

The background of the slide is a close-up of the American flag, showing the stars and stripes. A golden, stylized castle or fortress graphic is positioned on the right side of the slide, partially overlapping the flag's stripes.

***LA SEN David Heitmeier
Town Hall Meeting
Marrero, Louisiana***

***by
COL Al Lee
Commander, New Orleans District***

June 1, 2009



US Army Corps of Engineers
Team New Orleans

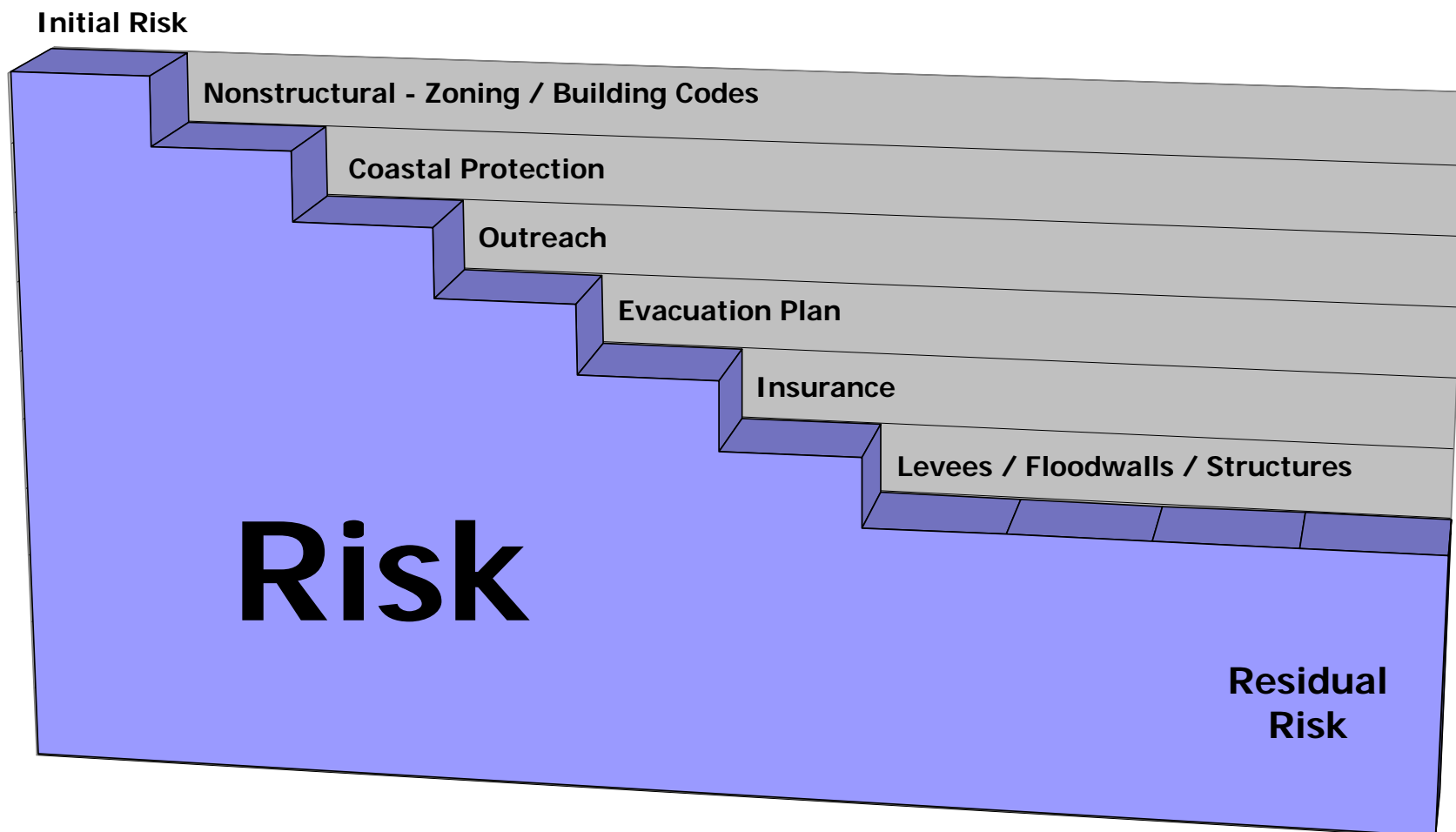


Agenda

- **West Bank & Vicinity Program Overview**
- **Project Updates**
- **2009 Hurricane Preparedness**



Buying Down Risk





Authority West Bank & Vicinity

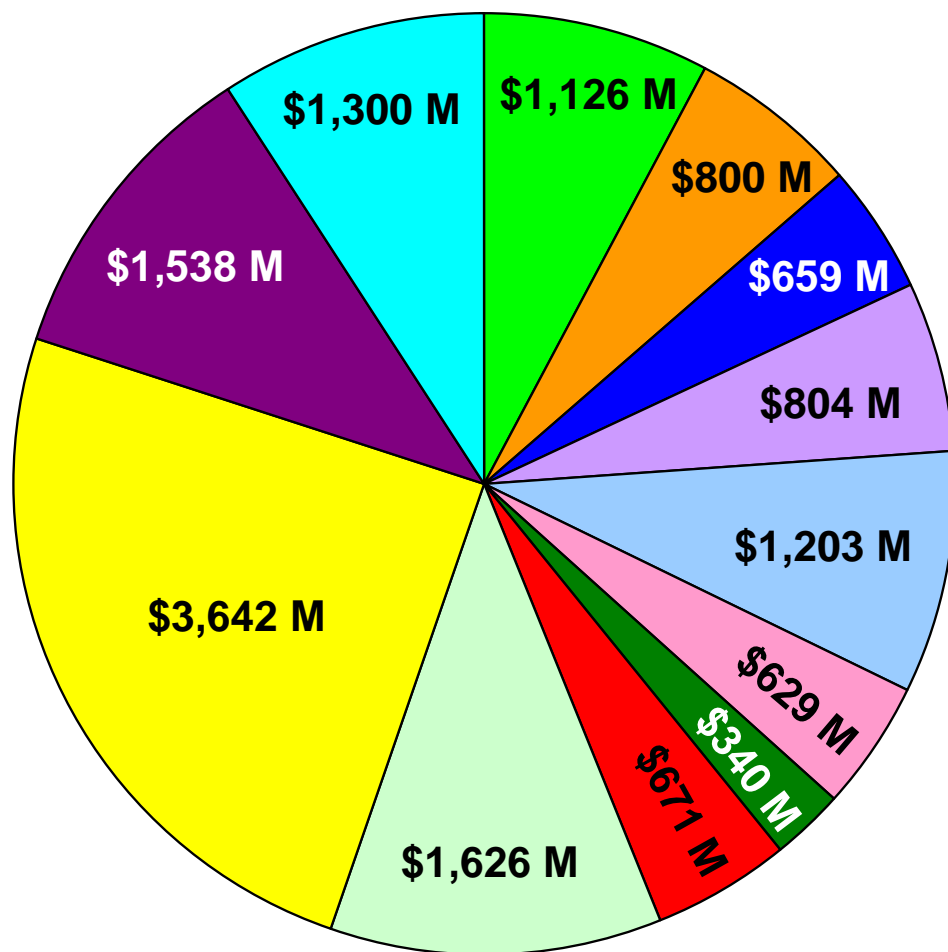
- The Water Resources and Development Acts (WRDA) of 1986, 1996 and 1999 authorized the Secretary of the Army to construct the West Bank and Vicinity Project for hurricane storm damage and risk reduction in Southeast Louisiana west of the Mississippi River in Orleans, Jefferson and Plaquemines parishes. The project was authorized cost shared as 65% Federal and 35% non Federal.
- The project was approximately 40% complete when the hurricanes of 2005 hit the area.
- The 3rd Emergency Supplemental authorized and appropriated funds for the repair and restoration of the project as well as the accelerated completion of the project at full Federal expense.
- The 4th Emergency Supplemental authorized and appropriated funds to raise levees, replace floodwalls and otherwise enhance the system to provide the levels of protection necessary to achieve certification for participation in the National Flood Insurance Program (NFIP).
- The 5th, 6th and 7th Emergency Supplemental Appropriations Acts added funds.



