

# IER Status Updates

CEMVN/NGO Quarterly  
Meeting  
22 January 2010



US Army Corps of Engineers  
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# IER 1 & IERS 1.a

## La Branche Wetlands Levee

- **Project Location:** St. Charles Parish
- **Purpose & Need:** To reduce risk for residents of the project area from flood surges and related wave run-up associated with an event having a 1% chance of occurrence in any year.
- **Status:** IER 1 Decision Record signed June 2008; IERS 1.a Decision Record signed June 2009
- **Contract Award Dates:**

LPV-04.1	6/28/09
LPV-04.2A	9/28/09
LPV-04.2B	12/17/09
LPV-05.2A	12/17/09
LPV-05.2B	11/24/09
LPV-06A.2	12/13/09
LPV-06.C	12/18/09
LPV-07B.2A	10/15/09
LPV-07C.2	12/30/09
LPV-07D.2	8/14/09



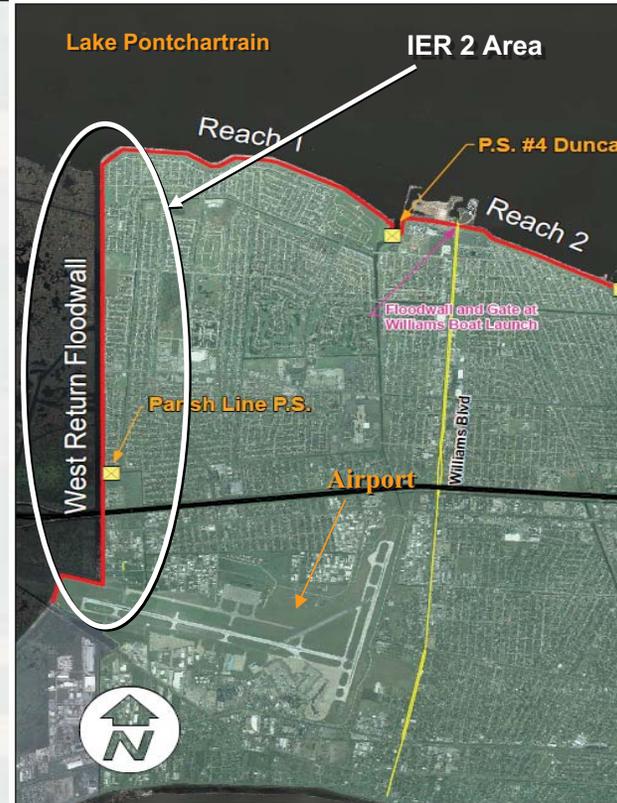
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# IER 2 and IERS 2.a

## West Return Floodwall

- **Project Location:** Jefferson and St. Charles Parishes
- **Purpose & Need:** To reduce risk for residents of the project area from flood surges and related wave run-up associated with an event having a 1% chance of occurrence in any year.
- **Status:** IER 2 Decision Record signed July 2008, IERS 2.a Decision Record signed October 2009
- **Contract Award Dates:**

LPV-03.2B 12/30/09

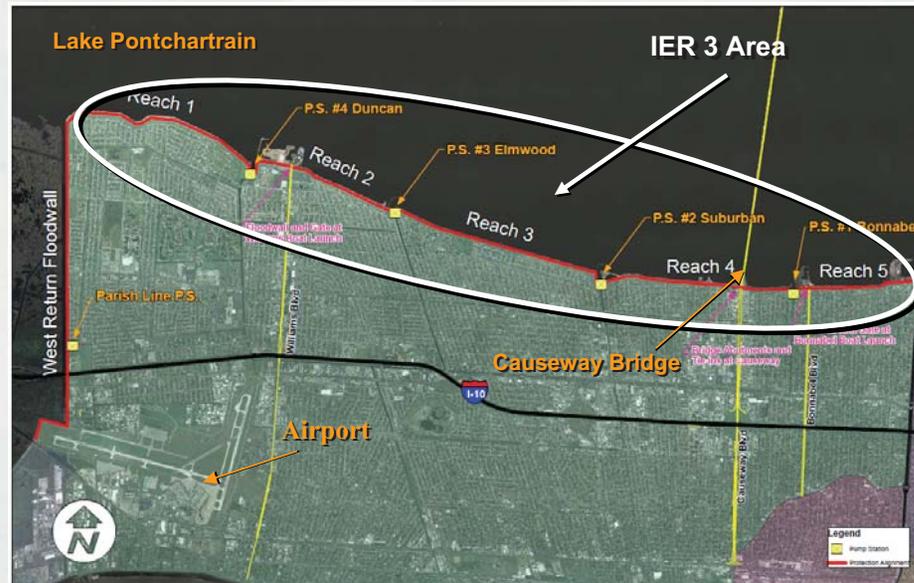


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# IER 3 and IERS 3.a Lake Front Levee

