

HSDRRS Industry Day

13 January 2010



US Army Corps of Engineers
BUILDING STRONG

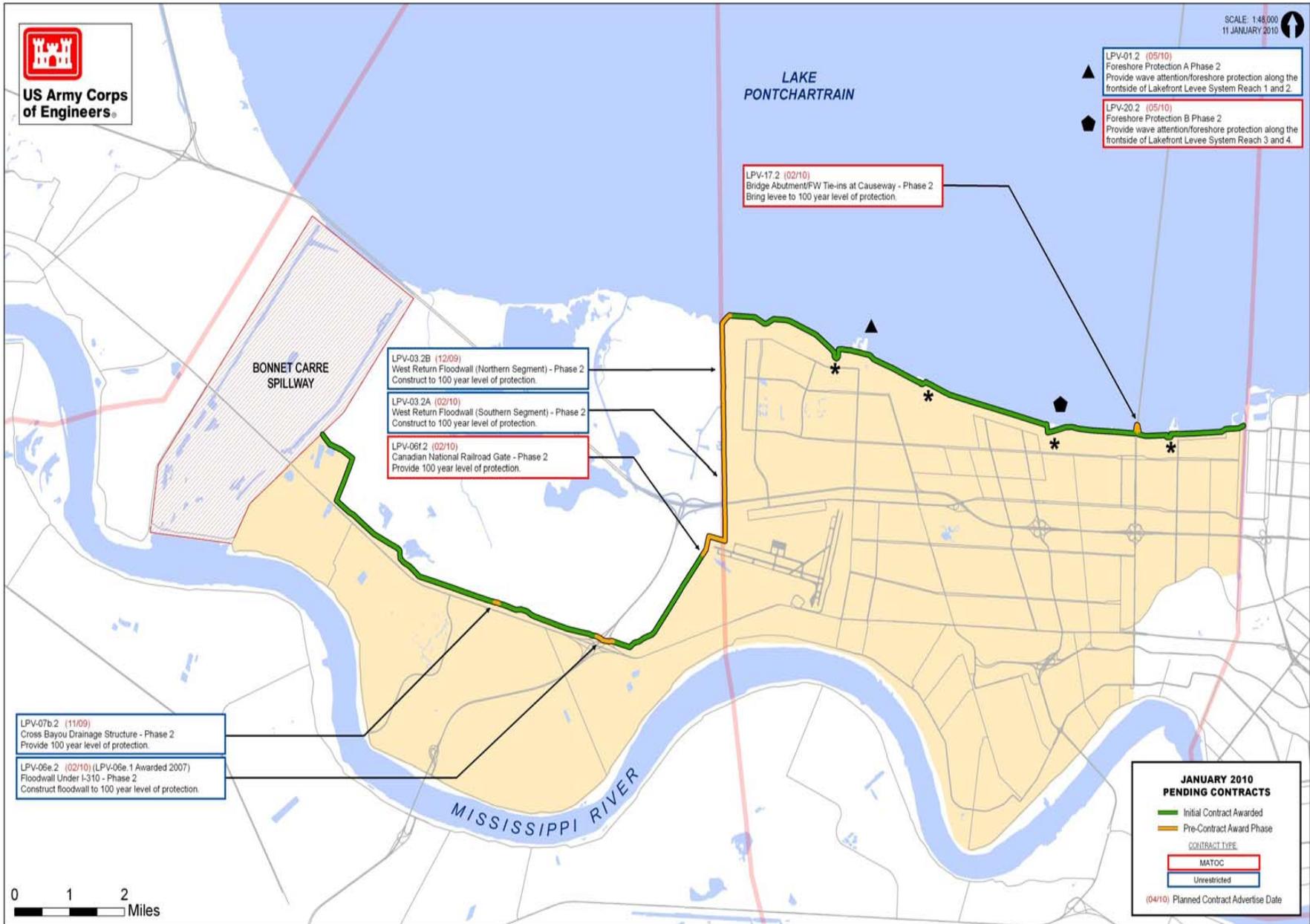
Welcome

- Government Representation
- Contractor Representation
- Small Business Administration
- Procurement Technical Assistance Center
- Networking
- Training



BUILDING STRONG®

HURRICANE STORM DAMAGE RISK REDUCTION SYSTEM (HSDRRS) LPV Eastbank (Jefferson-St. Charles Polder) Pending Contracts/100-Year Perimeter Protection



Lake Pontchartrain and Vicinity

St. Charles Parish and Jefferson Parish

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
LPV-03.2A West Return Floodwall (Southern Segment) - Phase 2	Unrestricted - Best Value	Q2-2010	\$50-100M
LPV-03.2B West Return Floodwall (Northern Segment) - Phase 2	Unrestricted - Best Value	Q1-2010	\$100-500M
LPV-07b.2 Cross Bayou Drainage Structure - Phase 2	Unrestricted - Low Bid	Q1-2010	\$5-20M
LPV-06e.2 Floodwall under I-310	Unrestricted – Best Value	Q1-2010	\$5-10M
LPV-01.2 Foreshore Protection A – Phase 2	Unrestricted	Q3-2010	\$20-50M
5 contracts			\$180-680M