US Army Corps of Engineers Team New Orleans



TOTAL APPROPRIATED HSDRRS FUNDS: \$14.3 Billion



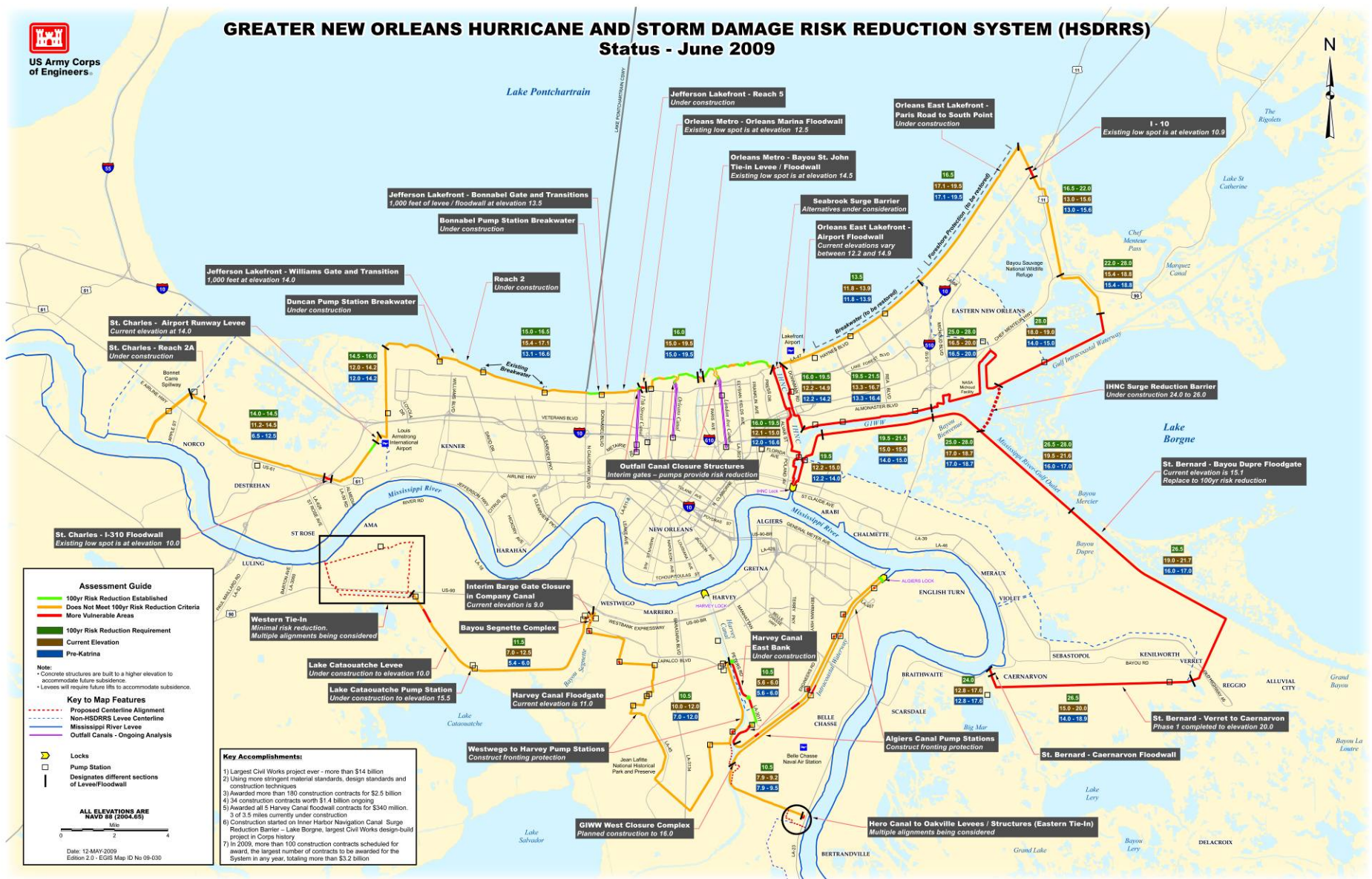
COMPONENT	\$ (M)
<i>Repair Existing System</i>	\$1,126
<i>Restore to Design Height</i>	\$800
<i>Complete Authorized System</i>	\$659
<i>Permanent Pump Stations</i>	\$804
<i>IHNC Navigable Floodgates</i>	\$1,203
<i>Selective Armoring</i>	\$629
<i>Storm-proof Existing Pump Stations</i>	\$340
<i>Incorporate non-Fed Levees in Plaquemines Parish</i>	\$671
<i>I-Wall Replacement</i>	\$1,626
<i>100-year Level of Protection</i>	\$3,642
<i>SELA (Interior Drainage)</i>	\$1,538
<i>5th Supplemental: Restore and Complete (LPV&WBV)</i>	\$1,300



US Army Corps of Engineers Team New Orleans



GREATER NEW ORLEANS HURRICANE AND STORM DAMAGE RISK REDUCTION SYSTEM (HSDRRS) Status - June 2009





West Bank and Vicinity Project Partnership Agreement

- ***WBV PPA*** signed:
 - 6 November 2008
- More than \$2 Billion in West Bank Projects
- *Construction began Apr 2009*
- *Cost Share agreement*
 - 65% Federal
 - 35% State
 - 30 years to pay monetary portion