- **Project Location:** Jefferson Parish
- **Purpose & Need:** To reduce risk for residents of the project area from flood surges and related wave run-up associated with an event having a 1% chance of occurrence in any year.
- **Status:** IER 3 Decision Record signed July 2008, IERS 3.a Decision Record signed December 2009
- **Contract Award Dates:**

LPV-00.2	8/18/09
LPV-01.1	7/14/09
LPV-02.2	7/14/09
LPV-09.2	7/31/09
LPV-09A.2	5/7/09
LPV-12A.2	8/21/09
LPV-16.2	12/15/09
LPV-18.2	9/10/09
LPV-19.2	9/3/09
LPV-20.1	10/27/09



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# IER 6 Supplemental

## Description

- Public Review Period: Dec. 18, 2009 – Jan. 16, 2009; Decision Record imminent
- 2 foot floodwall addition in lieu of raising levee on LPV 106 and LPV 107, and 2,000 ft of existing levee on LPV 105.02

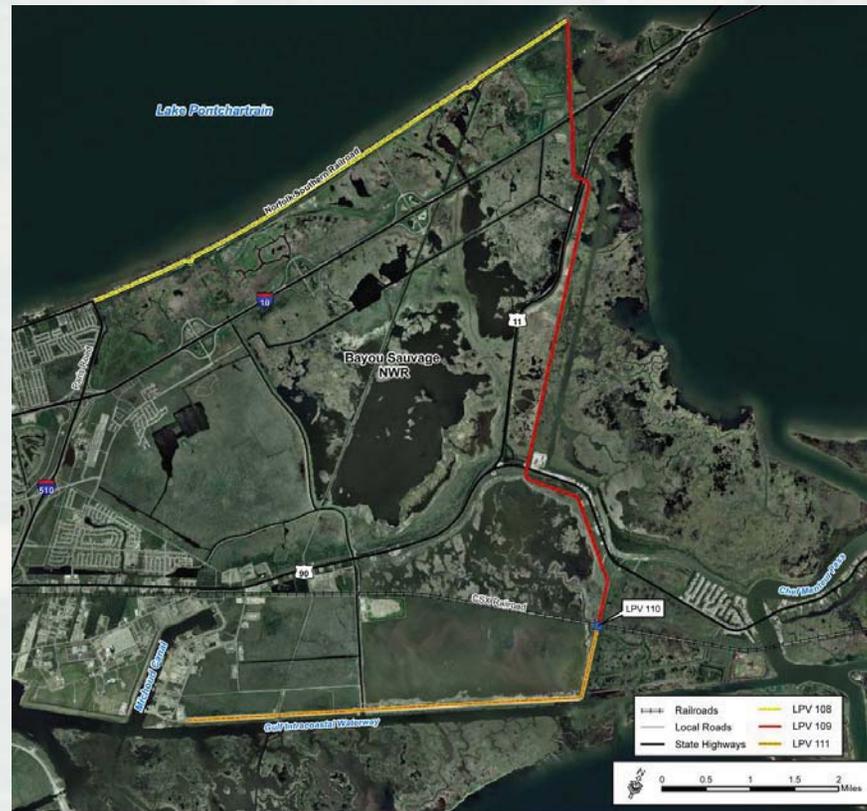
## Impact Analysis

- Within existing levee Right of Way
- Passive recreational uses of the levee crown would still be available, but access to Lake Pontchartrain would be hindered
- Eliminates terrestrial wildlife access to Lake Pontchartrain; wildlife driven towards Bayou Sauvage National Wildlife Refuge for lake access



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# IER 7 Supplemental



Anticipated Public Review Period: March 2010



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**Slide 6**

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**kj3**

k, 1/20/2010

# IER 7 Supplemental

- **Modifications include:**
  - ▶ temporary traffic control bridge on Interstate 10 (I-10) across Irish Bayou
  - ▶ raising and relocation of U.S. Fish and Wildlife Service (USFWS) pump stations on LPV109 and LPV 111, and provision of temporary pumps during construction
  - ▶ expansion of the limits of construction of the LPV 109 levee/highway tie-ins and at the Highway 90 and I-10 crossings
  - ▶ barge access points along LPV 111
  - ▶ expansion of the LPV 111 limits of work to include the entire existing Right of Way
  - ▶ possible construction of T-wall along portion of LPV 111