BUILDING STRONG®

HURRICANE STORM DAMAGE RISK REDUCTION SYSTEM (HSDRRS)

WBV Westbank (Gretna/Algiers and Belle Chasse Polders) Pending Contracts/100-Year Perimeter Protection

SCALE: 1:48,000
11 JANUARY 2010



- WBV-6.2 (06/10)**
Belle Chasse Hwy to Hero Cutoff-Reach 3 & 4-Phase 2
Construct floodgates, levee, floodwalls, and tie-ins near Belle Chasse Tunnel to the detention-basin elevation.
- WBV-4.2 (04/10)**
Belle Chasse Hwy to Hero Cutoff-Reach 1-Phase 2
Construct floodgates and tie-ins to the detention-basin elevation.
- WBV-44 (03/10)**
Whitney Barataria PS Floodwall Modifications
Already built to authorized level of protection. PS floodwall modifications and floodwall tie-ins.
- WBV-5.2 (04/10)**
Belle Chasse Hwy to Hero Cutoff-Reach 2 - Phase 2
Construct floodgates and tie-ins to the detention-basin elevation.
- WBV-06a.2 (05/10) (WBV-06a.1 Awarded 2008)**
Belle Chasse Hwy to Hero Cutoff (West) - Phase 2
Raise levees to detention basin elevation.

- WBV-47.1 (02/10)**
Algiers Lock to Belle Chasse Hwy (West) Phase 1
Raise levees.
- WBV-48.2 (03/10) (WBV 48.1 Awarded 2005)**
Belle Chasse Hwy to Algiers Lock (East) Phase 2
Already built to authorized level of protection. Stability analysis of levee and constr. improvements as required.
- WBV-49.1 (03/10)**
Hero Levee to Belle Chasse Hwy (East) Phase 1
Raise levees to the detention-basin elevation.

- WBV-09a (02/10)**
Hero Canal to Oakville Levees
Raise and construct levee and a small pump station to 100-Year level of protection.
- WBV-09b (01/10)**
Hero Canal to Oakville Structures
Raise and construct stop-log closure, pump station, and tie-ins on Hero Canal to 100 Year level of protection.
- WBV-09c (02/10)**
Hero Canal to Oakville - Highway Structures
Raise and construct vehicle and RR floodgates on Belle Chasse Hwy. to 100-Year level of protection.