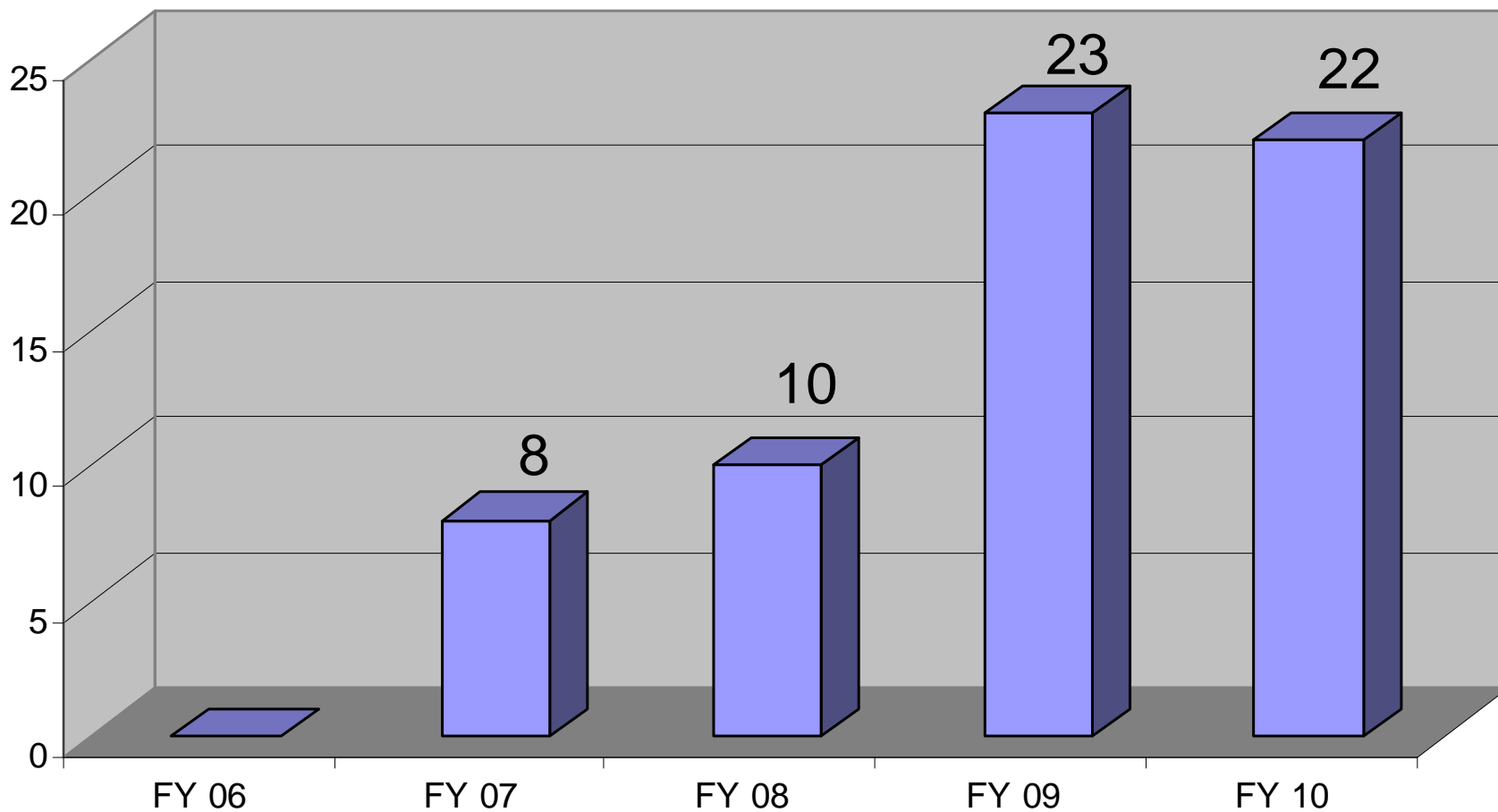
Assistant Secretary of the Army for Civil Works, the Honorable John Paul Woodley, Jr., and the Director of the State of Louisiana's Coastal Protection and Restoration Authority (CPRA), Garret Graves



