



Orleans Levee District

OFFICE MEMO

DATE: September 3, 2009

TO: Commissioner Louis Wittie

FROM: Gerard J. Gillen III, P. E.
OLD Director of Hurricane and Flood Protection

RE: O.L.D. Monthly Status of Activities

A USACE Projects

- IHNC - Overall design of the entire structure is 74% complete and major construction activities have started.
- IHNC - Construction progress as of August 31, 2009:
 - The MRGO closure south of Bayou Loutre is 100% complete.
 - Shaw's floodwall subcontractor, Trailor/Massman/Weeks (TMW), has driven 878-66" piles. Both the north and south headings are driving piles.
 - Shaw Global has 241-36" steel batter piles fabricated. Has driven 106-36" steel batter piles.
 - Has fabricated 1635-18" closure piles with 668 installed and grouted in place.
 - Has cast 14 of 342 precast Floodwall caps.
 - The GIWW barge gate abutment piles are driven. Sand placement for future cofferdam is complete. Cofferdam structure in progress.
 - The MRGO closure south of Bayou Bienvenu is 100% complete.
 - Bayou Bienvenue is closed to all navigation traffic due to vertical lift gate construction.
- Additional Schedule:
 - August 18, 2009 - Started Grout Bag Operation at Floodwall
 - August 25, 2009 - Completed Sand Fill for Cofferdam at GIWW Bypass Gate
 - August 25, 2009 - Started Plumb Pile Concrete Infill
 - August 26, 2009 - Started Cofferdam Placement at GIWW Bypass
 - September 9, 2009 - Set 1st Precast Cap for the IHNC Floodwall
 - September 26, 2009 - GIWW Barge Gate Cofferdam Complete

September 30, 2009 – Complete Tremie Slab in GIWW Cofferdam

October 9, 2009 – Start Cast in Place Section of Cap at IHNC Floodwall

- Permanent Pump Station Report has been sent to Corps in D.C., approved report was sent to Congress (ASA) on January 15, 2009. Final report submitted on February 26, 2009. CPRA is reviewing request for survey/investigations for permit requirements. USACE RFP Phase 1 scope of work and selection criteria are being developed.
- Orleans Parish Metro (LPV-101-104) and New Orleans East (LPV 105-113) 100 year protection current milestones:
 - LPV 101.2 - Lakefront Levee – Contract awarded and Notice to Proceed August 13, 2009. Construction 18 months. A contract mod is being negotiated with contractor for utility relocations. Estimate cost to OLD is \$387,791.
 - LPV 102 - Lakefront Levee - Complete.
 - LPV 103.01 A1 - Bayou St. John - Contract awarded and Notice to Proceed Aug. 18, 2009. Construction 14 months. A contract mod is being negotiated with contractor for dewatering sector gate for USACE inspection and OLD maintenance cycle work.
 - LPV 103.01 A2 - Rail Street and Lake Terrace Floodgates – Design 65% scheduled for Nov. 2, 2009.
 - LPV 104.01A – Ramp Crossings - Advertise Sept 1, 2009.
 - LPV 104.02 – Seabrook West side IHNC new “T” wall – Plans and specs complete September 22, 2009.
 - LPV 105.01 – Lakefront Airport East T-wall – Plans and specs complete September 25, 2009. A contract mod will be negotiated with future contractor for utility relocations. Estimate cost to OLD TBD.
 - LPV 105.02 – Lakefront Airport T-wall West – Plans and specs complete November 15, 2009. A contract mod will be negotiated with future contractor for utility relocations. Estimate cost to OLD TBD.
 - LPV 106 – Citrus Lakefront Levee – Stop design work order issued to change design to move “T” wall to levee crown edge.
 - LPV 107 – Lincoln Beach Floodgate – Plans and specs complete October 17, 2009. A contract mod will be negotiated with future contractor for utility relocations. Estimate cost to OLD TBD.
 - LPV 108 – New Orleans East Lakefront Levee – Construction 96% complete
 - LPV 108 – Collins Pipeline – Construction 20% complete.
 - LPV 109.02a – New Orleans East Levee – Plans and specs complete December 28, 2009
 - LPV 109.02a1 – New Orleans East Levee Wick Drain Test Section – Contract awarded and Notice to Proceed. Construction 60 days.
 - LPV 109.02a – New Orleans East Levee Drainage Blanket – Waiting on CPRA approval of risk letter in order to advertise. Award only upon ROE approval.
 - LPV 109.02b – I-10 Crossing – Plans and specs complete November 27, 2009
 - LPV 109.02c – New Orleans East Levee – Plans and Specs complete September 2, 2009
 - LPV 110 – CSX Railroad Crossing – Plans and Specs complete November 13, 2009
 - LPV 111.01 – New Orleans East Back Levee – E/CI contract. Construction to begin October 5, 2009 and complete June 13, 2011.
 - LPV 111.02 – Pump Station 15 Fronting Wall – Plans and specs complete Feb 1, 2010.
 - LPV 111.03 – 1000’ T-wall Tie-in to IHNC – Plans and Specs complete December 15, 2009
 - LPV 113 – New Orleans East – NASA Levee Enlargement (Betterment) – Construction 2% complete
 - LPV 120 – IHNC West Side – Construction 100% complete, Final Inspection with OLD on September 2, 2009.