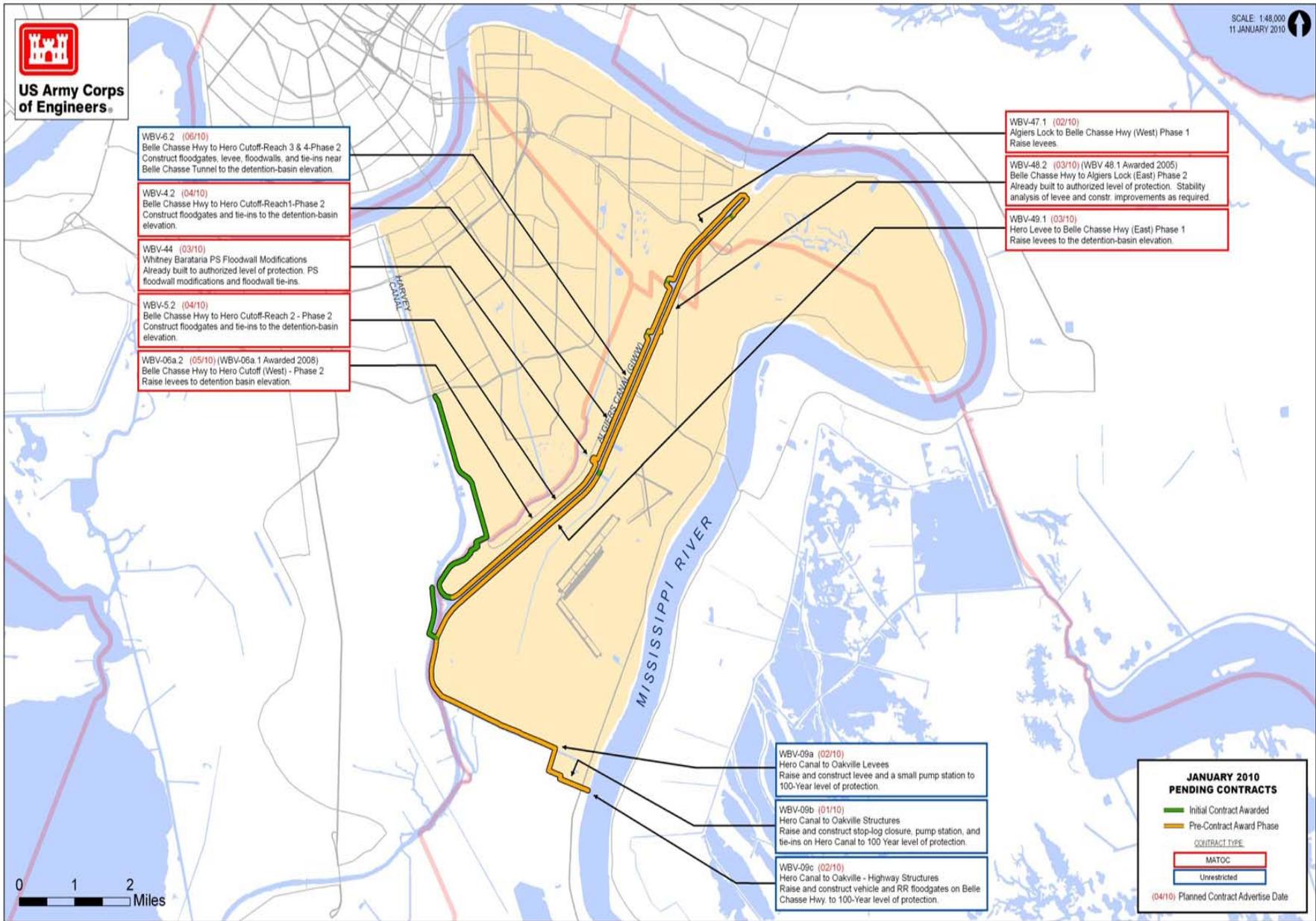
JANUARY 2010 PENDING CONTRACTS

- Initial Contract Awarded
- Pre-Contract Award Phase

CONTRACT TYPE

- MATOC
- Unrestricted

(04/10) Planned Contract Advertise Date



West Bank and Vicinity

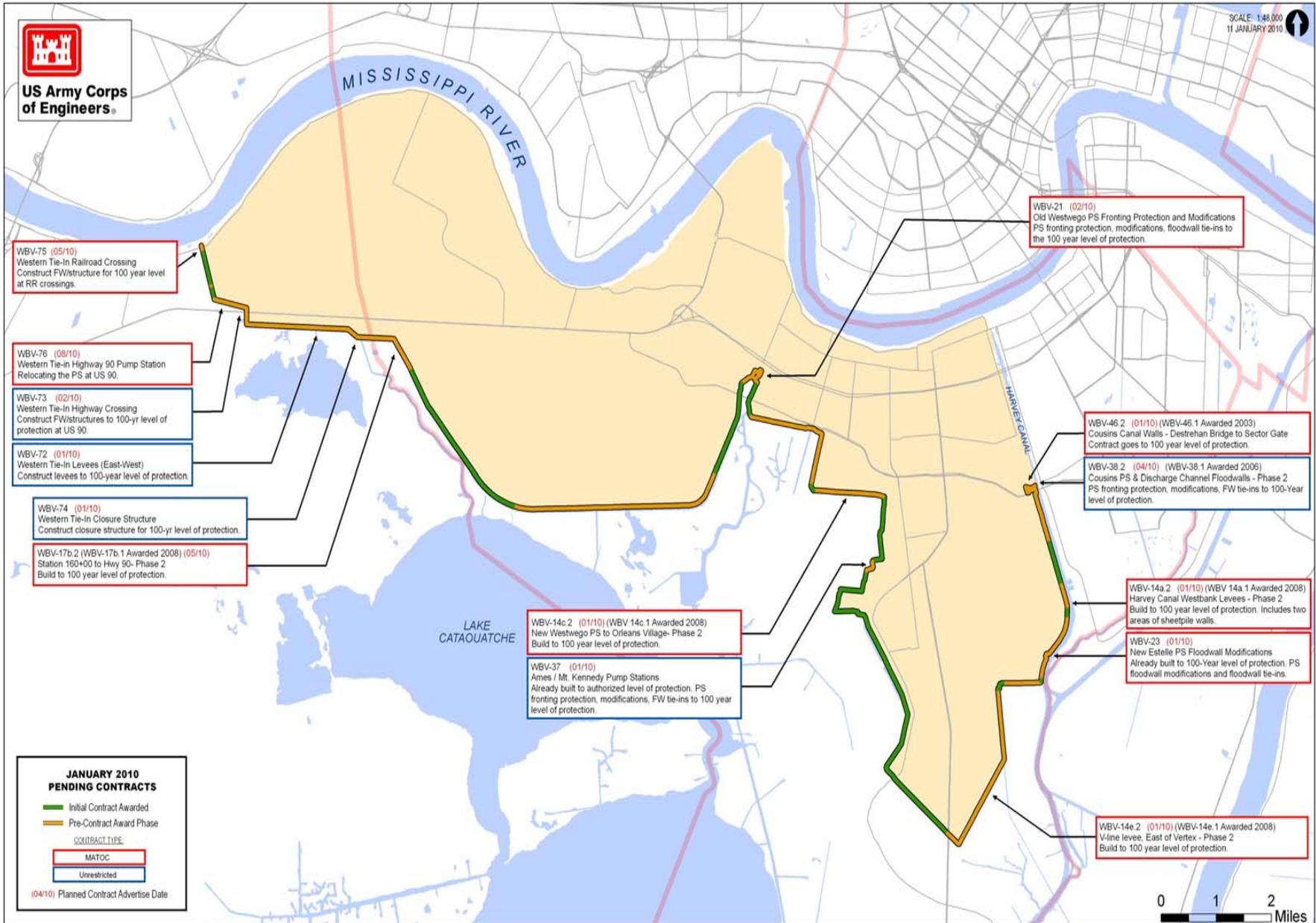
Gretna / Algiers and Belle Chase Polders

