

# The Corps has launched a new USACE Web Site www.mvn.usace.army.mil

The screenshot displays the USACE website homepage with the following elements:

- Navigation Menu:** ABOUT US, SERVICES, BUSINESS, CAREERS, REFERENCES, PRESS ROOM, CONTACT US, LINKS.
- Header:** US Army Corps of Engineers logo and "New Orleans District" text.
- Search Bar:** search usace [Search]
- Main Content Area:**
  - Floodwalls:** Building them bigger, stronger, better. The U.S. Army Corps of Engineers is continuing to work expeditiously to complete the Hurricane and Storm Damage Risk Reduction System (HSDRRS) by 2011. To this end, the Corps is using valuable lessons learned to construct more resilient levees and floodwalls. [See for yourself >>](#)
  - Public Information:**
    - Hurricane & Flood Risk Reduction:** Learn more about what the Corps is doing to reduce risk [here>>](#)
    - Emergency Information:** Road Closures, Disaster Recovery, Parish Information and [More>>](#)
    - Nola Environmental:** Did you miss a meeting? No problem! Find presentations, summaries and [More>>](#)
- Footer:**
  - TOP HEADLINES:**
    - [document confirming action on Westwego t Harvey](#)
    - [Corps releases environmental document for public review](#)
    - [Corps to provide update on Westbank risk reduction projects](#)
    - [Corps Seeks Industry Input on Design and Construction Techniques for Westbank](#)
  - ASK THE CORPS:**

The Corps wants to hear from you!

**Q.** Do you have information on the closing of Industrial Locks on August 1, 2008 for 60 days?

**A.** Yes, for information regarding the August 1st closing of the Inner Harbor Navigation Canal Lock, [please click here.](#)

Submit questions or comments to [askthecorps@usace.army.mil](mailto:askthecorps@usace.army.mil).
  - FEATURED VIDEOS:**
    - West Closure Complex:** Learn more about the alternatives under consideration to reduce risk on the Westbank. [Watch >>](#)
    - Hurricane & Storm Damage Risk Reduction System:** From levees to pumping stations, [find out more](#) about system features.
- Page-Footer:** 9/9/2008 [DISCLAIMER](#) [PUBLIC INQUIRIES](#) [PRIVACY AND SECURITY](#) [FOIA](#) [INFORMATION QUALITY ACT](#) [ACCESSIBILITY](#)



US Army Corps of Engineers



## IER #4

# New Orleans Lakefront Levees & Floodwalls



# 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 Environmental Assessments (EA), Environmental Impact Statements (EIS), or Individual Environmental Reports (IER)
- Public involvement is KEY: We want to hear from you!
- **Goal: more informed decision making through public involvement**



## Status

### Where We Are:

- March/April '07: NEPA Process began with Public Scoping Meetings
- **Nov '07 through present:** Developing alternatives and conducting impacts analysis and soliciting public input

### Where We Are Going:

- Early '09: Release Draft IER #4
- Early '09: End of 30-day Public Review, Make Final Decision – District Commander signs final IER document

# New Orleans Lakefront Levee - Current Construction: Phase 1 of 100-year level of protection



**LPV 102**  
**Topaz Street to Orleans Avenue:**

*Contract Awarded  
 3 Oct '07*

**99% Complete**

**LPV 103**  
**Orleans Avenue Canal to London Avenue Canal:**

*Contract Awarded  
 3 Dec '07*

**99% Complete**

**LPV 104**  
**London Avenue Canal to IHNC:**

*Contract Awarded  
 13 July '07*

**99% Complete**

***Building Strong***

# New Orleans Lakefront Levee Phase 1A & 2 of 100-year Level of Protection



- Modifications or replacement of floodwalls / gates
- Additional embankment work to meet new design criteria
- Raise road ramps
- Armoring of transitions & utility crossings

