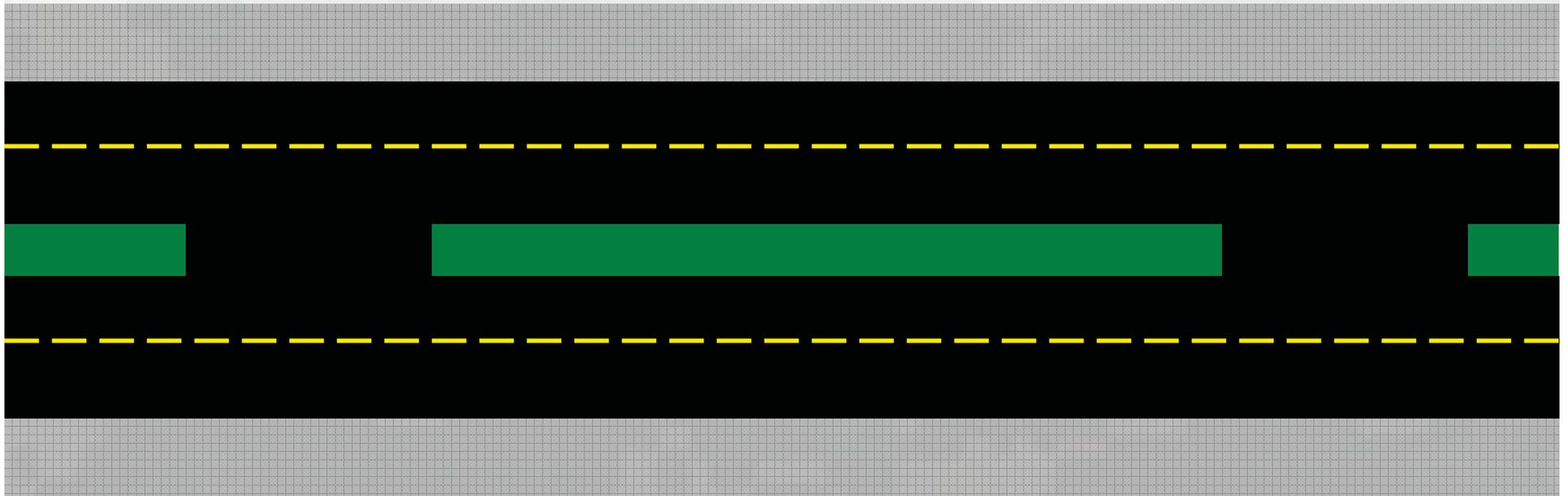
elev 2 ft

Eye alt



# *Before U-Turn Lane on Hwy 90*

←  
west bound traffic



→  
east bound traffic

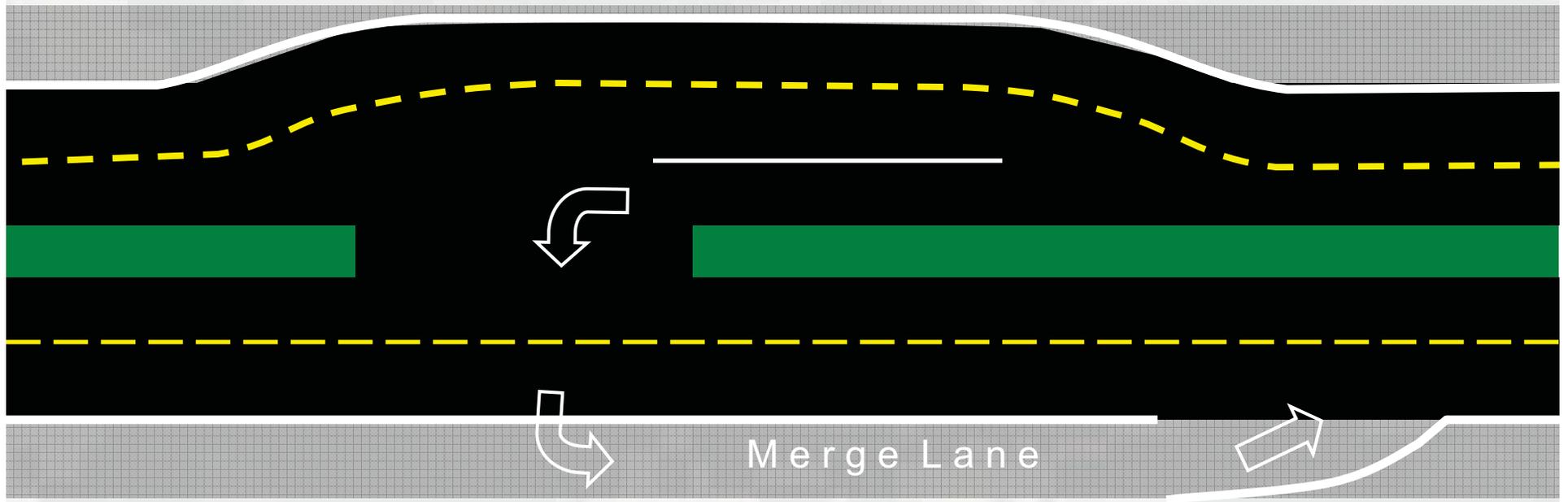


Not to scale

**BUILDING STRONG®**

# U-Turn Lane On Hwy 90

←  
west bound traffic



Merge Lane

→  
east bound traffic



Not to scale

**BUILDING STRONG®**

# ***WBV-71: North to South Levee***

- Levee construction on north side of Hwy 90
- \$5.3 M contract awarded on Sept 25, 2009 to DQSI
- Construction began Sept 30, 2009
- Scheduled to be complete in Sept 2010
- Construction 50% complete



# ***WBV-74: Closure Structure***

- Requires construction of a 56 ft sector gate at Sellers Canal
- Sector gate will remain open at all times and only close to prevent storm surge
- Contract awarded within the next few days
- Scheduled to be complete in Sept 2011