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
WBV-06.2 Belle Chasse Hwy to Hero Cutoff-Reach 3 & 4-Phase 2	Unrestricted - Best Value	Q3-2010	\$20-50M
WBV-09a Hero Canal to Oakville - Levees	Unrestricted - Best Value	Q2-2010	\$20-50M
WBV-09b Hero Canal to Oakville - Structures	Unrestricted - Best Value	Q2-2010	\$20-50M
WBV-09c Hero Canal to Oakville - Highway Structures	Unrestricted - Best Value	Q2-2010	\$0-5M
4 contracts			\$60-155M



BUILDING STRONG®

HURRICANE STORM DAMAGE RISK REDUCTION SYSTEM (HSDRRS) WBV Westbank (Harvey-Westwego Polder) Pending Contracts/100-Year Perimeter Protection



West Bank and Vicinity

Harvey – Westwego Polder

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
WBV-46.2 Cousins Canal Walls - Destrehan Bridge to Sector Gate	Unrestricted	Q2-2010	\$5-20M
WBV-14i V-line Levee, LA 3134 Highway Crossing	Unrestricted – Best Value	Q2-2010	\$5-20-M
WBV-37 Ames / Mt. Kennedy Pump Stations	Unrestricted - Best Value	Q2-2010	\$20-50M
WBV-38.2 Cousins PS & Discharge Channel Floodwalls - Phase 2	Unrestricted - Best Value	Q3-2010	\$5-20M
WBV-72 Western Tie-In Levees (East-West)	Unrestricted - Best Value	Q2-2010	\$20-50M
WBV-73 Western Tie-In Highway Crossing	Unrestricted - Best Value	Q2-2010	\$5-20M
WBV-74 Western Tie-In Closure Structure	Unrestricted - Best Value	Q2-2010	\$20-50M
7 contracts			\$80-230M