# IER 9 - LPV 149: Caernarvon Floodwall Alignments



# IER 9 - LPV 149: Caernarvon Floodwall Proposed Action

## Description:

- A new T-wall alignment will be constructed across the Caernarvon Canal and continue along the western side of the canal
- The new alignment will include:
  - ▶ New overhead trolley gates across Hwy 39 and the Norfolk Southern Railroad
  - ▶ New sector gate across the Caernarvon Canal

**Existing Elevation: 14'    Project Elevation: 26'**



# IER 9

## LPV 149: Caernarvon Floodwall Status

- IER Public Review Period ended on Dec. 24, 2009;
- 404 Public Review Period ended on Jan. 4, 2010;
- The 100% design was submitted in December 2009;
- The construction contract is scheduled to be awarded in April 2010.



# IER 11 Tier 2 Pontchartrain Project Chronological Development

## Where We Are:

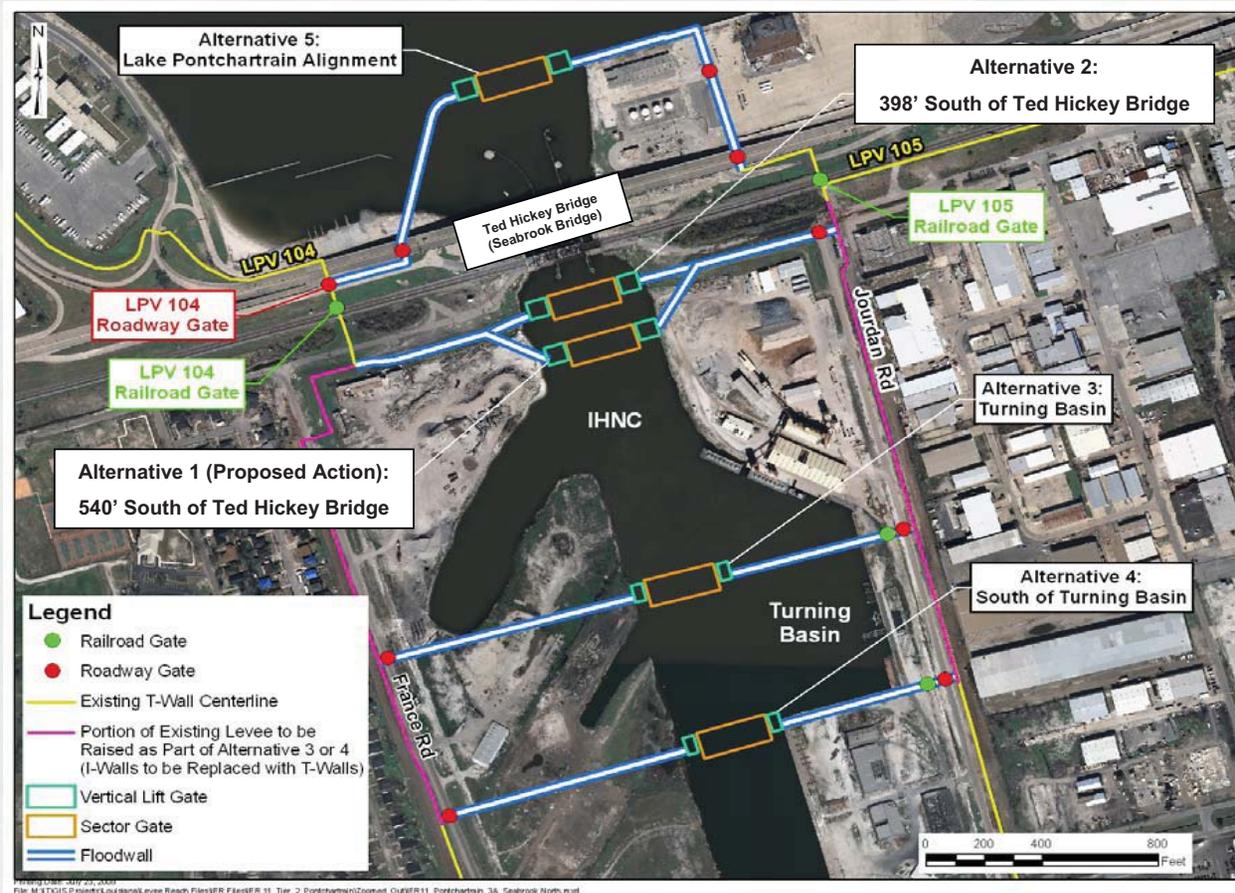
- **March 14, 2008** - Decision Record for IER 11 Tier 1
- Engineering Alternatives Report
- Hydraulic Modeling
- Alternatives Evaluation

