



Orleans Levee District

OFFICE MEMO

DATE: November 2, 2011

TO: Commissioner Louis Wittie

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

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

A USACE Projects

- IHNC-01 Seabrook Gate - ECI - Contract Awarded (\$166,432,665.64) Construction 30% complete:
 - Sector Gate: Fabricating gates (30% Complete); base slab (100% Complete).
 - East Lift Gate: Base and stem wall under construction. Fabrication Lift Gate (85% complete)
 - West Lift Gate: Base and stem wall under construction. Fabricating Lift Gate (85% Complete.)
- IHNC-02 Surge Barrier - Overall design of the entire structure is 100% complete and major construction activities at 90% complete. Completion date schedule turnover is October, 2012.
 - IHNC Surge Barrier - Construction progress (\$1,079,400,000) of (\$1,238,431,680.00) as of October 18, 2011:
 - The Barrier: Filter Fabric and Stone placement along protected wall side. (83% Complete).
 - The GIWW Barge: Stored on site. Mechanical work to begin this month.
 - The GIWW Sector Gate: Closed and secure. Mechanical systems scheduled for September arrival. Hydraulic cylinders arrive on November 10, 2011. North and South Control Houses complete.
 - O&M manuals being developed. On site training to begin Jan., 2012.
 - Bayou Bienvenue Vertical Lift Gate: Towers and bridge fabrication (42% complete). Control House construction in progress. Electric conduit from GIWW to Control House in progress. Approach wall piles in fabrication and 17 of 20 driving complete.
- IHNC-02 Shoreline Protection - Right of Entry for construction pending.
- Orleans Parish Metro (LPV-101-104) and New Orleans East (LPV 105-113) 100 year protection current milestones:
 - LPV 101.02 - West End Lakefront Levee - Contract awarded (\$36,551,308.55) and Construction 98% complete. OLD paid \$162,424.85 for relocations work. Interim

Walk Through Inspection complete October 26, 2011. Major issues: Gate L1A closure.

LPV 102.01 - Lakefront Levee - Complete. (\$1,203,368.24)

LPV 103.01 - Lakefront Levee - Complete. (\$5,484,211.96)

LPV 103.01 A1 - Bayou St. John - Contract awarded (\$10,758,162.81) Construction 100% complete. OLD paid \$37,500 for dewater effort during OLD maintenance cycle contract. Final Inspection pending. Major issues: Safety rails

LPV 103.01 A2 - Rail Street and Lake Terrace Floodgates - Contract Awarded (\$5,737,151.08) Construction 100% complete. Lakeshore Drive open. Pre-Final Inspection pending. Major issues: Lake Terrace Floodgate guard rail attenuator relocation.

LPV104.01 - Lakefront Levee - Complete (\$1,773,321.26)

LPV 104.01A - Ramp Crossings - Contract awarded (\$17,255,971.99) Construction 100% complete. Final Inspection pending. Major issues: 2 OLD parking lot light standard replacements.

LPV 104.02 - Seabrook West side IHNC new "T" wall - Contract Awarded (\$6,606,291.84) Construction 100% complete. Final Inspection Complete; punch list items pending.

LPV 105.01 - Lakefront Airport East T-wall - Contract Awarded (\$13,293,021.52) Construction 100% complete. Final Inspection pending. Downman Road is open in both directions.

LPV 105.02 - Lakefront Airport T-wall West - Contract Awarded (\$31,279,838.14). Construction 91% Complete. 3" Sanitary Sewer line was removed. OLD paid \$56,989 for relocations work. St. Charles Pump Station testing closure. Pre-Final Inspection pending.

LPV 106 - Citrus Lakefront Levee - Contract Awarded (\$16,478,841.86). Construction 97% Complete. Pre-Final pending inspection. Major issues: Safety Barrier on I-wall and slope pavement cracks.

LPV 107 - Lincoln Beach Floodgate - Contract Awarded (\$7,773,766.10). Construction 100% Complete. Final Inspection Pending.

LPV 108 - New Orleans East Lakefront Levee - Complete. (\$15,912,265.65). Major issues: Rills smooth out in progress.

LPV 108 - Collins Pipeline - Construction 100% Complete. Punch list on-site review with USACE performed.

LPV 109.02a - New Orleans East Levee - Contract Awarded (\$146,007,598.80) Construction 100% complete. Pre-Final Inspection scheduled September 29, 2011.

LPV 109.02a1 - New Orleans East Levee Wick Drain Test Section - Complete.

LPV 109.02a2 - New Orleans East Levee Drainage Blanket - Complete. (\$25,411,249.45)

LPV 109.02b - I-10 Crossing - Contract Awarded (\$17,376,562.02). Construction 99%. Final Inspection pending.