- Seabrook structure – USACE awarded Design/Build contract to Arcadis. ROE for test pile program authorized by OLD
- Orleans Parish Right of Entry Chart (Attached).
- OLD scheduled inspection dates with DOTD and USACE for 2009:

<u>Qtr.</u>	<u>Hurricane System</u>	<u>Mississippi River & Tributaries</u>
1 st	February 4, 5, 6	March 5
2 nd	May 13, 14, 15	June 4
3 rd	August 14	September 3
4 th	November 11, 12, 13	December 3

- B** Detailed cost sharing, relocations budget as prepared by OCPR is attached.
- C** Detailed description of LPV Corps projects under construction and under design prepared by OCPR is attached.
- D** The following are activities completed by O.L.D.:
 - 1) USACE Mississippi River Levee Inspection on September 3, 2009
 - 2) 17th Street Canal seepage study is underway. Piezometers have been installed and readings are being taken and sent weekly to consultants. Final report by Dr. Martin and Dr. Bachus is pending.
 - 3) Continued maintenance and inspection of levees, floodwalls and floodgates - 3rd Quarter Levee, Floodwall and Floodgate Reports due to DOTD on Oct. 1, 2009
- 3rd Quarter Remedial Action Reports due to DOTD on October 1, 2009.
 - 4) Mississippi River now at 3.5'.
 - 5) Bayou Bienvenue navigation light repair contracts cancelled due to insurance issues. Readvertise to Heavy Marine Contractors in lieu of electrical contractors.
 - 6) Franklin Avenue Warehouse South Section Roof Replacement bid advertised and bids due.
 - 7) Safehouse: 70% Design drawings received. Advertisement in September.
 - 8) Orleans Levee District plans and specification review status of USACE LPV projects (attached).
 - 9) Levee permits to date: 46.
 - 10) House Permits to date: 27.
 - 11) Bayou Bienvenue closed a total of 61 hours in August.

- 12) Bayou St. John tide gauge system is installed. Waiting on Capital Overlay Agreement for Water Management Study. Canoes removed: 30, Removing 20 locked in place.
- 13) Personnel:
- WS series flexible SERs have been submitted to Civil Service for approval.
 - Engineer 6 position advertised.
 - Labor positions (4) interviewed. Background checks underway.
 - Health insurance "premium only" pre-tax payroll is enacted for September 4 paychecks.

GJG/pmj

xc: Timothy P. Doody, SLFPA - East President
Robert A. Turner, SLFPA - East Regional Director
Louis Durr, Operations and Maintenance Director

Orleans Levee District

LPV 101

Description: 17th Street Canal to Topaz Street

This reach is approximately 3,500 ft long and currently consists of concrete floodwalls with short sections of earthen levees. There is a 345-foot long stretch of earthen levee at the western end of the project immediately adjacent to the 17th Street Canal. An existing earthen levee of about 770 feet in length is at the eastern end of the reach and extends parallel to Lakeshore Drive to the vicinity of the intersection with Topaz Street. The remainder of the reach between these end levee segments is about 2,400 feet in length and consists of concrete floodwalls. There are currently six vehicle access gates and one pedestrian access gate within the floodwall portion of this reach. Top of the existing protection varies slightly throughout the reach but, in general, is about elevation 12.5 feet.

Status:

1. Construction: (See attached drawing for location of construction activity.) LPV 101 Phase 2 plans and specifications were advertised for construction on April 28, 2009. Proposals were received on 8 June 2009. Award of contract ~~delayed-pending-receipt of Rights of Entry~~ was on 31 July 2009 while NTP was given on 13 August 2009. The contract was awarded to Tetra Tech for 33.3 million with an 18 month construction duration.