## Where We Are Going:

- December 2009: Release Draft IER 11 Tier 2 Pontchartrain for 30-day public comment period extended until Jan. 27, 2010
- IER Decision Record & Finalize IER



# IER 11 Tier 2 Pontchartrain Alternatives



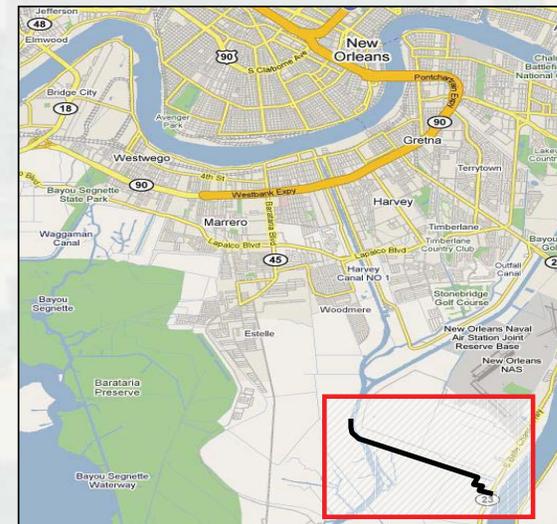
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# IER 11 Tier 2 Proposed Action



# Westbank and Vicinity Hero Canal Levee and Eastern Tie-In IER 13 and Addendum

- **Project Location:** Plaquemines Parish
- **Purpose & Need:**  
To construct and maintain 100-year level of risk reduction for the residents and businesses in the Belle Chasse and Oakville vicinity.
- **IER 13 and Addendum to IER 13 Decision Record Date:**  
04 Dec 2009
- **Addendum Scope Changes:**  
To address substantive comments on IER
  - \*increased risk of flooding
  - \*impact to the interior drainage system
  - \*property values and flood insurance
- **Contract Award Dates:**
  - ▶ WBV-09a      March 2010
  - ▶ WBV-09b      March 2010
  - ▶ WBV-09c      April 2010
  - ▶ WBV-12      April 2010
- **Possible Relocations Supplement needed**



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# West Bank and Vicinity Project Status IER #14 Westwego to Harvey

**Project Location:** Jefferson Parish

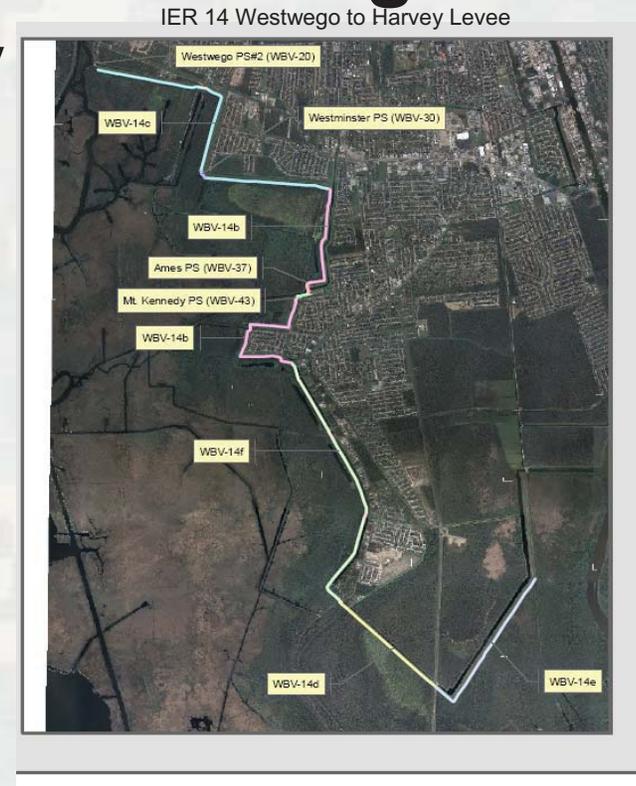
**Status:**

**IER #14 Decision Record Signed 26 August 2008**

**IER #14.a Decision Record Signed 15 January 2010**

Contract	Award Date
WBV-14.c. New Westwego to Orleans Village Levee	3/2010
WBV- 30 Westminster PS	9/2009
WBV-14.b Orleans to HWY 45 Levee	9/2009
WBV-37 Ames/Mt Kennedy PS	4/2010
WBV-14.f Hwy 45 Levee	9/2009
WBV-14.d V-Line Floodwall	7/2009