US Army Corps of Engineers Team New Orleans



West Bank Contracts Awarded



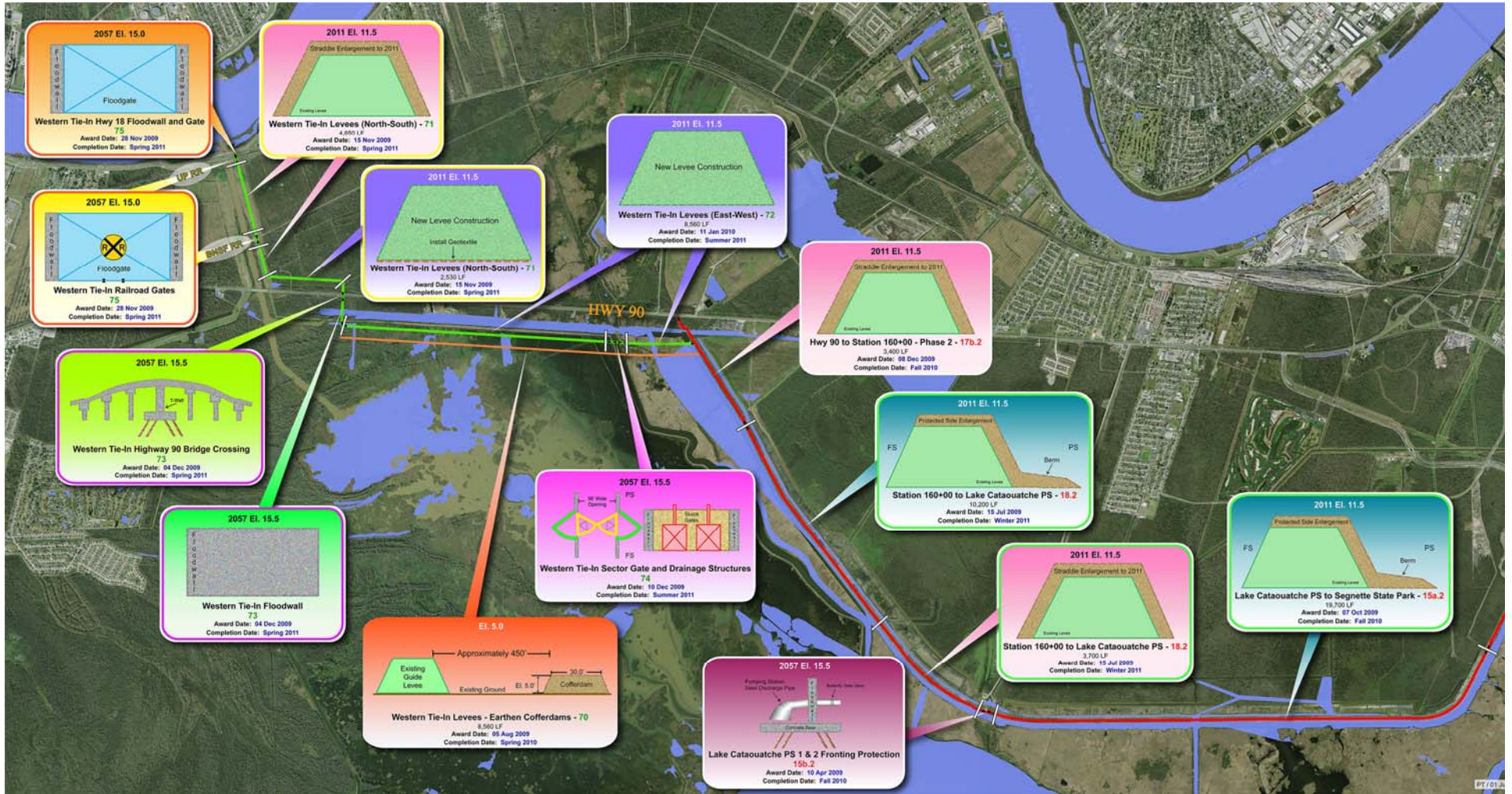



Project Coordination

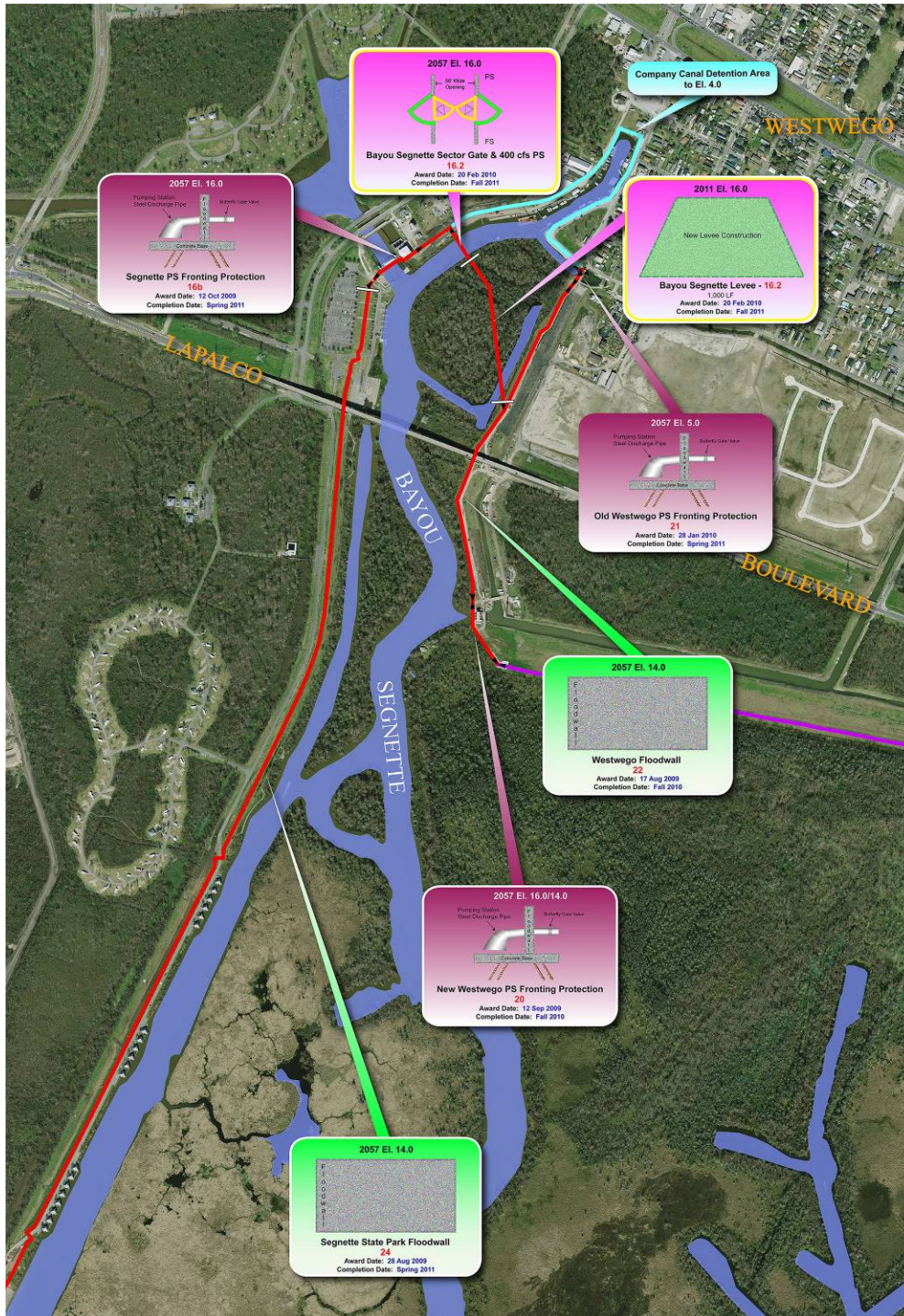
- The West Bank and Vicinity Project Coordination Team (PCT) consists of members from:
 - USACE
 - CPRA
 - SLFPA-W
 - LA DOTD
 - Jefferson Parish
 - Plaquemines Parish
 - St Charles Parish
- Team meets biweekly to discuss project status (design and construction), and project requirements and issues.
- The PCT is also engaged in review of design documents, plans and specifications, real estate requirements, and inspections during construction.