Phase 2 flood protection ~~is being~~ has been designed for the 1% design elevations. Structures will be built to the 2057 design elevation. Except for the segment adjacent to Pontchartrain Boulevard, the alignment of the hurricane protection system will essentially follow the alignment of the existing floodwalls and levees in this reach.

The existing floodwalls will be demolished and replaced with new concrete floodwalls with the top at elevation 16.0 feet NAVD88.2004.65. At the eastern and western ends of the reach, short floodwalls will be constructed above the existing levees to elevation of 16.0 feet NAVD88.2004.65. At the eastern extreme of the reach, the floodwall will transition into the full levee section of the adjacent Reach LPV 102. In the area of the transition, armoring for scour protection will be provided. Four of the six existing vehicle gates will be replaced with new gates at their current locations. The location of the vehicle access gate across Pontchartrain Boulevard (L-4) is to be relocated closer to Lake Marina Avenue and a new gate structure will be provided at the realigned location. One vehicle access gate (L-3) and the pedestrian access gate (L-1B) are to be eliminated and replaced with floodwall.

Construction of the improvements is anticipated to be completed in ~~June-February~~ 2011. ~~The estimated construction cost of the LPV-101 project is \$37.1 Million.~~

C.

2. Inspection Summary:

Issues:

| Comments: ~~Award of contract on hold pending receipt of Right of Entry.~~

Orleans Levee District

LPV103

Description: London Ave Canal to Orleans Avenue Canal.

This reach starts at the east side of London Ave Canal and proceeds to the east side of Orleans Canal. LPV103 includes approximately 8,350 feet of earthen levee, one miter gate closure (Marconi Street Gate), and three (3) asphalt paved ramp crossings (Lakeshore Drive at London Ave Canal, Lake Terrace Drive and Lakeshore Drive at Rail Street).

Status:

1. Construction:

Phase 1

The contract was awarded on December 3, 2007 and Notice to Proceed was issued on January 8, 2008. Work was substantially completed on July 24, 2008. The average levee height is now EL. 19.5 (NAVD88 2004.65) with a 1V:3H flood side slope and 1V:3H protected side slope, except for in Bayou St. John, where the levee height is 16.5. Other work completed includes utility relocations, an inspection trench, construction of a turnaround at the Lake Terrace Drive ramp, removal of Park Shelter No. 3, and demolition of nearby concrete stairs crossing the levee. The final inspection will be held on Tuesday June 9th.

Phase 1A1

The Phase 1A1 contract will include replacing existing I-walls along both banks of Bayou St. John with pile founded T-walls; improvements to the Bayou St. John sector gate structure to raise the level of protection to El. 16.0; conversion of the existing I-wall to pile founded L-wall at Marconi Drive; conversion of the existing I-wall to pile founded L-wall at the two utility buildings along the east bank of Orleans Avenue Canal; and modifications to the scour protection for the I-walls along the east bank of Orleans Avenue Canal lakeward of the pumping station to prevent seepage from getting between the concrete and the wall. Award for this contract was on 7 August 2009. NTP was given on 18 August 2009.

Phase 1A2

The Phase 1A2 contract will include constructing gates on top of the existing ramps at Lakeshore Drive near London Ave Canal and Lakeshore Drive near Rail Street. Current plans for the gates include constructing them to the authorized elevation for the adjacent levees which is El. 18.5 (NAVD88 2004.65) for the Lakeshore Drive closure at Lake Terrace Drive and El 18.0 (NAVD88 2004.65) for the Lakeshore Drive closure at Rail Street. Design work is continuing on this phase.

Phase 2

No phase 2 contracts will be required for LPV103 as 100-year level protection will be provided during Phases 1, 1A1 and 1A2.

<u>Project:</u>	<u>Costs</u>	<u>Contract Award</u>
LPV 103.01	\$ 5.2 M	December 2007
LPV 103.01A1	\$ 10.2 M	7 August 2009
LPV-103.01A2	\$ 4.0 M	April 2010

2. Inspection Summary: *(Text is to be taken from the Executive Summary of the last quarterly inspection report for the reach and is to include any updated information.)*

Issues:

Comments:

No comments on this reach.