Green indicates contract has been awarded



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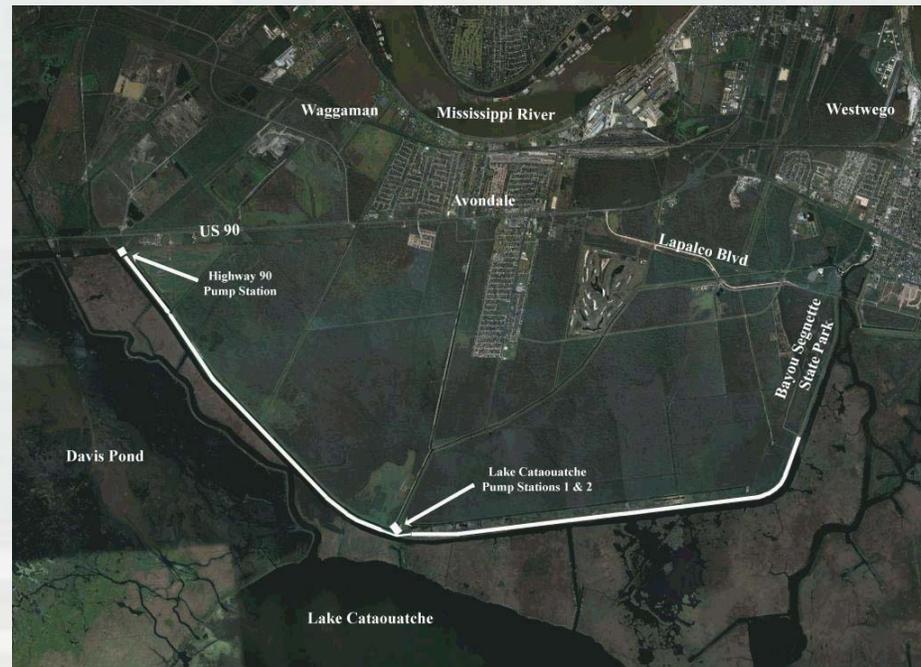
# West Bank and Vicinity Lake Cataouatche Levee IER 15 Supplemental

**Project Location:** Jefferson Parish

**Purpose & Need:** To construct and maintain 100-year level of risk reduction to the residents and businesses in the Lake Cataouatche area

**IER 15 Decision Record Date:**  
12 June 2008

**Supplemental Scope Changes:**  
Utility Relocation 15.a.2 reach

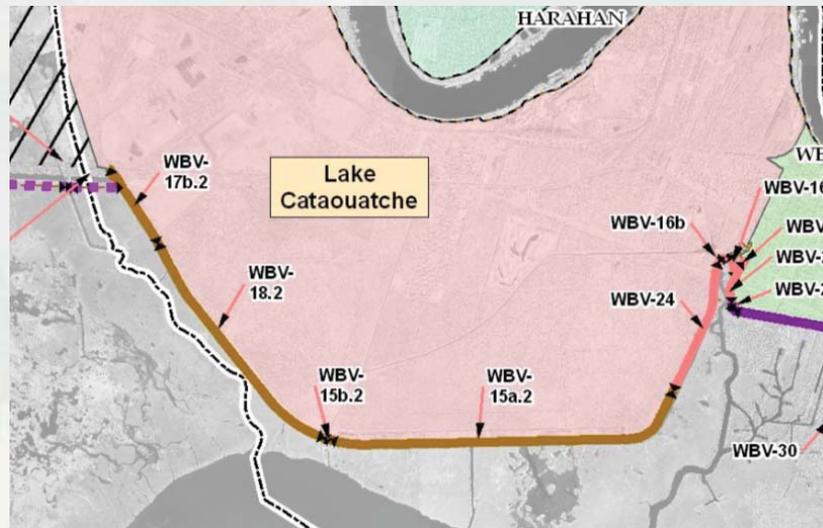


# West Bank and Vicinity Lake Cataouatche Levee IER 15 Project Status

**Project Location: Jefferson Parish**

<b>Contract</b>	<b>Award Date</b>
<b>WBV- 17.b.2 Levee</b>	<b>6/2010</b>
<b>WBV-18.2 Levee</b>	<b>8/2009</b>
<b>WBV-15.b.2 Lake Cat PS Front P</b>	<b>4/2009</b>
<b>WBV-15.a.2 Lake Cat to Seg Levee</b>	<b>1/2010</b>