# New Orleans Lakefront Levee Phase 1A & 2 of 100-year Level of Protection



<p><b>LPV 101.02</b></p> <p>17th Street Canal to Topaz Street:</p> <p>Contract Award: Q3 '09</p> <p>Duration: 25 months</p>	<p><b>LPV 103.01A</b></p> <p>Orleans Canal to London</p> <p>Contract Award: Q1 '09</p> <p>Duration: 12 months</p>	<p><b>LPV 103.01A2</b></p> <p>Topaz to London Canal</p> <p>Contract Award: Q2 '09</p> <p>Duration: 14 months</p>	<p><b>LPV 104.01</b></p> <p>London Canal to IHNC:</p> <p>Contract Award: Q1 '09</p> <p>Duration: 14 months</p>	<p><b>LPV 104.02</b></p> <p>London Canal to IHNC:</p> <p>Contract Award: Q2 '09</p> <p>Duration: 18 months</p>
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# IER #4 LPV 101.02

## 17<sup>th</sup> St. Canal to Topaz St.



# IER #4 LPV 101.02

## 17<sup>th</sup> St. Canal to Topaz St.



- **West End levee**
  - Construct floodwall along existing levee alignment
  - Raise levee
- **Gate L-1A**
  - Remove and replace existing gate
  - Remove gate and replace with ramp
- **Existing floodwall between gates L-1A and L-5**
  - Retrofit / replace existing floodwall and gates
  - Raise Lake Marina Avenue
  - Realignment of floodwall to marina seawall

# IER #4 LPV 101.02

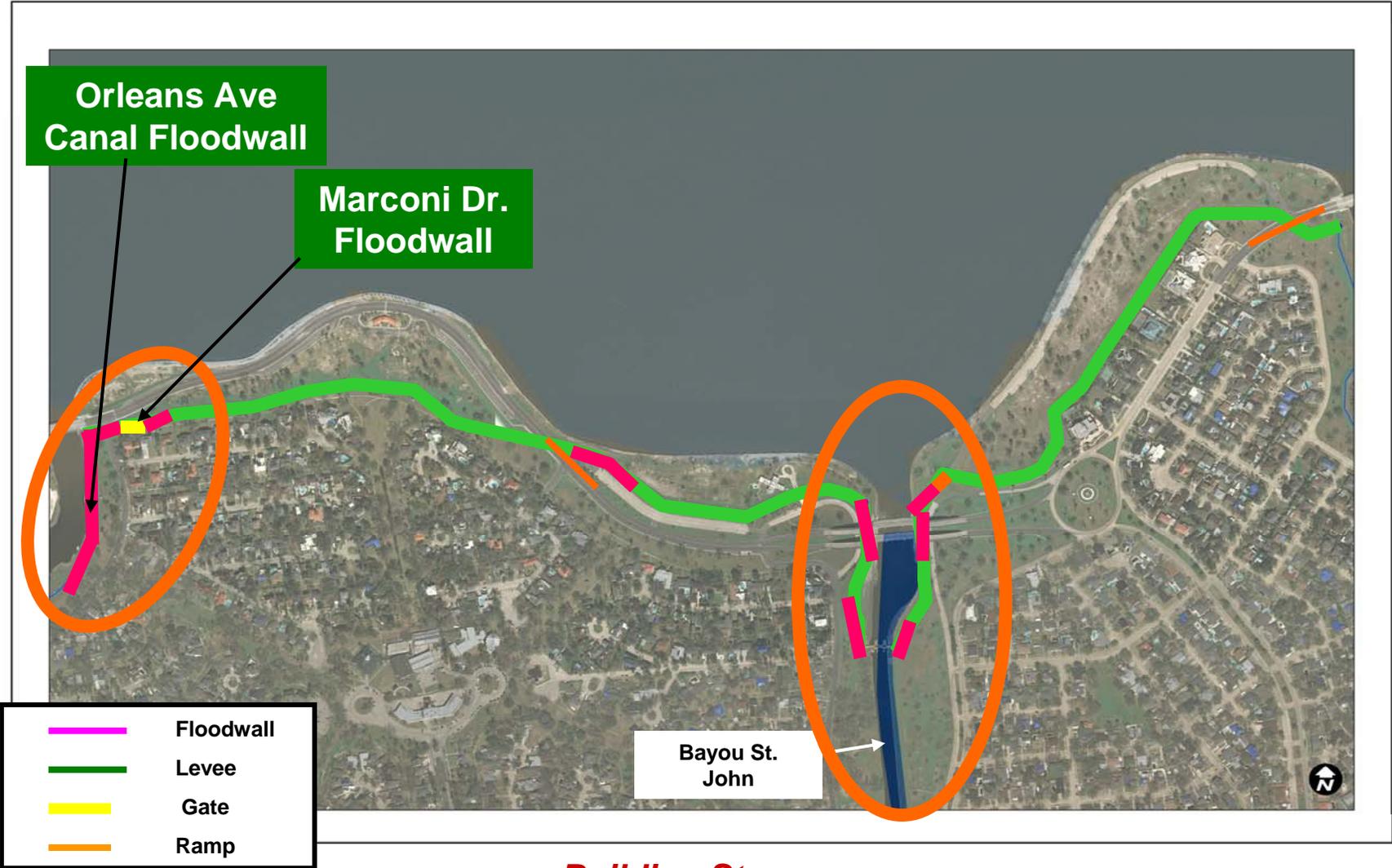
## 17<sup>th</sup> St. Canal to Topaz St.