LPV 109.02c - US Hwy 90 and US Hwy 11 Floodgates-Joint with 109.02a.

LPV 110 - CSX Railroad Crossing - Contract awarded (\$5,294,367.65). Construction 100% complete. Final Inspection complete on Oct. 31, 2011.

LPV 111.01 - New Orleans East Back Levee - E/CI contract. Various contract packages awarded (\$344,665,517.44). Construction 100% complete. Final Inspection pending.

LPV 111.02 - Pump Station 15 Fronting Wall - Various contract packages awarded.

LPV 111.03 - 1000' T-wall Tie-in to IHNC - Various work packages.

LPV 113 - New Orleans East - NASA Levee Enlargement (Betterment) (\$7,082,336.13). Complete. Final inspection pending.

LPV 117.01 - IHNC East Side Relief wells. Complete. (\$2,536,178.05)

LPV 117.02 - IHNC East Side sheet pile. Complete (\$2,400,000).

LPV 120 - IHNC West Side - Complete.

HPO Borrow Supply LPV 109 and 111 Contract Awarded (\$19,819,261.78). Construction 90% complete.

LPV 192.02 - IHNC Butress Slab - Contract Awarded (\$3,377,000.00) Construction 100% complete. Final Inspection pending turf establishment.

LPV 192.03 - IHNC Relief wells - Contract Awarded (\$2,176,688.48) Construction 100% complete. Final Inspection pending turf establishment.

OFC-03 London Avenue - Contract Awarded (\$22,948,199.22) Construction 100% complete. Final Inspection pending turf establishment.

OFC-04A Orleans Canal - Contract Awarded (\$4,969,398.23) - Construction 100% complete. Final Inspection pending turf establishment.

OFC-05 17th Street Canal Remediation - (\$11,090,495.37) Construction 100% complete. Final Inspection pending turf establishment.

OFC-06 Orleans Canal Remediation - 100% Complete (\$507,431.55) Final Inspection pending turf establishment.

- Mariners Cove Demo - Construction 100% complete (\$502,281.12). Outstanding issue: Building and tennis court slabs removal.
- France Road Gate - Contract Awarded (\$2,271,515.50).
- Permanent Pump Stations - Revised Phase II Proposals due Jan. 17, 2012 and selection announcement scheduled March, 2012.
- O&M/WC Manuel - Volume 1 OMRR&R Manual Template comments received.
- OLD scheduled annual inspection dates with DOTD and USACE for 2011:

<u>Date</u>	<u>Hurricane System and Mississippi River & Tributaries</u>	<u>Status</u>
April 6, 2011	(New Orleans East Polder)	Complete
March 23, 2011	(St. Bernard Polder)	Complete
March 3, 2011	(Orleans Metro Polder)	Complete

B The following are activities completed by O.L.D.:

- 1) Dr. Lorenzo - field work complete.
- 2) Maintenance and inspection of levees, floodwalls and floodgates
- 3rd Quarter Levee, Floodwall and Floodgate field inspections complete.
- 3rd Quarter Remedial Action Reports complete.
- 3) Mississippi River now at 3.1'.
- 4) Safe house: Construction. 98% Complete. Balancing and testing A/C. State Fire Marshall Inspection is scheduled.
Audio/Visual: Construction 80% complete.
- 5) Administration Building Refurbishment - Design is 100% complete.
- 6) Levee permits to date: 52 through 2011.
- 7) House Permits to date: 31 through 2011.
- 8) Bayou Bienvenu closed a total of 92 hours (4 days) in October due to coastal flooding. Bayou Bienvenu cycle maintenance delayed until swing bridge construction progress begins.

- 9) Bayou St. John Water Management Study by Burk-Kleinpeter Complete. Final Reports accepted. Seagrant selection awarded to OLD.
- 10) Seawall Steps Erosion - DEI Amendment signed. Attorney General opinion on recreation features submitted.
- 11) Florida Ave. Floodwall - Burk-Kleinpeter design 95% complete.
- 12) 54 Floodgate Repair - CPRA plans 95% complete.
- 13) Professional Service Contracts:

Gerwick: Outfall Canal Bank Stabilization Monitoring task order is 49% complete.

Midura: Grant administration is 50.3% complete of authorized amount of \$65,000 total.
- 14) Lease Contract:

Long Branch - May 2 - Dec. 31, 2011 for 93,207 sf.
- 15) Personnel: Electrician and hydraulics position developed for advertisement for IHNC Storm Barrier and Seabrook Barrier. Waiting on USACE O&M estimate support documentation. On hold until summer 2012.

Police: Twenty-four positions active after retirements. October monthly recap report attached.

Engineer 6: position advertised.