**Green indicates contract has been awarded**



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# West Bank and Vicinity Western Terminus (Western Tie-In) IER 16 Supplemental

**Project Location:** St. Charles and Jefferson Parishes

**Purpose & Need:** To construct and maintain 100-year level of risk reduction for the Western Terminus Area and close gap in WBV project

**Decision Record Date:**

12 June 2009

**Supplemental Scope Changes:**

RR Closure Structure to Ramp at Hwy 18 (River Road)

Utility Relocations at WBV-71, 72 and 73.

Degrade Davis Pond Guide Levee

Replace Hwy 90 Pump Station

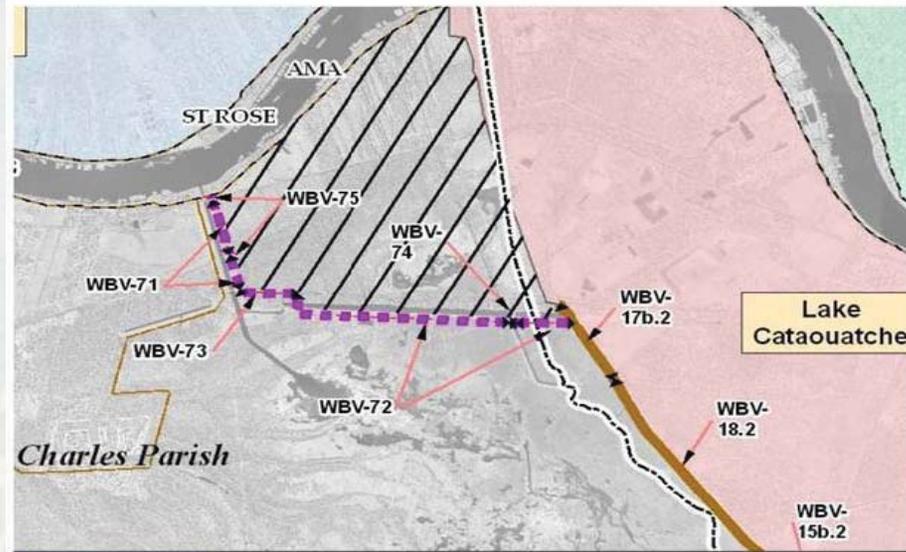


# West Bank and Vicinity Western Terminus (Western Tie-In) IER 16 Supplemental

**Project Location: St. Charles and Jefferson Parishes**

<b>Contract</b>	<b>Award Date</b>
WBV-70 Sand Cells	9/2009
WBV-71 North South Levee	9/2009
WBV-72 E/W Levee	3/2010
WBV-73 Hwy 90 Crossing	4/2010
WBV-74 Nav Closure Structure	3/2010
WBV-75 Railroad Crossing	6/2010
WBV-76 Pump Sta Replacement	9/2010

Green indicates contract has been awarded



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# West Bank and Vicinity Company Canal IER 17