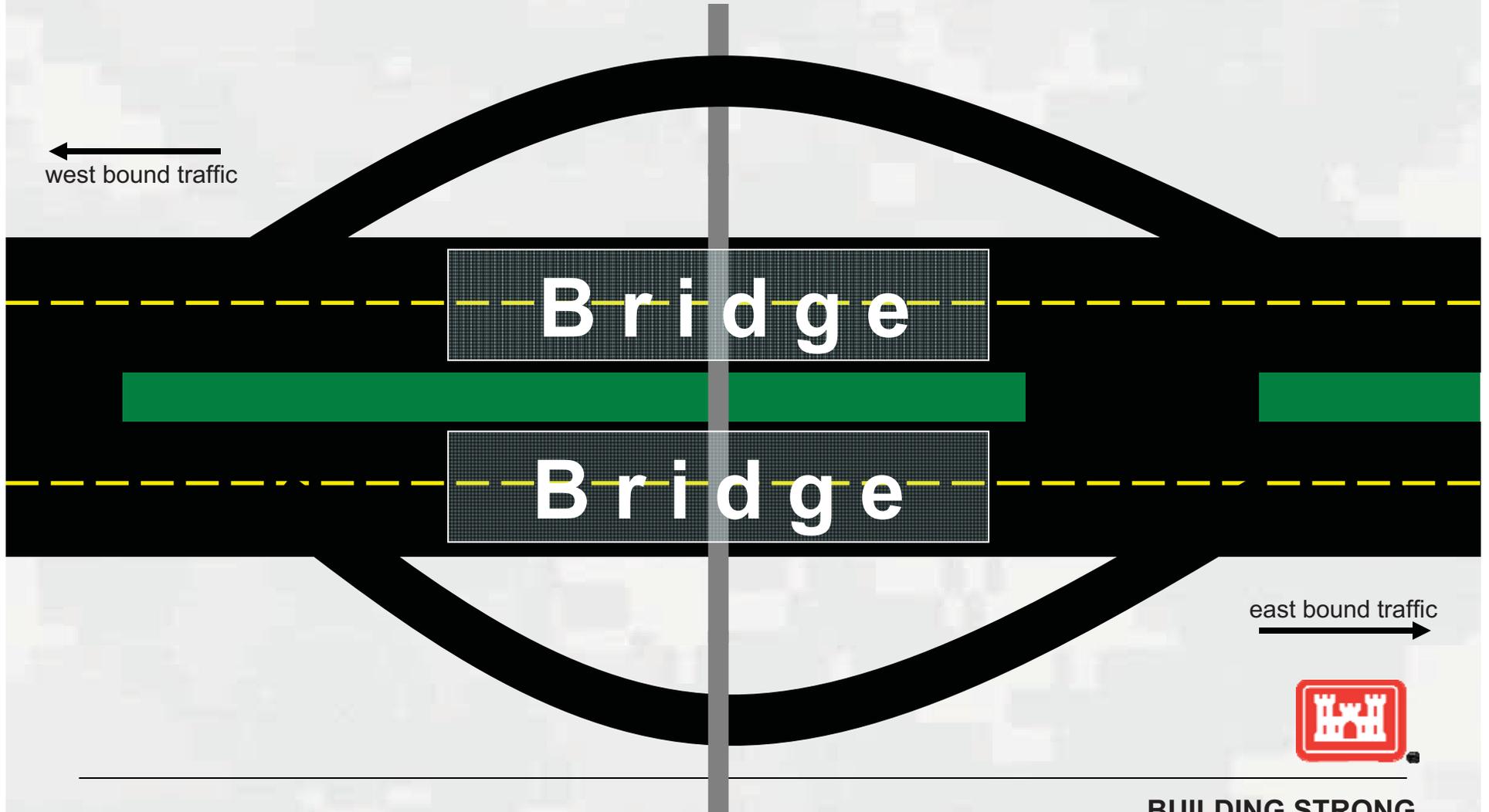


# ***WBV-73: Highway Crossing***

- Consists of a floodwall built to elevation 15.5 ft with a bridge built over the floodwall
- Bridge over floodwall will maintain traffic patterns during evacuation
- Traffic will detour from Hwy 90 for a significant portion construction duration



# Hwy 90 Detour



Not to scale



**BUILDING STRONG<sup>®</sup>**

# ***WBV-75: Railroad and Hwy 18 Crossings***

- Contract features 3 roller gates:
  - ▶ 2 roller gates at railroad
  - ▶ 1 roller gate at Hwy 18
- Proposed changes to the existing plan include an earthen ramp at Hwy 18 instead of the approved roller gate
- Contract award scheduled for Oct 2010 and expected completion date is May 2011



# ***Floodgate vs. Ramp at Hwy. 18***

- Original plan was a floodgate at Hwy 18
- Re-evaluated due to concerns raised about evacuation events



# *Anticipated Impacts*

- Increased noise
- Increased traffic
- Restricted water access for Sellers Canal
- Detours
- Sand and dust
- Wetland impacts



# *Timeline*

- **WBV 72: East – West Levee**
  - ▶ 22 Mar 2010: contract awarded
  - ▶ June 2011: expected completion date
  
- **WBV 71: North – South Levee**
  - ▶ 25 Sept 2009: contract awarded
  - ▶ 30 Sept 2009: construction started
