HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

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Green=Actual Date

Contract No *Prime Contractor*	Contract Name	Award Contract Date	Estimated Substantial Complete	Original Award Amount
GI-Grand Isle				
GI-01	**Grand Isle Federal Levee**	4/8/2008	11/25/2008	$12,497,052.00
Bertucci Industrial Services, LLC				
GI-01A	**Grand Isle Federal Levee (Post Gustav)**	4/1/2009	2/17/2010	$25,725,875.00
Weeks Marine, Inc.				
GI-01B	**Grand Isle Federal Levee**	12/16/2009	7/28/2010	$669,790.00
Healtheon				
GI-01C	**Grand Isle Federal Levee Dune Repair**	4/23/2013	3/27/2014	$2,522,478.00
Grillot Construction LLC				
GI-01D	**Grand Isle Federal Dune Crossover Repair**	8/19/2015	3/21/2016	$1,044,140.00
Conquistador Dorado JV				
Total # of Contracts: 5	**GI-Grand Isle**	**Total Award Amount:**		**$42,459,335.00**

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IHNC-Inner Harbor Navigational Canal

IHNC-01	**IHNC Flood Protection - Seabrook**	10/30/2009	6/30/2012	$495,000.00

Alberici Constructors, Inc.

Seabrook Gate will be located 540' south of the Ted Hickey Bridge and it will have one navigable Sector Gate and two Vertical Lift Gate that will tie back to Lateral Proection in the IHNC. / Seabrook Gate will be located 540' south of the Ted Hickey bridge at the confluence of the IHNC and Lake Pontchartrain. It will have a 95 foot navigable sector gate with a -16 sill elevation and two auxiliary flow non-navigable 50' wide vertical lift gates. The project will have T-walls that will tie back to existing lateral protection within the IHNC. The Gate Complex and T-Wall will be build to elevation +16.00

IHNC-02	**IHNC Flood Protection - GIWW/MRGO**	4/3/2008	12/21/2012	$695,489,766.00

Shaw Environmental

The Inner Harbor Navigation Canal (IHNC) Lake Borgne Hurricane Protection Project is located in St. Bernard and Orleans Parish, Louisiana. / The Work Site is bounded generally on the south by the Mississippi River Gulf Outlet (MRGO) and on the north by the Gulf Intracoastal Waterway (GIWW). A hurricane protection barrier is being constructed from the MRGO to the GIWW. The hurricane protection barrier is a floodwall constructed of 66" spuncast piles, closure piles set in grout, 36" steel batter piles, a precast cap beam, and a cast in place parapet wall. The south hurricane protection barrier extends from the St. Bernard Levee to the Bayou Bienvenue Gate. The north hurricane protection barrier extends from the Bayou Bienvenue Gate to the GIWW Gate Structure. The project site has three (3) defined navigable gates through the area; the Bayou Bienvenue lift gate, the GIWW Bypass Barge gate, and the GIWW sector gate. The area consists of open water and marshland. Access to the project site shall be from the MRGO and/or the GIWW from open water. The Work's final elevation is 24 feet above the water line.

IHNC-02a	**Bulkhead and Platform Repair at IHNC Surge Barrier**	6/13/2014	1/13/2015	$2,817,300.01

Quality First Construction, LLC

IHNC-02b	**Tripping Dolphins at GIWW Sector Gate (Hired Labor)**	2/10/2015	7/1/2015

Installation of Permanent Tripping Dolphins to replace the temporary dolphins removed during construction / Design and construct 10 sets of 3 pile clusters to be used as tripping dolphins with 5 each on the flood and protected side of the GIWW Sector Gate and perpendicular to the Surge Barrier. Anticipate using 24" dia. Steel verticle pile approx 100' in length with two 18" kicker piles to form each pile cluster.

IHNC-02d	**Inspection and Modification of Two Windlass Hydraulic Power Units at the GIWW Surge Barrier Barge Gate**	9/23/2016	1/6/2017

Total # of Contracts:	**5**	**IHNC-Inner Harbor Navigational Canal**	**Total Award Amount:**	**$698,802,066.01**

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JPS-Jefferson Parish Pump Stations				
JPS-01 **BENCO**	**Jefferson Pump Stations - Roofing Repairs Bonnabel**	5/10/2006	7/31/2006	$96,500.00
JPS-02 **BENCO**	**Jefferson Pump Stations - Roofing Repairs Duncan**	5/11/2006	7/31/2006	$99,900.00
JPS-03A **Crown Roofing**	**Jefferson Pump Stations - Roofing Siding Repairs**	7/17/2006	9/4/2006	$96,093.92
JPS-03B **Crown Roofing**	**Jefferson Pump Stations - Roofing Siding Repairs**	7/17/2006	9/4/2006	$73,385.00
JPS-03C **Crown Roofing**	**Jefferson Pump Stations - Roofing Siding Repairs**	7/17/2006	9/4/2006	$98,384.20
JPS-04 **Healtheon**	**Jefferson Pump Stations - Misc Repairs #1**	11/8/2006	3/1/2007	$58,103.69
JPS-05 **Crown Roofing**	**Jefferson Pump Stations - Misc Repairs #2**	10/30/2006	2/27/2007	$84,013.00
JPS-06 **Crown Roofing**	**Jefferson Pump Stations - Misc Repairs #3**	11/2/2006	12/8/2006	$67,938.00
Total # of Contracts:	**8**	**JPS-Jefferson Parish Pump Stations**	**Total Award Amount:**	**$674,317.81**