**Project Location:** Jefferson Parish

**Purpose & Need:** To construct and maintain 100-year level of risk reduction for the Company Canal Area

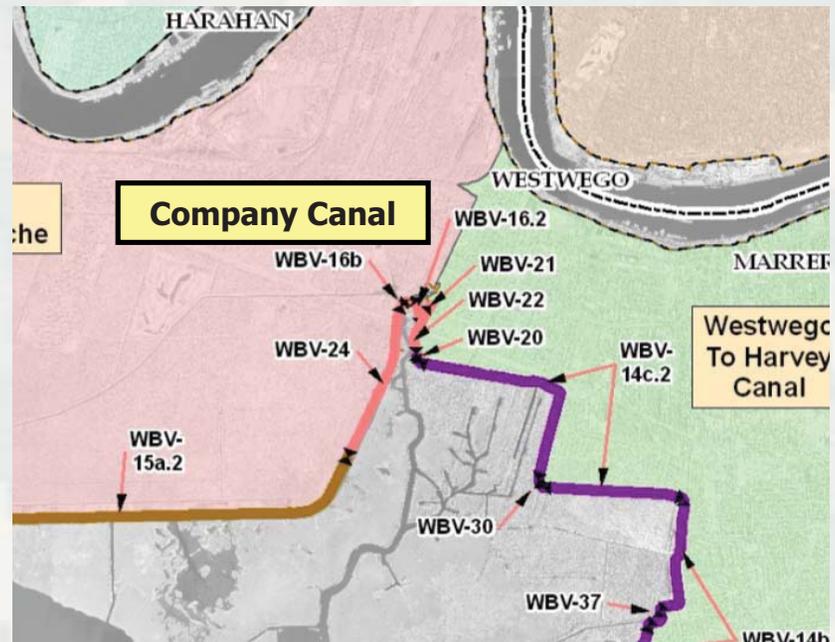
**IER 17 Decision Record Date:**

21 Jan 2009

**Contract**

**Award Date**

WBV-24 Segnette St Park FW	12/2009
WBV-16.b Segn St. Park FP	1/2010
WBV-16.2 Bayou Segnette Complex	2/2010
WBV-21 Old Westwego PS	3/2010
WBV-22 Westwego Floodwall	10/2009
WBV-20 New Westwego PS	10/2009



Green indicates contract has been awarded



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# IER 24: Stockpile Areas

- Three proposed sites near the Bonnet Carré Spillway





# IER 31: Contractor-Furnished Borrow Material #7

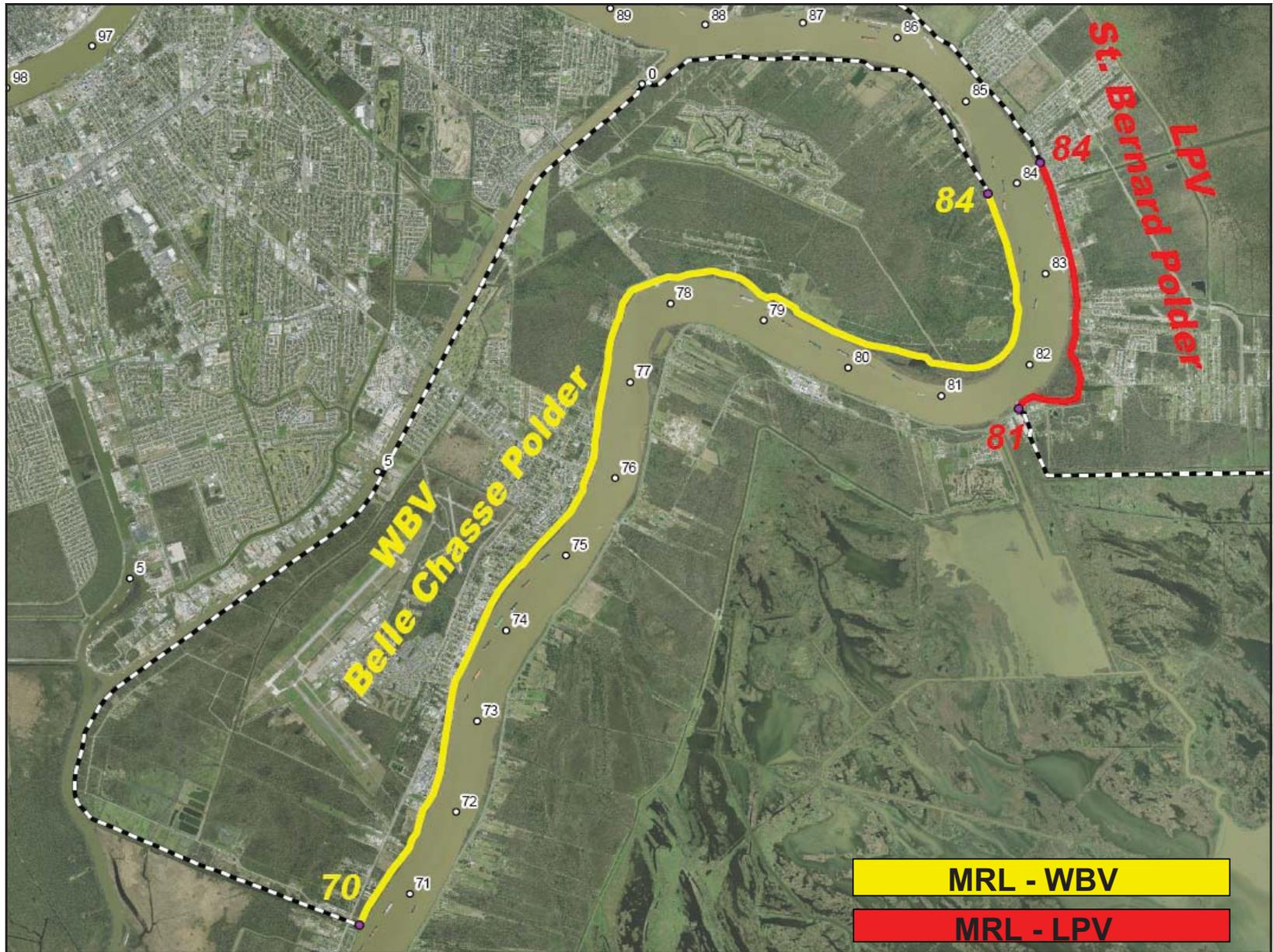
- Approximately seven sites in the metropolitan New Orleans Area
- Sites will be finalized before IER public release in June 2010