Orleans Levee District

LPV104

Description: London Avenue Canal to Inner Harbor Navigation Canal (IHNC) This reach starts just south of Gate W-39 on the east side of the IHNC and proceeds easterly to the newly constructed sheetpile floodwall on the east side of the London Avenue Canal. LPV104 has approximately 13,820 feet of protection, including 9,900 feet of levee, 3,360 feet of floodwall, four roadway ramps and seven gated closures. The flood protection is being designed for the 1% design elevations. Structures will be built to the 2057 design elevation and levees will be built to the 2011 design elevation with overbuild to account for consolidation.

Status:

1. Construction:

Phase 1

Construction is complete. Contractor has submitted as-built drawings. Final inspection is scheduled for 25 June 2009.

Phase 1A

The ITR, SCR, and BCOE reviews have been completed. P&S is to be completed August 31. Contract advertisement is scheduled for early September 2009 with a contract award of late September 2009. Contract will include ramp raises at the two Lakeshore Drive ramps near the UNO research facility, Franklin Avenue, and Leroy Johnson as well as Canal Boulevard (note that Canal Boulevard is in Reach LPV 102, but will be included in this contract). Current plans for the ramps include raising the crown of the levee to El. 19.0 (NAVD88 2004.65). Pavement base and section will be placed above this level. The floodwalls and gates at Pontchartrain Beach and will be modified to meet the current design criteria. Gate L-10 will be removed.

Phase 2

The 95% P&S submittal has been delayed to August 26 2009. The ITR review will begin on August 31 2008. Anticipate contract award to be early November 2009. Contract will include replacing gates W-39 and W-40 and constructing a new T-wall at the Seabrook boat ramp area. Gate L-11 will be modified to meet current design criteria instead of being replaced. The new UNO ramp off of Lakeshore drive is included in this contract.

<u>Project:</u>	<u>Estimated Costs</u>	<u>Contract Award</u>
LPV 104.01	\$1.3M	August 2007
LPV 104.01A	TBD	September 2009
LPV 104.02	TBD	November 2009

Note: As 95% designs are completed, cost estimates will be updated for Phase 1A and Phase 2.

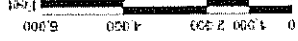
2. Inspection Summary: *(Text is to be taken from the Executive Summary of the last quarterly inspection report for the reach and is to include any updated information.)*

Issues:

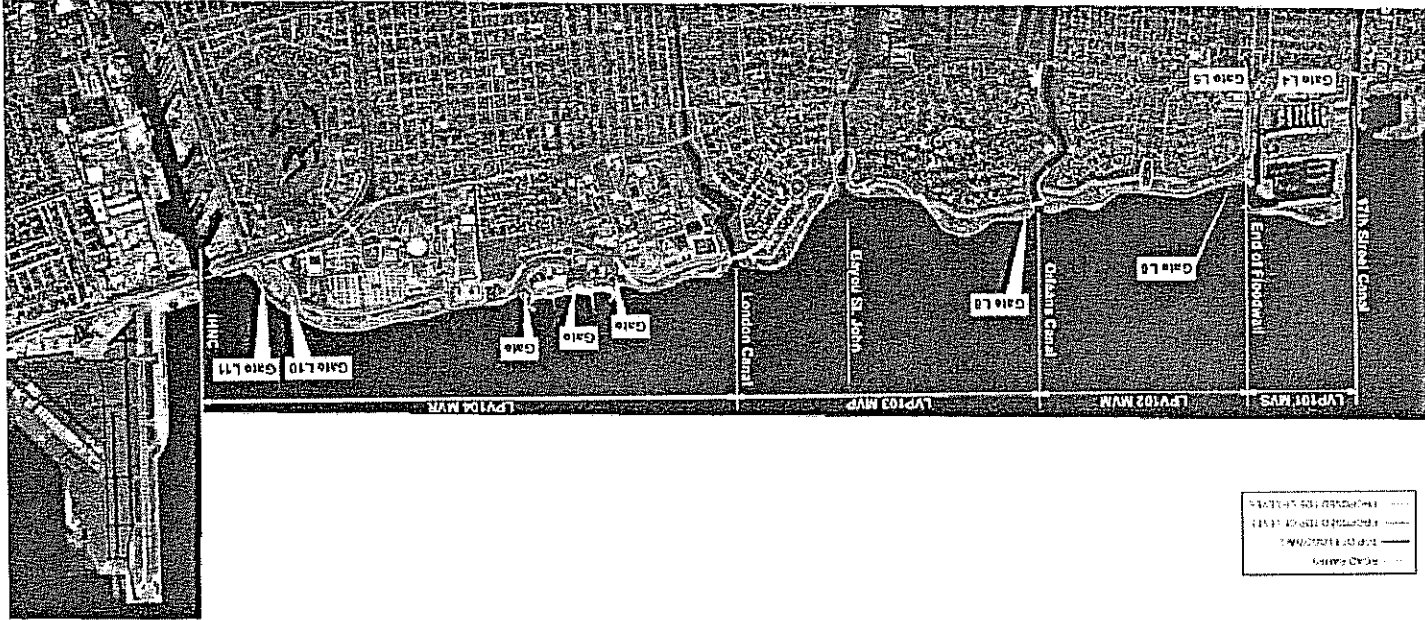
None.