- **Gate L-4 and floodwalls along Pontchartrain Blvd**
  - Realign HPS and construct new floodwall and gate L-4A adjacent to Lake Marina Avenue
  - Remove floodwall and gate L-4 and replace on existing alignment
- **East End levee between Topaz Street and Gate L5**
  - Construct floodwall along existing levee alignment
  - Raise levee with and without supplemental retaining walls

# IER #4 LPV 103.01A1

## Orleans Canal to London Ave



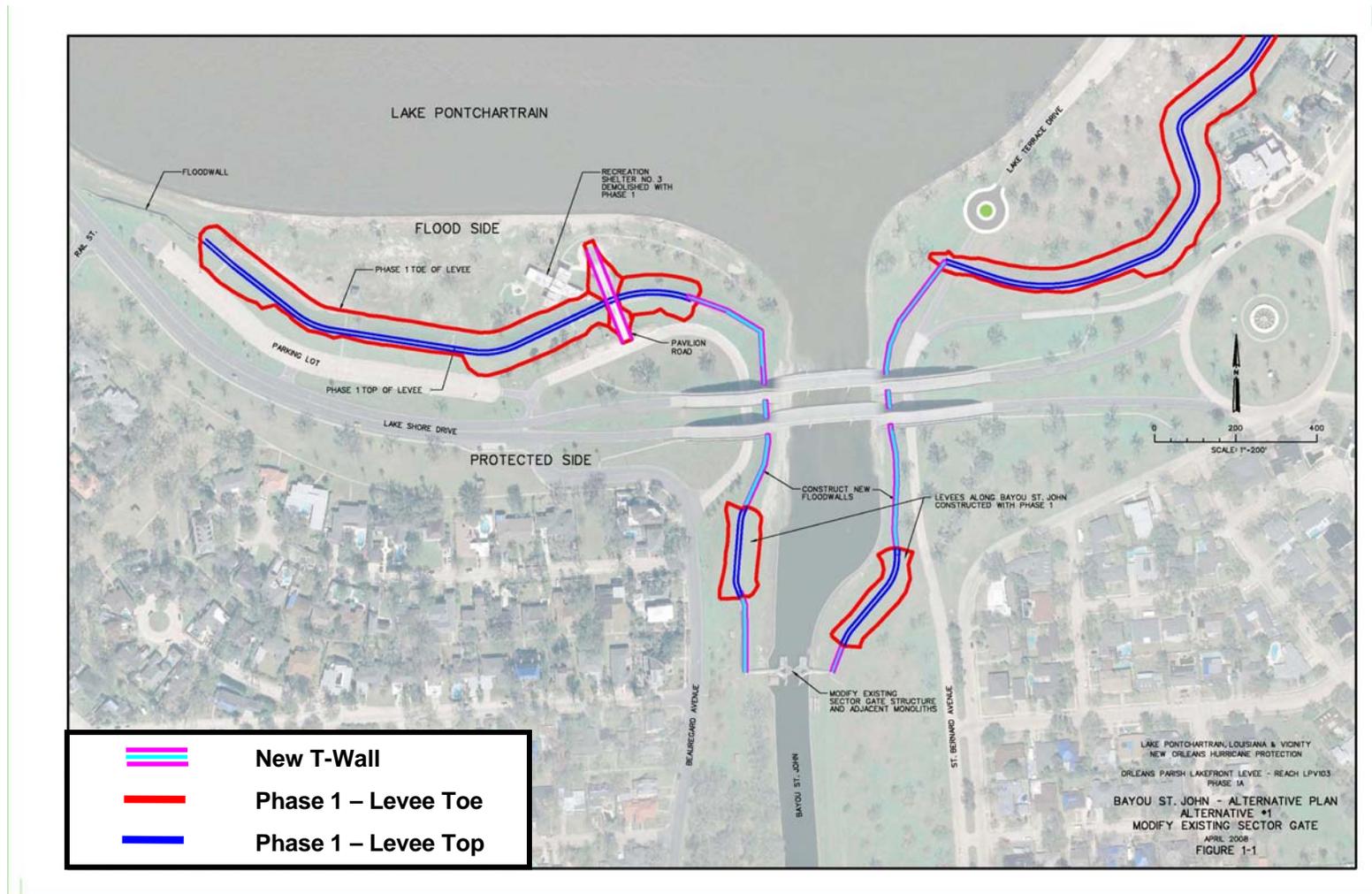
# IER #4 LPV 103.01A1

## Orleans Canal to London Ave



- Marconi Drive floodwall
  - Retrofit / replace
  - Remove floodgate; construct new levee
- Orleans Ave canal floodwall
  - Minor rehabilitation work along scour protection and transformer locations
- Bayou St. John floodwall & sector gate structure
  - Raise existing sector gate structure; modify or replace existing adjacent floodwalls and levees
  - Construct new embankment closure structure with sluice gates
  - Construct new sector gate structure

# IER #4 LPV 103.01A1 – Bayou St. John walls on existing alignment



# IER #4 LPV 103.01A2

## Orleans Canal to London Ave



- **Rail Street ramp**
  - Raise ramp
  - Construct new floodgate
  
- **Lakeshore Drive at London Ave Canal ramp**
  - Raise ramp
  - Construct new floodgate

# IER #4 LPV 104.01 London Ave Canal to IHNC



# IER #4 LPV 104.01

## London Ave Canal to IHNC



- **Canal Blvd ramp**
  - Raise ramps
  - Construct new floodgate
- **Lakeshore Drive ramps east / west of UNO research facility**
  - Raise ramp
  - Construct gated closure
- **Pontchartrain Beach**
  - Convert I-wall to L-wall on current alignment
  - Remove gates and replace with new floodwall
  - Remove floodwall and gates and replace with levee section