WBV Project Status

Western Tie-In and Lake Cataouatche Area




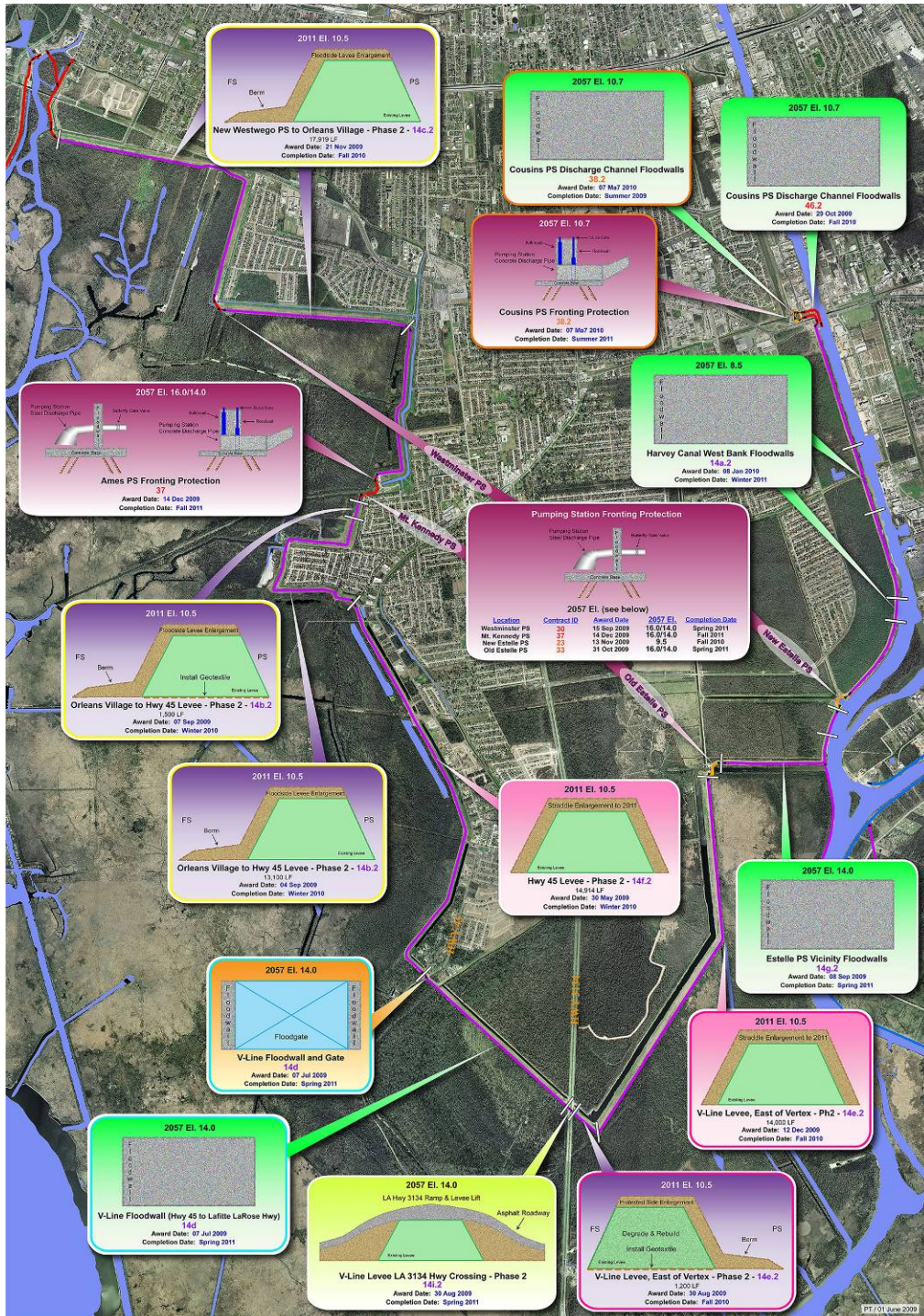
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WBV Project Status


Bayou Segnette

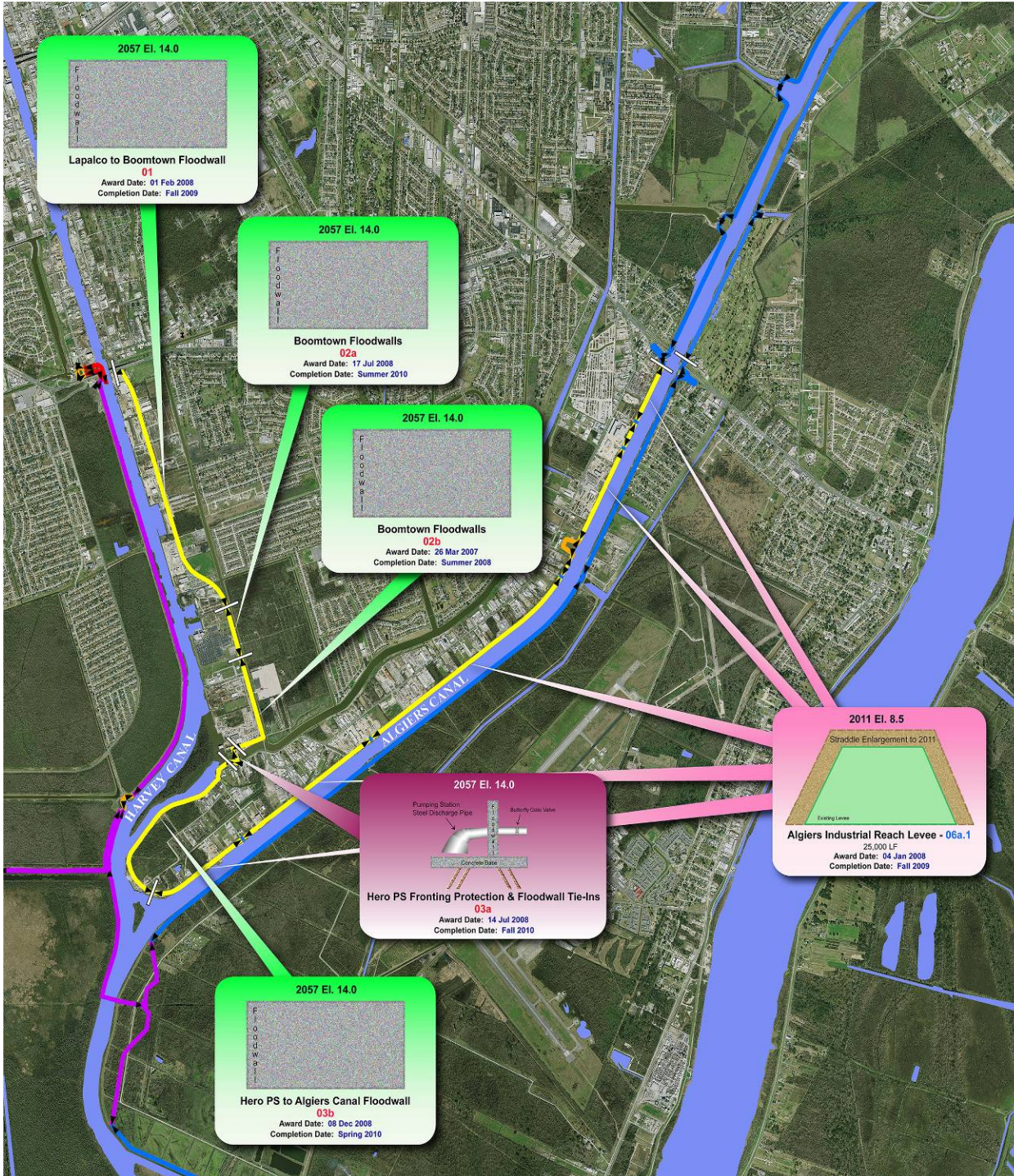
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WBV Project Status