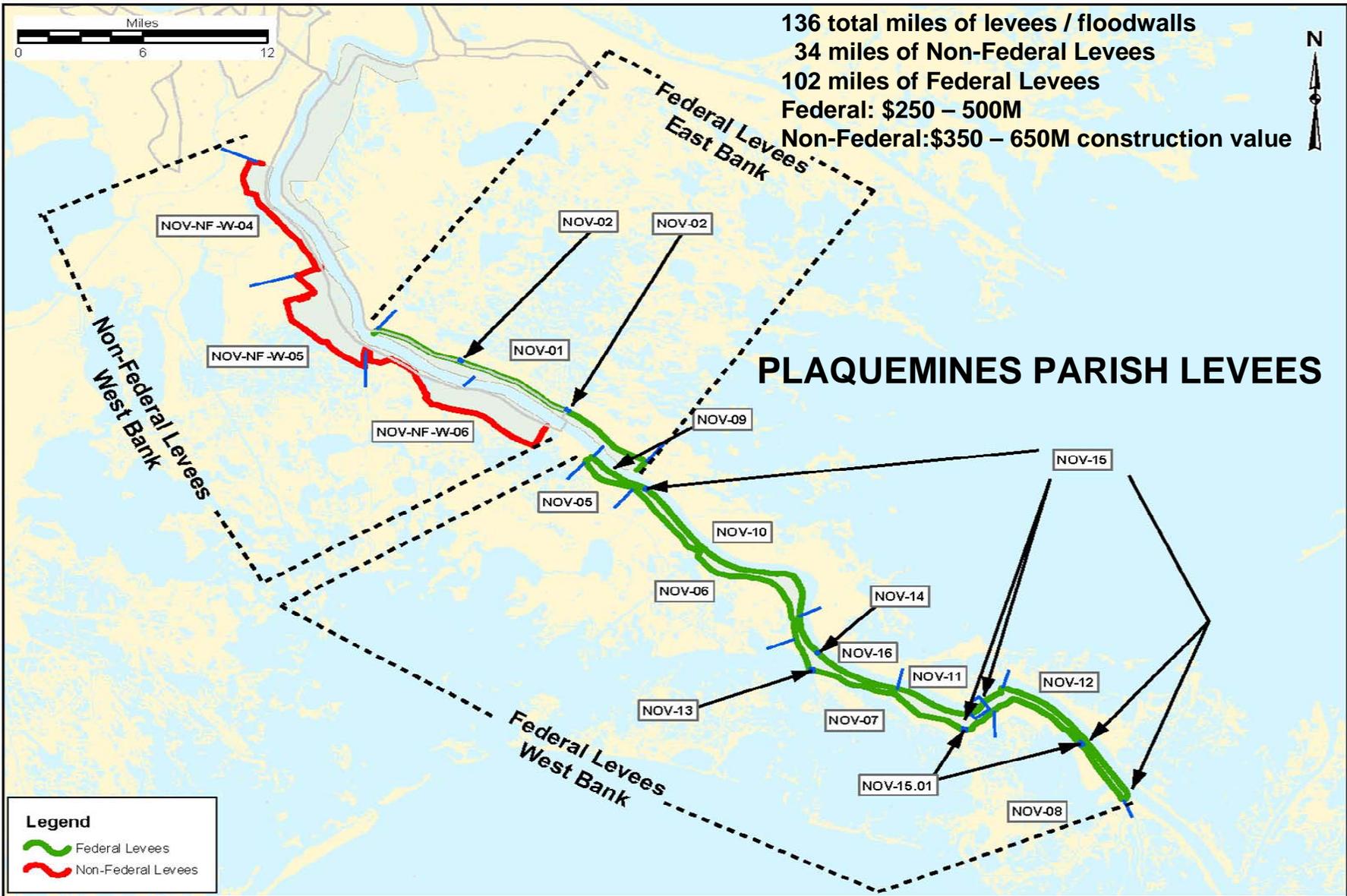


BUILDING STRONG®

Plaquemines Parish Levee Projects

- New Orleans to Venice (NOV) Non-Federal Levees (NFL) – Approximately 34 miles of levee construction with fronting protection for existing pump stations and some floodwall construction. Multiple contracts will be used to complete this work between FY 2011 and 2013.
- NOV – Approximately 102 miles of levee construction with fronting protection for existing pump stations and some floodwall construction. Multiple contracts will be used to complete this work between FY 2011 and 2013.





Plaquemines Parish

NOV/NFL

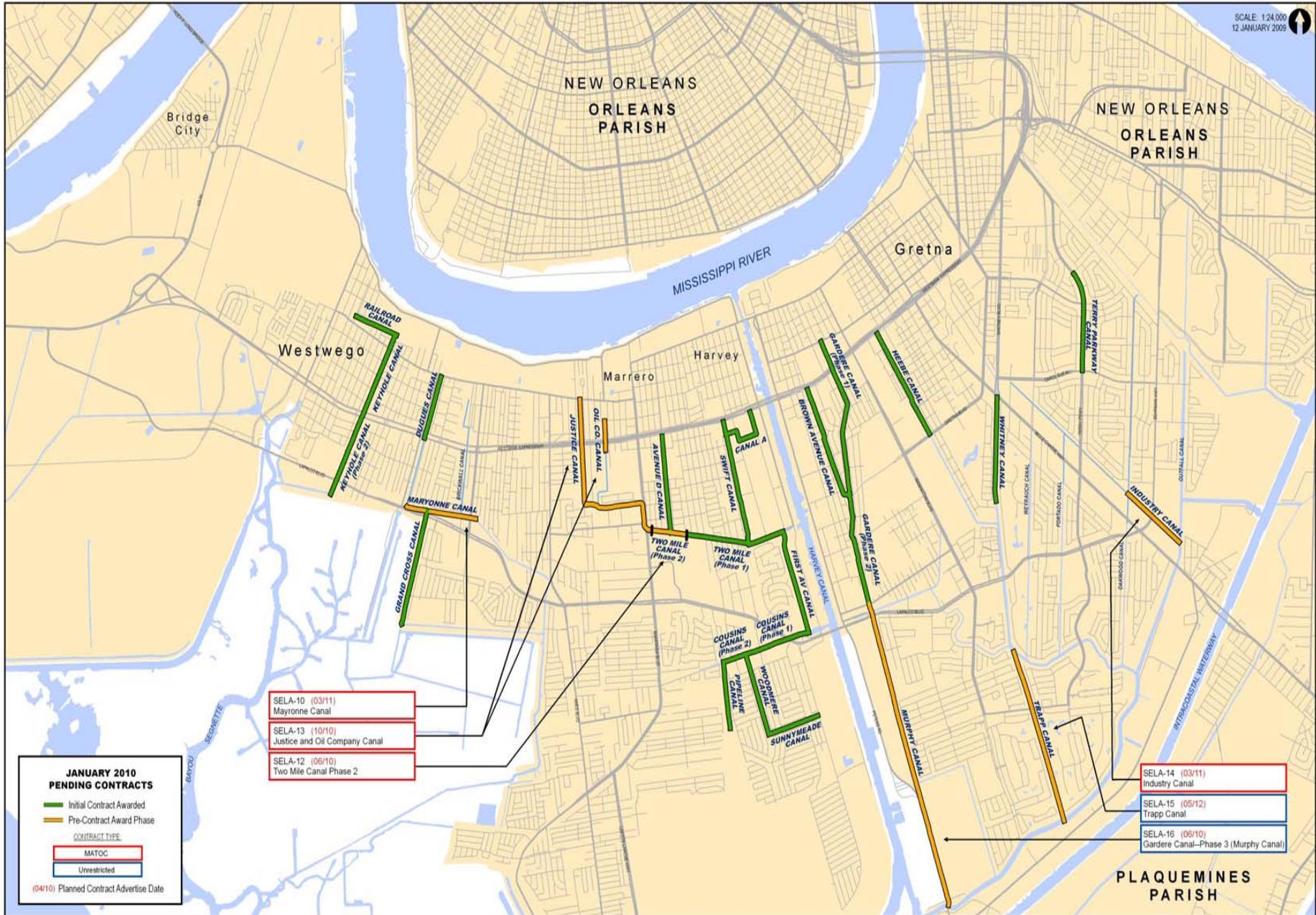
HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
NOV-02 East Bank Back Levee Two Pump Structure Frontage Repair Reach C (Phoenix to Bohemia)	Unrestricted	Q1-2012	\$20-50M
NOV-05 West Bank Back Levee Repair Reach A (St. Jude to City Price)	Unrestricted	Q1-2012	\$5-20M
NOV-10 West Bank MRL Levee Repair (City Price to Port Sulphur) including the fronting protection for Pt. Michel pump station	Unrestricted	Q1-2012	\$5-20M
NOV-01 East Bank Back Levee Reach C (Phoenix to Bohemia)	Unrestricted - Best Value	Q1-2012	\$20-50M
NOV-11 West Bank MRL Levee Repair (Port Sulphur to Fort Jackson)	Unrestricted - Best Value	Q1-2012	\$5-20M
NOV-12 West Bank MRL Levee Repair (Fort Jackson to Venice)	Unrestricted - Best Value	Q1-2012	\$20-50M
NOV-13 Empire Floodgate	Unrestricted - Best Value	Q1-2012	\$0-5M
NOV-14 Empire Lock	Unrestricted - Best Value	Q1-2012	\$5-20M
8 contracts			\$80-235M