  - ▶ Sept 2010: expected completion date



# *Timeline*

- **WBV 74: Closure Structure**
  - ▶ April 2010: expected award date
  - ▶ Sept 2011: expected completion date
  
- **WBV-75: Railroad and Hwy 18 Crossings**
  - ▶ Oct 2010: award date
  - ▶ May 2011: expected completion date



## ***Upcoming Public Meetings***

***Open House 6 p.m. - Presentation 6:30 p.m.***

- ***Thursday, Apr. 29, 2010***

LCA Convent/Blind River

St. James Parish Courthouse, 5800 LA 44

Convent, LA 70723

- ***Thursday, May 13, 2010***

West Bank & Vicinity Mitigation

Delgado Community College, Westbank Campus - Algiers

2600 General Meyer Ave., Rm 130 Auditorium

New Orleans, LA 70114



# *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
- Construction Impact Hotline: **1- 877- 427- 0345**
- Comments can be submitted at any time at  
[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

Questions and comments may be submitted to

Telephone: 504-862-2201

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



---

**BUILDING STRONG®**

# Resources

[www.nolaenvironmental.gov](http://www.nolaenvironmental.gov)

**NOLA Environmental**  
NEW ORLEANS, LOUISIANA  
Environmental Compliance Data Bank  
[www.nolaenvironmental.gov](http://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...