Westwego to Harvey Canal


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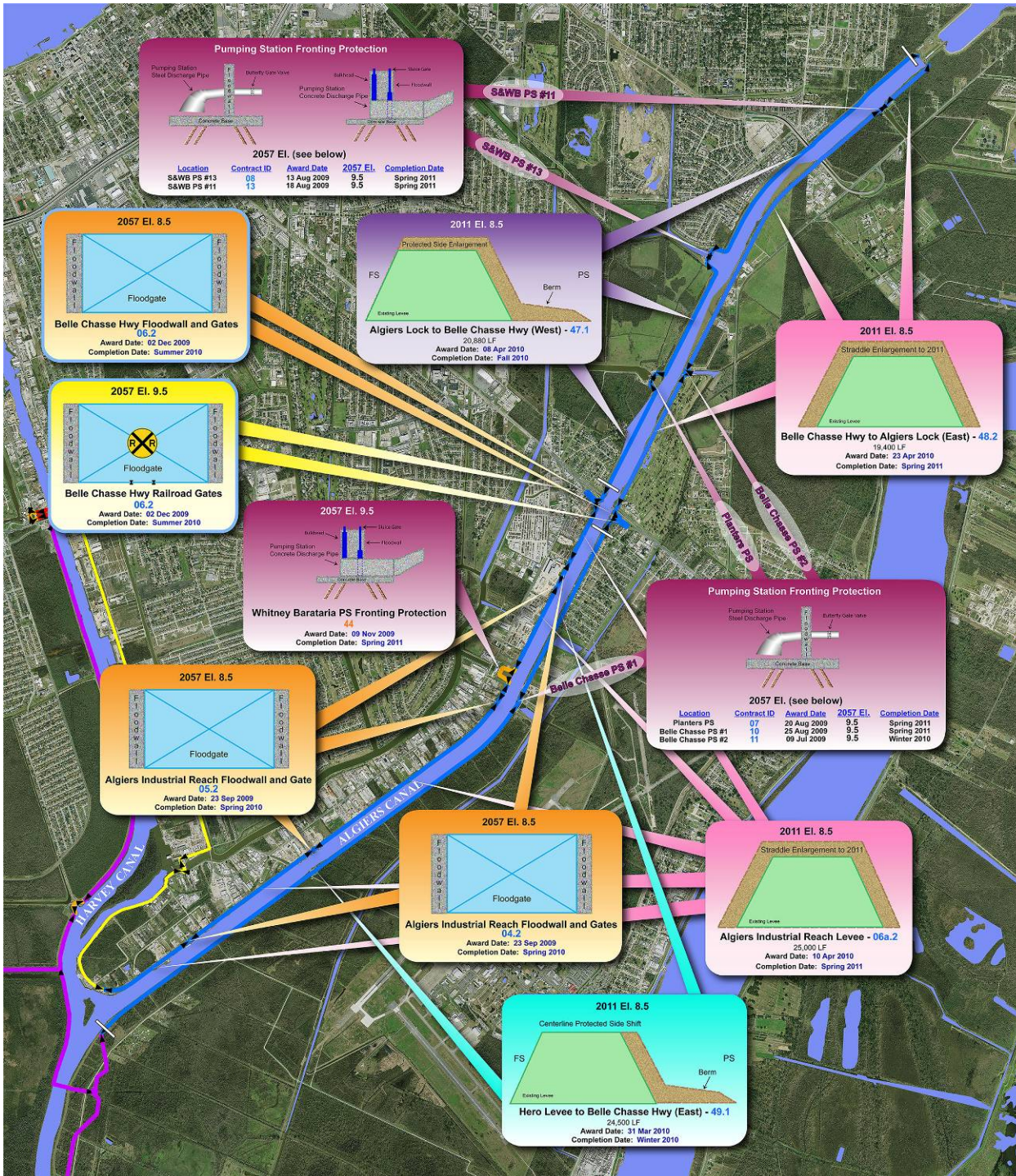