# IER 33 & IER 34

- HSDRRS-MRL Co-Located Work



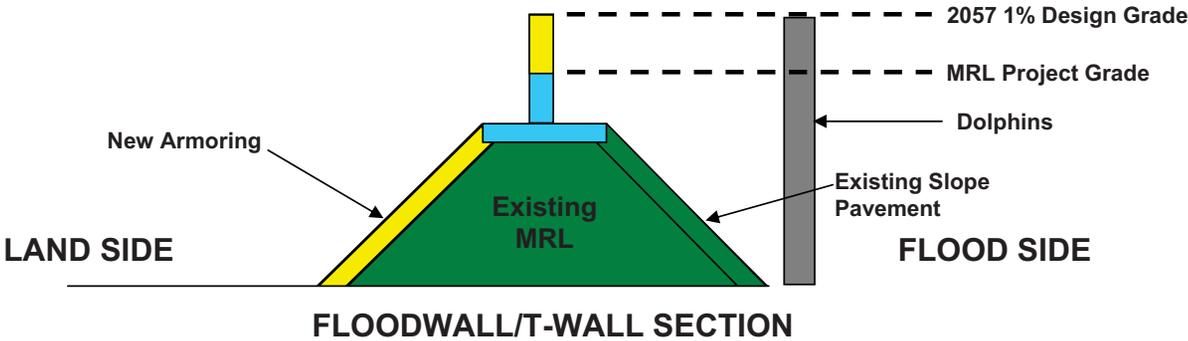
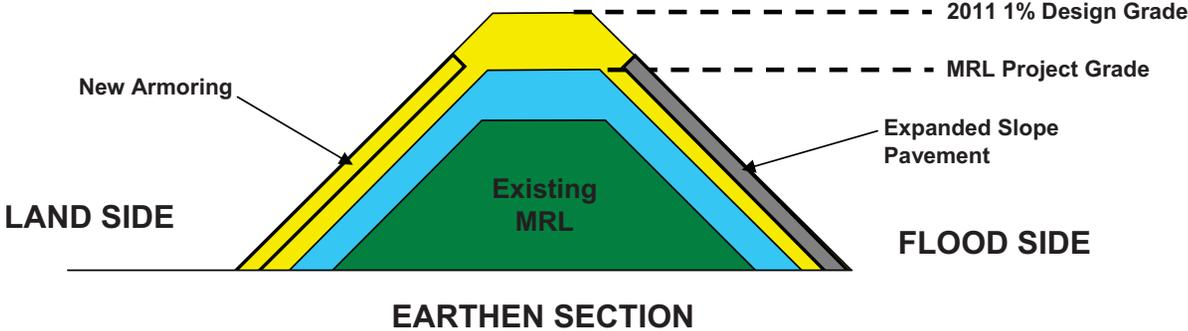


# HSDRRS-MRL Co-Located Work

- The HSDRRS ties into the existing Mississippi River Levees (MRL) for both east and west bank
- In order to provide 100-yr risk reduction from storm surge, the Corps will need to make additional improvements to the MRL in areas co-located with the HSDRRS
- 14 miles of MRL within the West Bank and Vicinity, LA project (WBV) will require an increase in existing elevations up to 3.5' at River Mile (RM) 70 decreasing to no increase needed at RM 84
- 3 miles of MRL within the Lake Pontchartrain and Vicinity, LA project (LPV) will require an increase in existing elevations up to 0.5' at RM 81 decreasing to no increase needed at RM 84



# Design Considerations



# HSDRRS-MRL Co-Located Work

- The Corps is performing necessary engineering and environmental analysis to determine required designs
- The Corps remains committed to deliver the HSDRRS to Greater New Orleans by June 2011