**FEATURED PROJECT**  
USACE-MVNY Emergency Alternative Arrangements  
Greater New Orleans  
Hurricane and Storm Damage  
Risk Reduction System Projects

**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 Stormwatering EA #474 Drafts Public Comment Period 4/17 - 5/23
- Jefferson Parish Pump Station Stormwatering 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 6, 9, 10 and below
- 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 5
- IER 5 - Phase 2 Final Report: Operating Scenario 05/05/09

<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**  
New Orleans District

ABOUT US | SERVICES | BUSINESS | CAREERS | EXPERIENCE | PRESS ROOM | CONTACT US | LINKS

**Floodwall**  
Building more bigger, stronger, better. The U.S. Army Corps of Engineers is continuing to work steadfastly to minimize the hurricane and storm damage risk reduction system (OASRS) by 2015. To this end, the Corps is using valuable resources to construct more resilient levees and floodwalls.

**PUBLIC INFORMATION**

Learn more about what the Corps is doing to reduce risk. [Learn more](#)

Emergency Information  
[Public Meetings](#), [Drafts](#), [Reports](#), [Public Information](#) and [More](#)

NOLA Environmental  
Did you miss a meeting? No problem! Find presentations, presentations and [More](#)

**TOP HEADLINES**

- [Document contains access on YouTube?](#) [More](#)
- [Corps releases environmental document for public review](#)
- [Sign up today's update on WaterBank web discussion website](#)
- [Corps seeks comments on draft EA and public notice for the Lower Harbor Navigation Canal Lock](#)

**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 visit [http://www.usace.army.mil](#)

Unlabeled questions or comments to [ask@usace.army.mil](mailto:ask@usace.army.mil)

**FEATURED VIDEOS**

- [Meet Orleans Complex](#)  
Learn more about the alternative under construction to reduce risk on the World War II Shipyard
- [Hurricane & Storm Damage Risk Reduction Centers](#)  
From levees to canals, tunnels, find out more about system features

HOME | DISCLAIMER | PUBLIC INQUIRY | EMPLOYMENT AND SECURITY | FOIA | INFORMATION QUALITY ACT | ACCESSIBILITY



US Army Corps  
of Engineers  
New Orleans District

# Social Web Networking Communities

*and what they mean to you*

## twitter



is an online messaging and social networking system that allows people to share their daily life experiences minute-by-minute, hour-by-hour, and/or day-by-day via their computer or mobile phone. Team New Orleans is joining in and taking on the opportunity to tweet with the public and offer reports on developments, additions, changes, and upcoming public meetings and events that will affect local communities. Check it out by going to [twitter.com/teamneworleans](http://twitter.com/teamneworleans).

Flickr is an online community platform for global photo management and sharing applications via the web. Team New Orleans has become a part of the movement and is using Flickr to visually explain our projects.

Check out our photos at  
[www.flickr.com/photos/37671998@N05](http://www.flickr.com/photos/37671998@N05).

## flickr



Explore...

## facebook

is a global social networking Web site that links people from across the world and is currently ranked as the most popular of its kind. Team New Orleans is following in the trend and is using Facebook to update the

public about projects, events, activities and public meetings.

Become friends with Team New Orleans by visiting [www.facebook.com](http://www.facebook.com), search New Orleans District.



***Visit the following links to follow us on  
Facebook, Twitter and Flickr:***

<http://www.facebook.com/people/New-Orleans-District/100000017439096>

<http://twitter.com/teamneworleans>

<http://www.flickr.com/photos/37671998@N05>



---

**BUILDING STRONG®**