WBV Project Status

Harvey Canal to Algiers Canal


Ongoing Construction

 = White Border indicates 100 Yr Risk Reduction



WBV Project Status

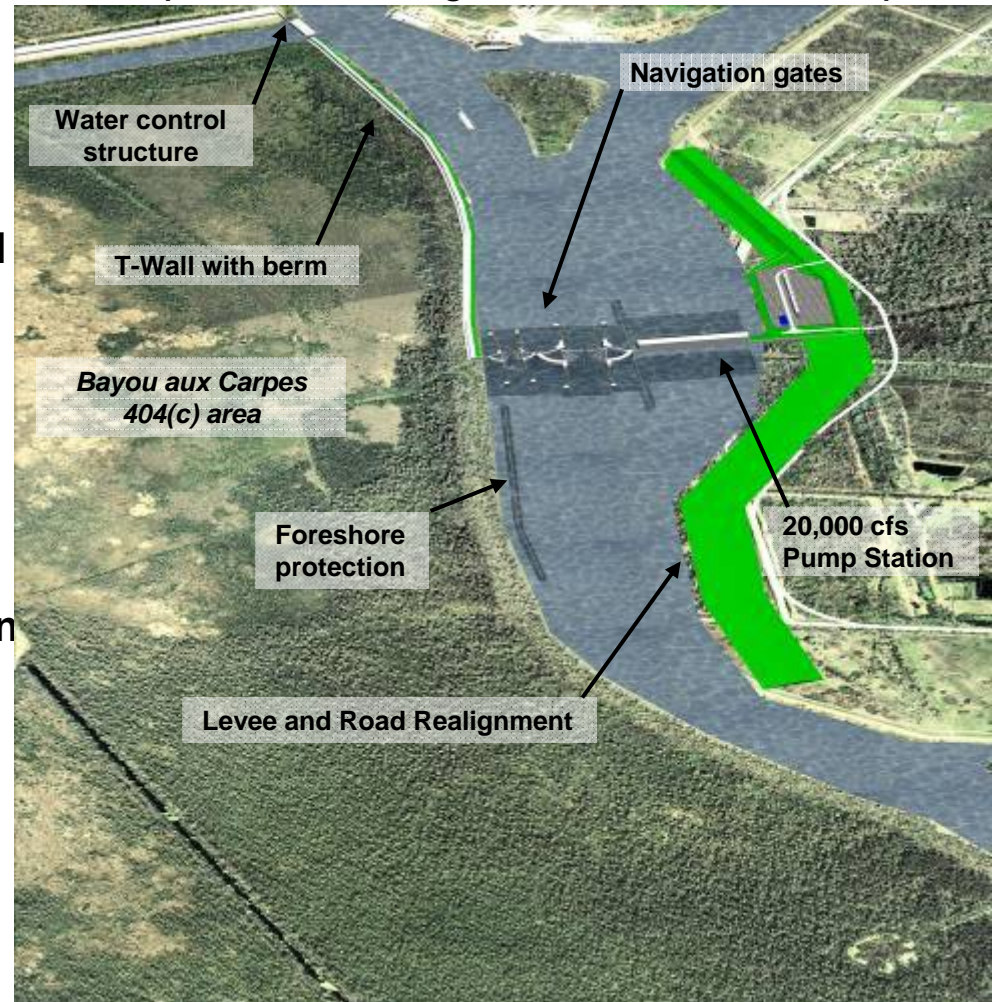
Harvey Canal to Algiers Canal

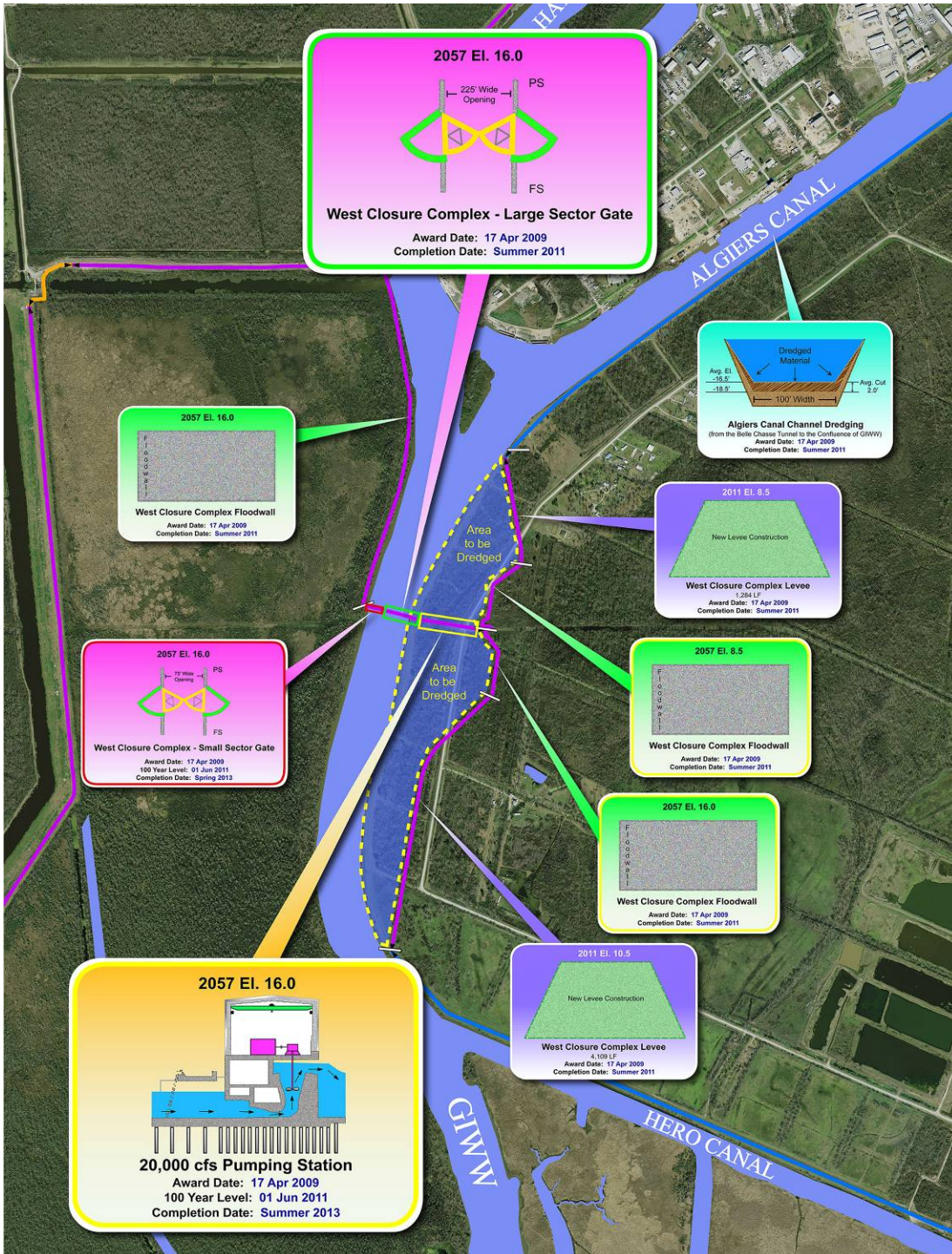
 = White Border indicates 100 Yr Risk Reduction

GIWW West Closure Complex

- ✓ 4 Nov 08 Corps issued Modification Request to EPA
- ✓ 11 Feb 09 Joint USACE & EPA Public Hearing
- ✓ 18 Feb 09 Decision Record signed
- ✓ 2 Apr 09 EPA Region 6 elevated approval recommendation to EPA HQ
- ✓ 17 Apr 09 ECI Pre-Construction Services & Pile Load Tests awarded
- ✓ 15 May 09 Cofferdam material supply procurement awarded.
- ✓ 28 May 09 EPA HQ approves modification
- ✓ 28 May 09 Pump Supply contract procurement awarded
- ✓ 29 May 09 PDD approval
- June 09 Approval of Mod published in Federal Register
- Jun 09 Construction award