# IER #4 LPV 104.01

## London Ave Canal to IHNC



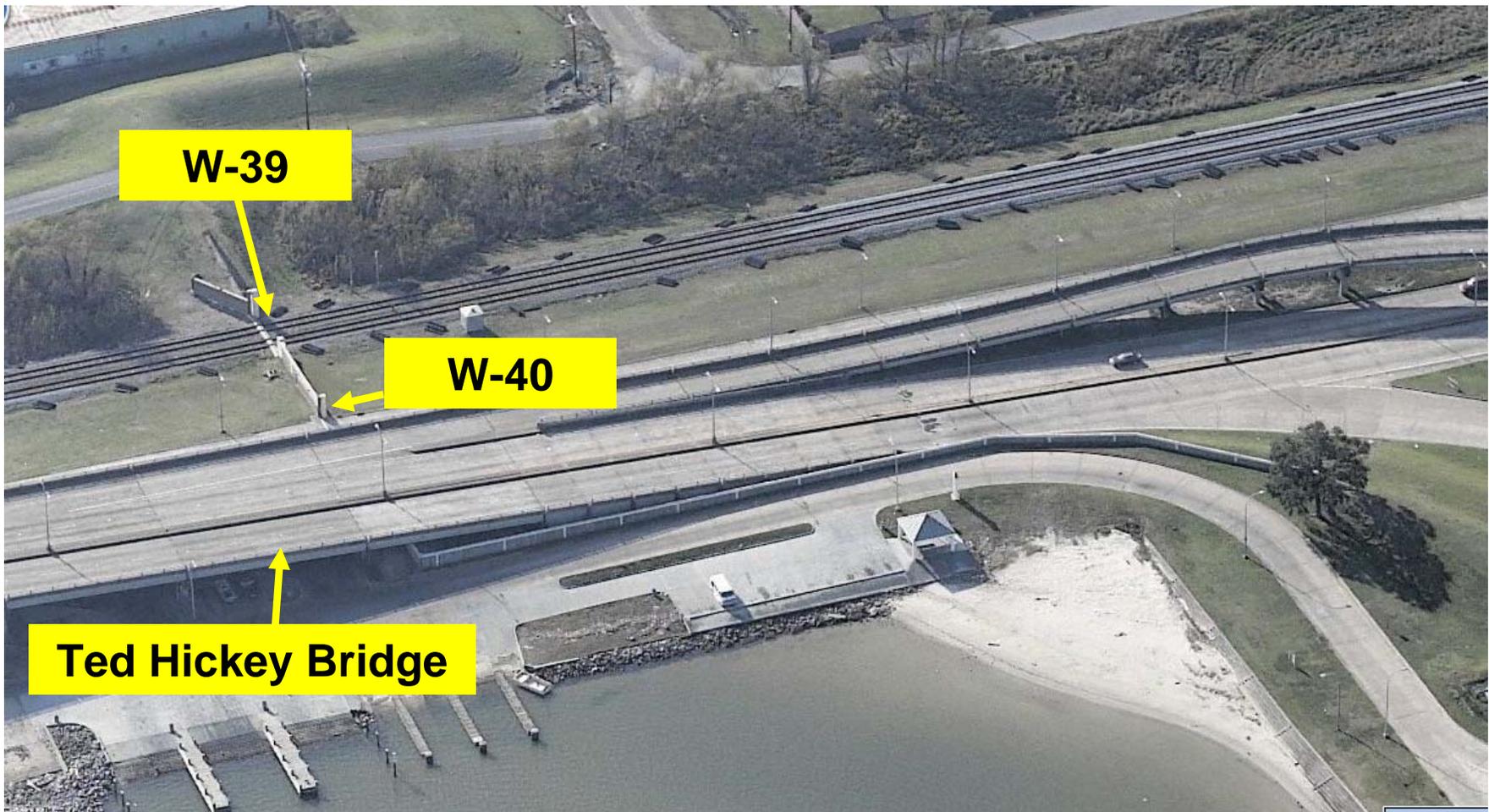
- **American Standard floodwall**
  - Convert I-wall to L-wall; leave T-wall as is
  - Construct new floodwall
  - Remove floodwall and replace with levee section
- **Leroy Johnson Drive Ramp / Franklin Ave Ramp**
  - Raise ramp
  - Construct gated closure
- **Gate L-10**
  - Construct new gate
  - Remove gate and replace with levee section
- **Gate L-11**
  - Modify or replace gate

# IER #4 LPV 104.02

## London Ave Canal to IHNC



- **Seabrook Floodwall**
  - Replace or modify existing floodwall or gates





## Opportunities for Public Input

- Monthly Public Meetings throughout New Orleans Metro 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](http://www.nolaenvironmental.gov)
- Individual Environmental Reports (IER) 30-day Public Review

Questions and comments regarding Hurricane Protection 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)**