NOV-NF-W-06 Myrtle Grove to St.Jude	Unrestricted	Q3-2011	\$100-500M
NOV-NF-W-05 LaReusitte to Myrtle Grove	Unrestricted - Best Value	Q4-2011	\$100-500M
2 contracts			\$200-1000M

SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT (SELA)

Jefferson Parish Westbank Pending Contracts

SCALE: 1:24,000
12 JANUARY 2009



JANUARY 2010 PENDING CONTRACTS

- Initial Contract Awarded
- Pre-Contract Award Phase

CONTRACT TYPE

MATOC	
Unrestricted	

(04/10) Planned Contract Advertise Date

- | |
|--|
| SELA-10 (03/11)
Mayronne Canal |
| SELA-13 (10/10)
Justice and Oil Company Canal |
| SELA-12 (06/10)
Two Mile Canal Phase 2 |

- | |
|---|
| SELA-14 (03/11)
Industry Canal |
| SELA-15 (05/12)
Trapp Canal |
| SELA-16 (06/10)
Gardere Canal-Phase 3 (Murphy Canal) |

SELA Urban Flood Control

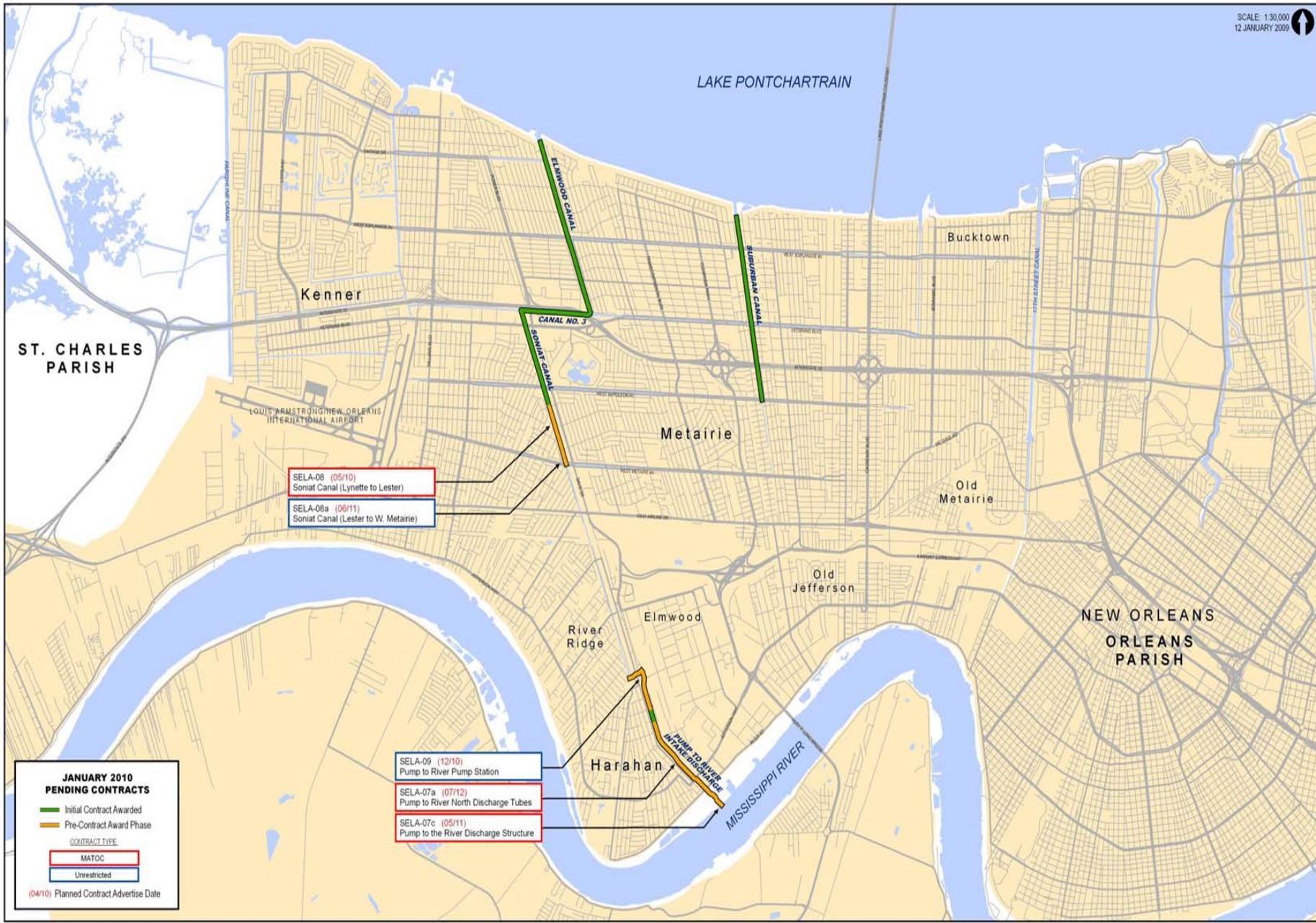
Jefferson Parish Westbank

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
SELA-15 Trapp Canal	Unrestricted - Best Value	Q3-2012	\$5-20M
SELA-16 Gardere Canal-Phase III (Murphy Canal)	Unrestricted - Best Value	Q4-2011	\$20-50M
2 contracts			\$25-70M

SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT (SELA)

Jefferson Parish Eastbank Pending Contracts

SCALE: 1:30,000
12 JANUARY 2009



SELA Urban Flood Control

Jefferson Parish Eastbank

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
SELA-08a Soniat Canal - Lester to W. Metairie	Unrestricted - Best Value	Q3-2011	\$20-50M
SELA-09 Pump to the River Pump Station	Unrestricted - Best Value	Q1-2011	\$20-50M
2 contracts			\$40-100M

SELA Urban Flood Control

Orleans Parish

HSDRRS CONTRACT NAME	Acquisition Type	Expected Advertise (Quarterly)	Estimated Cost
SELA-20 Florida Avenue - Phase 2	Unrestricted - Best Value	Q2-2011	\$50-100M
SELA-21 Uptown Jeff Avenue - Phase 1 - Claiborne to Dryades	Unrestricted - Best Value	Q4-2010	\$20-50M
SELA-22 Uptown Jeff Avenue - Phase 2 - Dryades to Constance	Unrestricted - Best Value	Q1-2012	\$20-50M
SELA-23 Uptown Napoleon Avenue - Phase 2 - Claiborne to Carondelet	Unrestricted - Best Value	Q2-2010	\$20-50M
SELA-23a Uptown Napoleon Avenue - Phase 3 - Carondelet to Constance	Unrestricted - Best Value	Q1-2011	\$20-50M
SELA-24a Uptown S. Claiborne - Phase 1 - Monticello to Leonidas	Unrestricted - Best Value	Q2-2010	\$20-50M
SELA-24b Uptown S. Claiborne - Phase 2 - Leonidas to Lowerline	Unrestricted - Best Value	Q2-2011	\$20-50M
SELA-25 Florida Avenue - Phase 3	Unrestricted - Best Value	Q3-2012	\$20-50M
SELA-26 Florida Avenue - Phase 4	Unrestricted - Best Value	Q4-2012	\$20-50M
SELA-27 Uptown Louisiana Avenue - Claiborne to Constance	Unrestricted - Best Value	Q2-2012	\$50-100M
10 contracts			\$260-600M