Comments:

No comments on this reach.



US Army Corps
of Engineers
HOA



105.01 - Lakefront Airport West

T-Walls

0.36 miles / 1907 ft

This reach is approximately 1,907 ft long. The work in this Reach involves constructing a new T-Wall along the alternate alignment south of the RR. A new vehicle gate will be constructed at Downman Rd. Existing elevation at new alignment are at approx. El. -1.0; 1% design height 15.5 ft. for floodwall and gate(2057).

Project Features:

- o T-Wall with an 80 ft wide gate at Downman Rd.
- o ROW Needs: New Alignment requiring new ROW
- o Borrow Requirements
 - o 6,000 ECY / 12,000 BCY (Embankment CY & Borrow CY)
 - o Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 105.01

P&S Start	05 Mar 08 Actual
P&S Complete	17 Sep 09 Scheduled
Award - Construction	23 Dec 09 Scheduled
CCP - Construction Complete	05 Jan 11 Scheduled

Notice to Proceed was issued to NOSBE on 4 Mar 09 for the modification breaking the current design efforts into 2 projects – 105.01 & 105.02. Plans and Specifications are under development.

60% P&S submission scheduled week of 29 Jun 09.

Submission includes relocations plans and R/W dwgs

105.02 - Lakefront Airport East
T-Walls / Levee – Cut Off Wall

1.33 miles / 7,100 ft

This reach is approximately 7,100 ft long. The work in this Reach involves replacing approximately 5200 ft of existing I-wall with a new T-Wall. A short section (1900 ft) of embankment will be raised. Existing elevations vary from approx. El. 12 at the Airport to El. 14.3 at the St. Charles Pump station. 1% design height 15.5 ft. for floodwall (2057) and 13.0 ft for levee section (2011).

Project Features:

- o 5,200 ft of T-Wall & 2,000 ft of Levee
- o ROW Needs: Pile Tip Easements
- o Borrow Requirements
 - o 28,000 ECY / 56,000 BCY (Embankment CY & Borrow CY)
 - o Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 105.02

P&S Start	05 Mar 08 Actual
P&S Complete	28 Sep 09 Scheduled
Award - Construction	31 Dec 09 Scheduled
CCP – Construction Complete	19 Mar 11 Scheduled

Notice to Proceed was issued to NOSBE on 4 Mar 09 for the modification breaking the current design efforts into 2 projects – 105.01 & 105.02. Plans and Specifications are under development.

95% P&S submission scheduled for 16 Jul 09.

LPV 105, 106, 107, 108, 109, 110, 111

106 - Citrus Lakefront Levee

Levee – Cut Off Wall

4.1 Miles / 21,648 ft

This reach is approximately 21,648 ft long. The work in this Reach involves raising the existing embankment section and making improvements necessary to meet current design criteria. Restoring the foreshore protection in this Reach to the original elevation (13.5 ft) is required to meet 1% design requirements and will be accomplished under LPV 106.01. Existing levee elevations vary from El. 12.2 to El 13. 1% design heights 13 ft / 15.5 ft.

Project Features:

- o Levee with Flood Side Cutoff Wall
- o Within Existing ROW
- o Restore Foreshore Protection to 13.5 ft. This work is Project 106.01.
- o Borrow Requirements

- o 26,000 ECY / 52,000 BCY (Embankment CY & Borrow CY)
 Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 106 NEEDS UPDATE

P&S Start	21-Dec-08 LATE 30 Mar_09_Actual
P&S Complete	09 Nov 09 Scheduled
Award - Construction	14 Jan 10 Scheduled
CCP – Construction Complete	31 Jan 11 Scheduled

In Dec 08, design cross section for levee approved by DOTD and OLD. Levee with 1 ft traffic curb on Hayne Blvd. and 1:3 flood side slope.