Conceptual Rendering of West Closure Complex





WBV Project Status

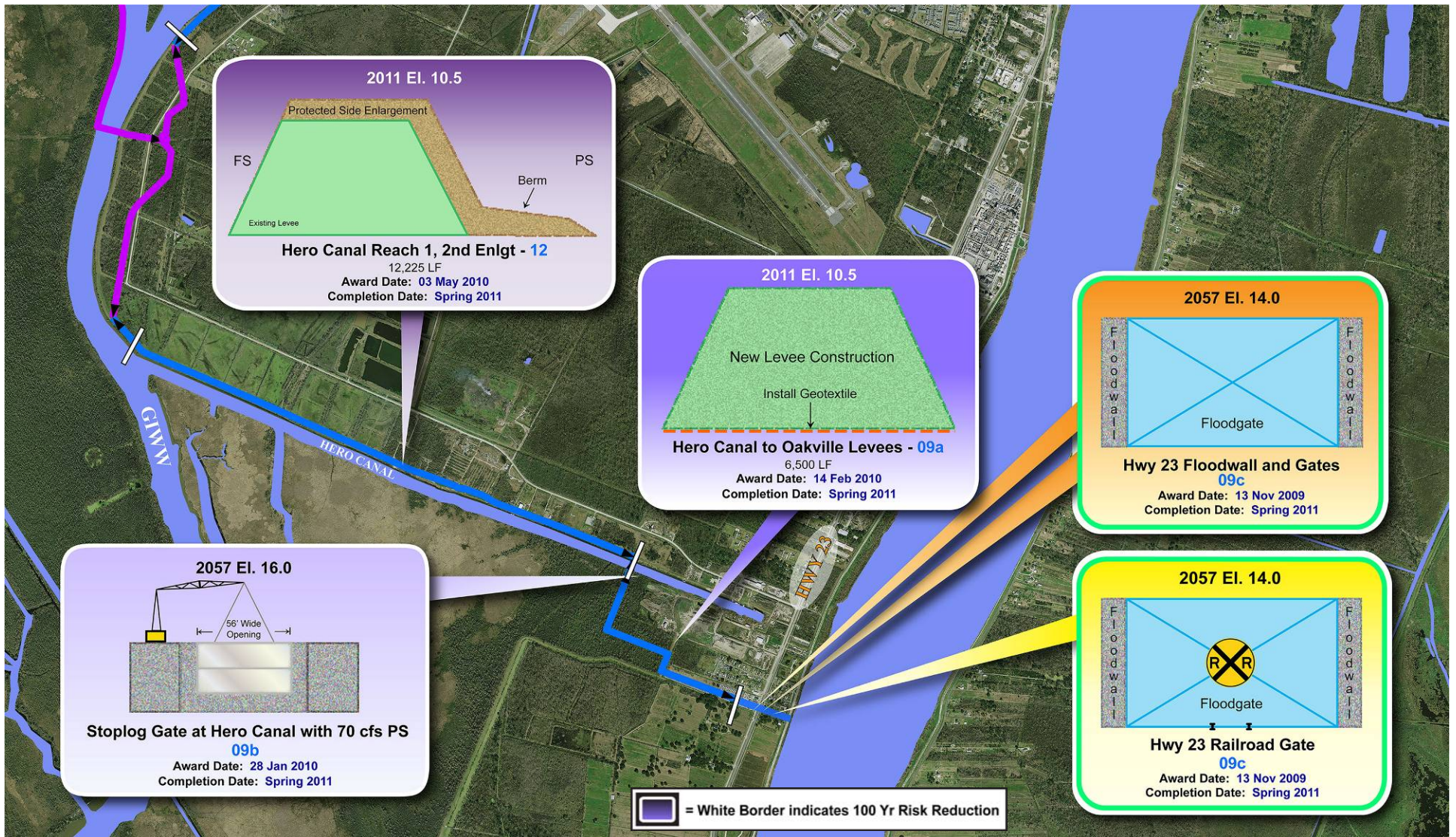
West Closure Complex

[White Border] = White Border indicates 100 Yr Risk Reduction

WBV Project Status

Eastern Tie-In

(Proposed)





2009 Hurricane Preparedness

- SLFPA-W & Corps currently developing Plan for 2009
 - Stockpile materials for closure of gaps on Algiers Canal
 - Review ongoing contracts' Hurricane Plans
 - Mod existing contracts to address vulnerable areas
 - Hired labor
- Imbed an LNO into SPLFA-W EOC
- Hurricane Preparedness Exercises
 - 27 and 28 May 09 MVN Hurricane Preparedness Exercise
 - 19 May to 29 May 09 MVD overall preparedness tabletop exercise
 - 10 and 11 Jun 09 GOHSEP state exercise
- Levee Inspections for WBV
 - 30 Apr 09 – Algiers Canal Levees
 - 4 May 09 - West Jefferson Levee District
 - 5 Jun09 – Plaquemines Ph WBV Levees; including Hero Levee



2009 Hurricane Preparedness

- Algiers Canal
 - MVN will perform flood fight activities for any remaining “gaps”
- Harvey Canal
 - MVN Canal Team will operate Harvey Floodgate and temporary pumps for Hurricane Season 2009



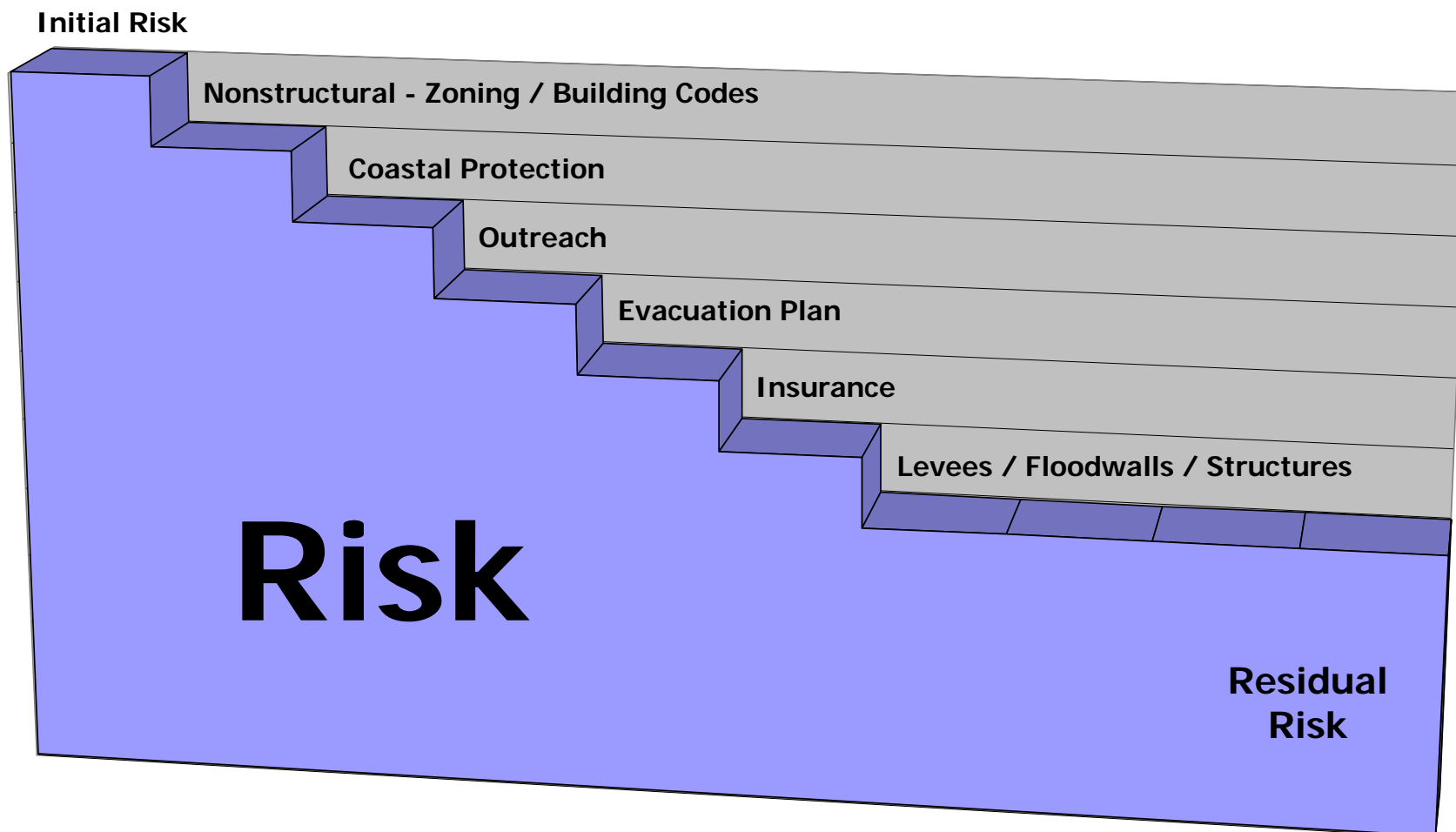
2009 Hurricane Preparedness

Company Canal:

- The interim barge gate operations will be coordinated with the levee district and the Corps
- Many of the difficulties in closing and sealing the gate for Gustav have been corrected and gate was successfully operated during Ike
- The Corps will award a dredging contract in the first week of June 09 to use throughout hurricane season, this contract will also install a permanent pump behind the gate to provide a better seal and account for any minor seepage.
- This contract will straighten bent stoplog guides at the Louisiana Ave gate and install bollards for protection.



Buying Down Risk



The background of the slide is a close-up of the American flag, showing the stars and stripes. In the center-right, there is a faint, golden silhouette of a castle or fortress with two prominent towers.

Questions?

*COL Al Lee
District Commander
New Orleans District
U.S. Army Corps of Engineers*

1 June 2009