GJG/pmj

xc: Timothy P. Doody, SLFPA - East President
Robert A. Turner, Jr., SLFPA - East Regional Director
Earl A. Kugelmann Jr., Operations and Maintenance Director

OCTOBER POLDER MONTHLY RECAP

DAY	POLDER			MISS. RIVER	CONCERNS / OBSERVATIONS
	N.O. EAST	N.O. METRO	ST. BERNARD		
1	X				Vehicles removed from M-1
2					
3	X	X			Two vehicles from M-1. Unknown white male passed out on
4					river batture by Eagle Street. Handled by E.M.S.
5		X			Illegally parked vehicle at Marconi and Harrison. 1 parking.
6		X			Graffiti 5000 Warrington.
7					
8					
9	X		X		Dumpster fire at Bayou Bienvenue. Handled by N.O.F.D.
10					Cable gate down at Recovery rd. off Hwy 90
11	X				Eastside Michoud Canal Levee gate down
12					
13	X		X		Haynes and Paris gate down. Cable gate open at Deslonde
14	X				Cable gate at Eagle St. down.
15	X				Graffiti on northside floodwall along Haynes. M-1 burned car
16					on roadway. Cable gate under Danzinger Bridge open.
17					
18		X			Iron gates on eastside Pontchartrain Beach open.
19	X	X			Access road gates open to top of Haynes Levee. Hwy 90
20					gate open. EB-24 found open.
21	X				22 vehicles removed from M-1. gate needed.
22					
23					
24					
25	X				W-20 damaged by truck. Report written.
26					
27					
28					
29					
30					
31					



US Army Corps
of Engineers

SEABROOK GATE COMPLEX

POST-HYLA PROGRESS SUMMARY REPORT June 1, 2011 - October 26, 2011

(Progress reported as of Noon Wednesday)

POURS	West Lift Gate and T-Walls																								
	W-4		W-3		W-2		W-1		Base Slab		Pier		North Gate Bay Wall		South Gate Bay Wall		Tower Walls EL 16' to 37'		Tower Slab @ Elev. 38'		Tower Walls EL 38' to 51.67'		Roof Slab		
	Base	Stem	Base	Stem	Base	Stem	Base	Stem	EAC	ITD	EAC	ITD	Tower 1	Tower 2	Tower 1	Tower 2	Tower 1	Tower 2	Tower 1	Tower 2	Tower 1	Tower 2	Tower 1	Tower 2	
Concrete	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rebar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Forms	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD
Pipe Pile	0	0	0	0	0	0	0	18	18	34	34	87	87												
Sheet Pile	11	11	8	8	11	11	12	12	32	32															
H-Pile	20	20	15	15																					
Set Gate												Install Gate												Commission Gate	

POURS	East Lift Gate and T-Walls																								
	E-4		E-3		E-2		E-1		Base Slab		Pier		North Gate Bay Wall		South Gate Bay Wall		Tower Walls EL 16' to 37'		Tower Slab @ Elev. 38'		Tower Walls EL 38' to 51.67'		Roof Slab EL 52.67		
	Base	Stem	Base	Stem	Base	Stem	Base	Stem	EAC <th>ITD <th>EAC <th>ITD <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> </th></th></th>	ITD <th>EAC <th>ITD <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> </th></th>	EAC <th>ITD <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> </th>	ITD <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th> <th>Tower 3</th> <th>Tower 4</th>	Tower 3	Tower 4	Tower 3	Tower 4	Tower 3	Tower 4	Tower 3	Tower 4	Tower 3	Tower 4	Tower 3	Tower 4	
Concrete	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Rebar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Forms	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD
Pipe Pile	0	0	0	0	18	18	34	34	87	87															
Sheet Pile	11	11	11	11	11	11	12	12	32	32															
H-Pile	14	14	24	24																					
Set Gate												Install Gate												Commission Gate	

POURS	Sector Gate																								
	Base Slab		Machine Block I		Thrust Block I		Walls I		Machine Block II		Thrust Block II		Walls II		Set Gate		Install Gate		Commission Gate						
	Base	Stem	Base	Stem	Base	Stem	Base	Stem	Base	Stem	Base	Stem	Base	Stem	East	West	East	West	East	West					
Concrete	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rebar	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Forms	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD	EAC	ITD
Pipe Pile	136	136																							
Sheet Pile	51	51																							
Set Gate												Install Gate												Commission Gate	

Major Milestones			
Gate Foundation Complete	10/8/2011	Gate Superstructure Complete	All Gates Set
Scheduled	10/8/2011	Under Review	Under Review
Actual	10/8/2011		

Gate Fabrication	
Sector Gates	30%
Lift Gates	85%