Design continues.

Final Geotechnical Report submission scheduled for 6 Jul 09

35% P&S submission scheduled for 8 Jul 09

LPV 105, 106, 107, 108, 109, 110, 111

107 - Lincoln Beach

Gate & Levee

0.23 Miles / 1,420 ft

This reach is approximately 1,420 ft long. The work in this Reach involves replacing the existing gated T-Wall structure with an earthen levee and replacing the existing gate to the new elevations. Existing elevations are at approx. El. 12.5. 1% design height 13.0 ft.

Project Features:

- o Levee with Gate at Lincoln Beach
- o ROW Needs: Pile Tip Easements
- o Borrow Requirements
 - o 20,000 ECY / 40,000 BCY (Embankment CY & Borrow CY)
 - o Maynard

Milestone Schedule LPV 107

P&S Start	26 Mar 08 Actual
P&S Complete	30 Sep 09 Scheduled
Award - Construction	02 Jan 10 Scheduled
CCP - Construction Complete	11 Oct 10 Scheduled

In Dec 08, design cross section for levee approved by DOTD and OLD - Levee with 1 ft traffic curb on Hayne Blvd. and 1:3 flood side slope.

Design continues.

Final Electronic Copy of Geotechnical Report submission now scheduled for 28 Aug 09. (Delay due to additional wave load data from H & H)

60% P&S & Final ROW Dwgs and Gate Structure Review to be complete by 28 Aug 09. Gate Structure design had slight delay in submittal.

LPV 105, 106, 107, 108, 109, 110, 111

108 - Paris Road to South Point

Levee – Stability Berm

6.3 Miles / 33,100 ft

This reach is approximately 33,100 ft long. The work in this Reach involves raising the existing embankment section and making improvements necessary to meet current design criteria. Restoring the foreshore protection in this Reach to the elevation (9.0 ft) is required to meet 1% future design requirements and will be accomplished under LPV 106.01. Existing elevations are approx. between El. 17 and 18. Restoring levee to pre-Katrina authorized elevations will satisfy 1% current design elevation criteria.

Project Features:

- o Levee
- o Stability berm
- o Pipeline crossings
- o Within Existing ROW
- o Borrow Requirements
 - o 225,000 ECY / 450,000 BCY (Embankment CY & Borrow CY)
 - o Maynard

Milestone Schedule LPV 108

P&S Start	22 Jan 08 Actual
P&S Complete	23 Oct 08 Actual
Award - Construction	21 Nov 08 Actual
CCP – Construction Complete	31 Jan 10 Revised Schedule

Designer URS (CZ27)
 Construction Contractor Hamp's Construction LLC
 Construction Contract Award \$10,551,860 (Levee work raise)
 Mod. No. 401 \$ 4,938,028.67 (Collins Pipe Line)
 Original Duration 262 days + 153 days for Collins Pipe Line
 NTP issued 11 Dec 08
 Original CCD 31 Aug 09
 Revised CCD 31 Jan 10

Collins Pipeline modification finalized. Pre-Cast Piles ordered

Due to Collins modification, CCP extended to 31 Jan 10.

Construction in progress. Levee work is 95% complete.

109.02a – South Point to the CSX Railroad

Levee Raise

7.5 Miles / 39,452 ft

This reach is approximately 39,452 ft long. The work in this Reach involves raising the existing embankment section and making improvements necessary to meet current 1% design criteria via an offset levee enlargement C/L to protected side with wick drains, GT, and no degrade or CB cutoff wall. 1% Design heights finalized @ 16.5 ft / 25 ft.

Project Features:

- o Offset levee
- o Wick drains
- o Geotextile fabric
- o New USFWS ROW Required
- o Borrow Requirements
 - o 2,455,000 ECY / 4,91,000 BCY (Embankment CY & Borrow CY)
 - o Cummings / FABC

Project Description from Feb 09 Sources Sought Inquiry (for construction duration)

The proposed improvements will consist of raising the existing 7.5 miles of levee (elevations ranging from 13 to 19 feet) approximately 6 feet to meet the HSDRRS hundred year level of protection. Design guidelines preclude degradation of the levee at anytime during construction. The current construction methodology is to shift the levee centerline west approximately 60 feet toward the protected side. The new levee will be constructed in 5-6 stages utilizing approximately 2.5M cubic yards of earthen borrow material. The levee section will be stabilized with High Strength Geotextile and to decrease levee construction time. The foundation soil consolidation rate will be accelerated by installing Prefabricated Vertical Drains. This process will also accelerate the increase in the foundation shear strengths. The new levee will have a 10-ft wide crown and a 120-ft to 175-ft wide, protected side stability berm. Floodside wave/stability berms will be predominantly formed out of the existing levee section.