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JSP-Jefferson Parish Storm Proofing

JSP-01	**Jefferson Storm Proofing - Climber Screens**	5/14/2009	5/14/2010	$8,939,900.00
Cycle Construction Co., LLC				
Westminster and Parish Line / Climber screens will be provided at Westminster and Parish Line pump stations.				
JSP-02	**Jefferson Storm Proofing - Mount Kennedy Generator**	10/14/2009	4/6/2011	$2,960,440.00
Cycle Construction Co., LLC				
Mount Kennedy Generator / Storm Proofing of an existing 3 electric pump station, including: 2 new 1500 kW generators, 2 new 600 gal. diesel fuel tanks, several other misc. items. This project consists of the installation of dual stand-by generators that will power the existing pumps to provide continuous power in the event of the loss of service. Work also includes storm force wind protection of vertical pump motors and other miscellaneous equipment, remote monitoring of generators and security cameras.				
JSP-03	**Jefferson Storm Proofing - Five Safe Rooms**	12/18/2007	6/25/2008	$17,164,000.00
Cycle Construction Co., LLC				
Westwego 2, Estelle 2, Hero, Cataouatche and Planters / Five new safe rooms were constructed with remote pump operation at Westwego #2, Estelle #2, Hero, Cataouatche and Planters.				
JSP-04	**Jefferson Storm Proofing - Seven Pump Station Automation**	9/22/2008	4/9/2009	$9,737,000.00
Healtheon				
Ames, Westminster, Parish Line, Duncan, Elmwood, Suburban and Bonnabel / Remote pump operation was provided at two pump stations, Parish Line and Westminster Lincolnshire, which lack existing safe rooms. The remote operation of these two pump stations was provided by a Supervisory Control and Data Acquisition (SCADA) communication system from two nearby existing safe rooms, Duncan and Ames. *Additional pump automation was provided for existing pumps through existing Programmable Logic Controllers (PLC) located in existing safe rooms at five other existing pump stations, Ames, Duncan, Elmwood, Suburban and Bonnabel.*				
JSP-05	**Jefferson Storm Proofing - Storm Proofing Pump Stations**	12/24/2009	4/19/2012	$17,296,951.00
Benetech, LLC.				
Storm Proofing at Cataouatche Nos. 1 & 2, Estelle No.2, Hero Nos. 1 & 2, Planters Nos 1 & 2, and Westwego No. 2 / This project constructs storm proofing measures at these identified locations: Westwego #2, Estelle #2, Hero, Cataouatche, and Planters pump stations. These storm proofing measures include, but are not limited to, the following: frame, roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; providing non potable water systems; and miscellaneous electrical and mechanical equipment storm proofing measures.				
JSP-06	**Jefferson Storm Proofing - Storm Proofing Two Pump Stations**	1/27/2010	2/17/2012	$7,680,291.87
Healtheon				
Ames & Duncan / Both Ames on the WB and Duncan on the EB will receive new roof systems above the existing, new 1750 kW generators and new 2000 gal diesel fuel tanks. Each will have significant storm-proofing to the existing pump stations. Several additional minor items of work will be performed.				
JSP-07	**Jefferson Storm Proofing - Storm Proofing Two Pump Stations**	11/24/2009	2/14/2011	$7,439,050.00
Benetech, LLC.				
Bonnabel & Suburban / Bonnabel and Suburban Stations storm proofing consist of adding new 1750 kW and 1500kW generators and platforms, additional 25,000 gal fuel tanks, raising trash rakes motors, and building and roof modifications.				
JSP-07a	**SCADA at Bonnabel & Suburban Pump Stations**	2/10/2012	6/10/2012	$146,150.00
Reeves Electrical Service (RES)				
JSP-08	**Jefferson Storm Proofing - Storm Proofing Two Pump Stations**	7/23/2010	10/15/2012	$7,213,961.29
DQSI				
Cousins & Elmwood / This project is for the storm proofing measures at Cousins 1, 2. & 3 and Elmwood 1 & 2 pump stations to include, but are not limited to, the following: frame, roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; providing non potable water systems; and miscellaneous electrical and mechanical equipment storm proofing measures.				
JSP-08a	**Interior Pump Station, Elmwood, Cousins No.1, No. 2 & NO. 3, Jefferson Parish, Louisiana**	8/15/2013	2/6/2014	$478,045.76
Keiland Construction, LLC				

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JSP-Jefferson Parish Storm Proofing

JSP-08b	**Service Contract for Hero and Cousins Pump Stations**	1/30/2015	5/15/2015	$453,000.00

APC Construction Co. LLC

Modification of The PLC systems at Hero and Cousins Pumping Stations so that the critical pump components can be operated at the safe house during a storm event. / This new contract is needed to modify the PLC systems at Hero and Cousins Pumping Stations so that the critical pump components can be operated at the safe house during a storm event.
The pumps are not wired into the PLC controls at Cousins PS. This work was included in the original Storm Proofing P&S, but the Contractor successfully argued that the P&S was not sufficiently clear in requiring this work.
The inclusion of the operation of the butterfly valves from the PLC at Hero was not included in the WBV-03a contract nor by the Storm Proofing Team as the electrical design for the pump station had been completed prior to Katrina and the construction of the safe house.