Overview

Hurricane Protection Office

Richmond Kendrick

Chief, Program Execution Division



BUILDING STRONG®



BUILDING STRONG®

Description of Contracts and Timeline

- LPV-109.02a: New Orleans East Levee – South Point to CSX Railroad
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$150 – 250M*
 - ▶ Raise levee to 100-year elevation
 - ▶ Unrestricted

- LPV-106: New Orleans East Levee – Citrus Lakefront
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$75 - 125M*
 - ▶ Replace levee
 - ▶ Unrestricted

- LPV-107: Lincoln Beach
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$10 - 20M*
 - ▶ Replace gate at Lincoln Beach
 - ▶ HUBZone MATOC



Description of Contracts and Timeline

- LPV-105.01: Lakefront Airport Floodwalls
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$20 - 30M*
 - ▶ Construct new floodwall west of the Lakefront Airport
 - ▶ Unrestricted

- LPV- 105.02: Lakefront Airport Floodwalls
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$20 - 30M*
 - ▶ Construct new floodwall east of the Lakefront Airport
 - ▶ Unrestricted

- LPV-147: Chalmette Loop Levee, Highway 46 Floodgates
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$5 - 10M*
 - ▶ Construct new floodgates at Highway 46
 - ▶ Service Disabled Veteran Owned



Description of Contracts and Timeline

- LPV-110: Modify CSX Railroad Gate
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$5 - 10M*
 - ▶ Modify CSX Railroad Gate
 - ▶ Service Disabled Veteran Owned

- JSP-10: Storm Proofing
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Storm Proofing two pump stations
 - ▶ 8(a)

- OSP-11: Storm Proofing
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$5 – 10M*
 - ▶ Storm Proofing one pump station
 - ▶ Service Disabled Veteran Owned



Description of Contracts and Timeline

- LPV-109.02b: I-10 Floodwall & Crossing
 - ▶ Advertise: *Jan 2010*
 - ▶ Estimated Cost: *\$20 – 40M*
 - ▶ I-10 Floodwall & Crossing
 - ▶ Unrestricted

- JSP-11: Storm Proofing
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Storm Proofing one pump station
 - ▶ 8(a)

- OSP- 06: Storm Proofing
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$5 – 10M*
 - ▶ Storm Proofing three pump stations
 - ▶ Service Disabled Veteran Owned



Description of Contracts and Timeline

- OSP-04: Storm Proofing
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$10 – 15M*
 - ▶ CWPP – Old – New River Storm Proofing
 - ▶ 8(a)

- JSP-09: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Storm Proofing three pump stations
 - ▶ HUBZone MATOC

- OSP-09: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Storm Proofing three pump stations
 - ▶ HUBZone MATOC



Description of Contracts and Timeline

- JSP-08: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Storm Proofing two pump stations
 - ▶ 8(a)

- OSP-05: Storm Proofing
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$30 – 50M*
 - ▶ Storm Proofing one pump station
 - ▶ HUBZone MATOC

- OSP-08: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$10 – 15M*
 - ▶ Storm Proofing six pump stations
 - ▶ HUBZone MATOC



Description of Contracts and Timeline

- LPV-149: Chalmette Loop, St. Bernard Parish
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$75 – 100M*
 - ▶ Verret to Caernarvon Structures
 - ▶ Unrestricted

- LPV 103.01A2: Lakefront Levee, Orleans Ave. to London Ave. Canal
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$0 – 5M*
 - ▶ Construct new floodgates
 - ▶ HUBZone MATOC

- OSP-12: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$10-15M*
 - ▶ DPS 13 generator
 - ▶ 8(a)



Description of Contracts and Timeline

- OSP-07: Storm Proofing
 - ▶ Advertise: *Mar 2010*
 - ▶ Estimated Cost: *\$15 – 20M*
 - ▶ Storm Proofing one pump station
 - ▶ Service Disabled Veteran Owned

- OSP-10: Storm Proofing
 - ▶ Advertise: *Apr 2010*
 - ▶ Estimated Cost: *\$5 – 10M*
 - ▶ DPS 17 generator
 - ▶ Service Disabled Veteran Owned



Description of Contracts and Timeline

- OSP-03: Storm Proofing
 - ▶ Advertise: *Jun 2010*
 - ▶ Estimated Cost: *\$5 – 10M*
 - ▶ CWT & PP Water Perimeter Protection
 - ▶ HUBZone MATOC

- OSP-02: Storm Proofing
 - ▶ Advertise: *Aug 2010*
 - ▶ Estimated Cost: *\$5 – 10M*
 - ▶ Storm Proofing one pump station
 - ▶ 8(a)

- PCCP-01: Permanent Canal Closures & Pumps
 - ▶ Advertise: *Feb 2010*
 - ▶ Estimated Cost: *\$400 – 750M*
 - ▶ Pump station for outfall canal closures
 - ▶ Unrestricted