Milestone Schedule LPV 109.02a

P&S Start	03 Apr 09 Actual
P&S Complete	16 Dec 09 Scheduled
Award - Construction	20 Feb 10 Scheduled
CCP – Construction Complete	14 Aug 11 Scheduled

Design underway.

Draft Geotechnical Report received and reviewed.
35% P&S has been received and reviewed.

60% P&S scheduled for receipt in early October.

Wick Drain Test Section – Preconstruction Conference conducted on 31 Aug 09. Construction of this section is scheduled to be complete by 25 Oct 09.

Drainage Blanket – Advertisement of the drainage blanket is scheduled for the week of 31 Aug 09, with an award in the middle of September pending receipt of ROE for Construction.

109.02b – South Point to the CSX Railroad

I-10 Crossing – 2011 Ramp over Levee

The length of protection for 109.02b is approximately 350 ft long. The work includes raising the grade of I-10 through the construction of a ramp to the 2011 elevation with no ground improvements.

Raise existing earthen levee section to the 2011 EL.

Raise the embankments-supported roadway (I-10) without foundation improvements to meet the 2011 design EL. The earthen ramp will be raised to the maximum elevation attainable without foundation improvements.

Project Features:

- o I-10 – 6 lane, divided with median, controlled access interstate highway
- o Existing Top of Pavement El 12.0 to 12.5 ft
- o Top of New Pavement 17 ft (Maximum fill of 5 ft)
- o Within Existing ROW
- o Borrow Requirements
 - o ? ECY / ? BCY (Embankment CY & Borrow CY)
 - o Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 109.02b

P&S Start	28 Apr 09 Actual
P&S Complete	27 Nov 09 Scheduled
Award - Construction	01 Feb 10 Scheduled
CCP -- Construction Complete	22 Jun 11 Scheduled

Design Award:
 URS-JEG, JV
 W912P8-09-D-0014, Delivery Order #0006
 28 April 2009
 \$1,554,744.30

Design Underway.

H&H has revised protection height from 13 to 16.5 ft.

Design = ramp with DSM. This has been coordinated with LaDOTD and approved by HPO Chief Execution Support

109.02c – South Point to the CSX Railroad

Gates US 11 & US 90

US 11 Gate and Floodwall – The project requires the replacement of the existing vehicle roller gate, sill and associated floodwall with a new roller gate approximately 50’ wide on a protected side offset alignment using minimum DOTD clearance requirements and associated T-walls to the 1% design grade of 18.5’. The existing road elevation of 9.8’ through the gate opening will remain unchanged.

US 90 Gate and Floodwall – The project requires the replacement of the existing vehicle roller gate and associated floodwall with two swing gates approximately 38’ wide separated by a column in the roadway median on a protected side offset alignment and associated T-walls to the 1% design grade of 22.0’. The existing road elevation of 9.3’ through the gate opening will remain unchanged.

Project Features:

- o Protected Side Offset Gates at Hwy 90 & Hwy 11.
- o ROW Needs: New Alignment requiring new ROW.
- o Borrow Requirements
 - o 20,000 ECY / 40,000 BCY (Embankment CY & Borrow CY)
 - o Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 109.02c

P&S Start	17 May 08 Actual
P&S Complete	22 Jun 09 Scheduled (Late)
Award - Construction	As part of LPV 109.02a
CCP – Construction Complete	As part of LPV 109.02a

Design Underway.

100% P&S received and being back checked.

The PDT has determined that to best address coordination issues, safety concerns, and to maintain a continuous level of protection, this contract will be advertised as part of the LPV 109.02a construction contract.

110 - CSX RR Gate

Gate

This reach is approximately 214 ft long. The work in this Reach, across the CSX Railroad tracks, involves replacement of the existing I-Walls and T-walls and closure gate with a protected side shift. Existing elevations are at approx. El. 20.5. 1% Design heights finalized @ 30 ft.

Project Features:

- o Protected Side Offset Gate & T-Wall
- o Borrow Requirements
 - o 20,000 ECY / 40,000 BCY (Embankment CY & Borrow CY)
 - o Cummings North / Franklin Ave. Baptist Church (FABC)

Milestone Schedule LPV 110

P&S Start	03 Apr 09 Actual
P&S Complete	02 Nov 09 Scheduled
Award - Construction	20 Jan 10 Scheduled
CCP – Construction Complete	19 Feb 11 Scheduled

Design Award:

URS Group
 W91236-06-D-0069, Delivery Order #CZ03
 03 April 2009
 \$971,106.00

PDT is developing a modification to revise the alignment to reutilize the existing sill, reducing potential construction issues and minimizing impacts to the CSX Railroad. Anticipated date of award for this modification is mid September.

LPV 105, 106, 107, 108, 109, 110, 111

11.1.01 - CSX Railroad to Michoud Canal

Levee -- Deep Soil Mixing

5.3 Miles / 27,984 ft

This reach is approximately 27,984 ft long. The work in this Reach involves raising the existing embankment section and making improvements necessary to meet current design criteria. Existing elevations vary from El. 19 to El. 19.5. 1% Design heights finalized @ 25 ft / 31.5 ft.

Project Features:

- o Levee
- o Deep Soil Mixing (DSM)
- o Landside alignment shift with no degrade
- o Within Existing ROW
- o Borrow Requirements
 - o 1,230,000 ECY / 2,460,000 BCY (Embankment CY & Borrow CY)
 - o Supply Contract (stored on Stumpf Property)

Milestone Schedule LPV 11.1.01

P&S Start		03 Apr 09 Actual
P&S Complete		02 Nov 09 Scheduled
Award – Construction (ECI Construction Phase Option)		22 Jun 09 Scheduled
CCP – Construction Complete		17 Oct 11 Scheduled

Design Task Order P&S:

W912P8-09-D-0014, Delivery Order 0005
 3 April 2009
 URS-JEG
 \$6,224,455.73

Design Underway.

ECI cost proposal received and under evaluation. Expect award by 29 Jun 09.

ECI Design Charrette scheduled for 7-9 Jul 09

Draft Geotechnical Report & 35% P&S submission expected in mid-Jul 09

LPV 105, 106, 107, 108, 109, 110, 111

111.02 - CSX Railroad to Michoud Canal

PS#15 T-Wall

The work in this project involves raising the T-Wall at Pump Station No. 15 and making improvements necessary to meet current design criteria. 1% Design height finalized @ 34.0 ft.

Project Features:

- o Levee
- o T-wall
- o Within Existing ROW
- o Borrow Requirements
 - o 5,000 ECY /10,000 BCY (Embankment CY & Borrow CY)

Milestone Schedule LPV 111.02

P&S Start	20 Jan 09 Actual
P&S Complete	04 Sep 09 Scheduled
Award - Construction	07 Nov 09 Scheduled
CCP - Construction Complete	04 Aug 10 Scheduled

Designer URS (W91236-06-D-0069)

Award Amt \$1,580,751.00

Design underway.

Mod pending to revise design elevation from 34 ft to 30.5 ft (guidance from H&H in mid-Jun 09)

Design delay expected due to revised t-wall design criteria issued by HQ USACE and due to revised el.

O.L.D. Plans & Specification Review Status

<u>LPV</u>	<u>Parish</u>	<u>TITLE</u>	<u>PHASE</u>	<u>DATE RECEIVED</u>	<u>DATE COMMENTS REQUIRED BY CORPS</u>	<u>DATE COMMENTS RETURNED TO DOTD</u>	<u>CONSULTANT</u>
105.01	Orleans	Lakefront Airport-West	60%	7/6/09	7/13/2009	7/9/2009	NOSBE-LH&J
105.02	Orleans	Lakefront Airport - East	95%	8/10/09	8/18/09	8/12/09	NOSBE-LH&J
106.0	Orleans	Haynes Blvd.	35%	7/9/2009	7/20/2009	7/16/2009	NOSBE-DEI
106.0	Orleans	Haynes Blvd.	60%	8/10/2009	8/18/09	8/12/09	NOSBE-DEI
107.0	Orleans	Lincoln Beach Floodgate	35%	6/16/09	6/25/2009	6/17/2009	NOSBE-LH&J
107.0	Orleans	Lincoln Beach	60%	7/28/2009	8/10/2009	8/12/09	NOSBE-LH&J

Revised 9/2/09