JSP-09	**Jefferson Storm Proofing - Storm Proofing Three Pump Stations**	10/19/2010	4/26/2013	$5,775,043.30

Healtheon

Bayou Segnette #1 and #2 Whitney Barataria / This project is for the storm proofing measures at Bayou Segnette 1 & 2 and Whitney Barataria pump stations to include, but are not limited to, the following: frame, roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; providing non potable water systems; and miscellaneous electrical and mechanical equipment storm proofing measures.

JSP-10	**Jefferson Storm Proofing - Storm Proofing Two Pump Stations**	5/14/2010	7/8/2011	$2,416,814.00

Reeves Electrical Service (RES)

Westminster & Parish Line / The work at Westminster Pump Station will include strenghening the building and protecting the equipment, and the installation of a house generator. The work at Parish Line Pump Station will include strenghening the building and protecting the equipment.

JSP-11	**Jefferson Storm Proofing - Storm Proofing One Pump Station**	4/28/2010	7/12/2011	$1,911,805.00

Healtheon

Canal Street / The work includes replacing existing roof, provide automatically controlled dampers, water well with enclosure, reinforce existing masonry walls, provide hurricane doors and louvers, missile barrier protection, wet location interior lighting, new generator (500kW with auxiliaries), etc.

JSP-13	**Jefferson Storm Proofing - DPS Estelle No 1 Storm-Proofing**	4/4/2011	4/20/2012	$3,233,000.00

Garner Services LLC

DPS Estelle No 1 Storm-Proofing / This project is for the storm proofing measures at Estelle No. 1 pump station to include, but are not limited to, the following: providing generator and fuel tanks; installation of new mechanical screens; and miscellaneous electrical and mechanical equipment storm proofing measures. Also included is remote operation of this pump station from Estelle No. 2 pump station.

JSP-14	**Jefferson Storm Proofing - DPS Harvey Storm-Proofing**	3/4/2011	1/10/2012	$2,199,638.79

Allen Wright Enterprises / Hamps Construction

DPS Harvey Storm-Proofing / This project is for storm proofing measures at Harvey pump station to include, but are not limited to, the following: frame, roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; providing non potable water systems; installation of new mechanical screens; and miscellaneous electrical and mechanical equipment storm proofing measures.

JSP-17	**Jefferson Storm Proofing - Repair Safehouses**	2/2/2011	4/14/2011	$84,151.59

Progressive Construction

Repair Safehouses / Repair of the five Jefferson Parish Safe Houses stairways on the west bank.

Total # of Contracts:	**17**	**JSP-Jefferson Parish Storm Proofing**	**Total Award Amount:**	**$95,129,242.60**

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LGM-Larose to Golden Meadow

LGM-000	**Section D; South Berm and Mitigation Levee**	11/21/2006	9/27/2007	$1,728,949.56
Purnell Construction Co., Inc.				
LGM-001A	**Section C North 3rd Lift-Phase 2, Hwy 1 to Larose Floodgate**	7/17/2009	11/13/2009	
Hired Labor				
LGM-002	**D North 3rd Lift**	11/21/2006	2/8/2008	$2,879,233.25
DQSI				
Accelerate to complete construction of 3rd levee enlargement. / This contract involves the placement of a third lift of levee embankment to bring the existing levee up to the design elevation.				
LGM-020B	**Golden Meadow Pump Station Floodwall**	12/21/2010	4/11/2012	$7,380,137.00
Aquaterra-CAYO				
LGM-022A	**GIWW Larose Floodwall**	8/15/2011	10/11/2012	$5,190,804.00
Aquaterra-CAYO				
LGM-022B	**GIWW LaRose Floodwall Reach 2a**	12/3/2014	1/31/2017	$4,989,517.00
RDC Circle, LLC				
LGM-025A	**Section D North LOOP T-Wall and Gate**	4/14/2011	11/11/2011	$1,125,762.00
Blackhawk Ventures, LLC				
Demolition of the existing Loop Gate and flanking floodwalls and construction of an earthen levee and ramp to authorized height. / The US Army Corps of Engineers, New Orleans District (CEMVN) proposes to demolish the existing Loop Gate and flanking Floodwalls and construct an earthen levee and ramp to authorized height and allow traffic to the LOOP facility to flow unhindered during hurricane events. The project site is located in Lafourche Parish, Louisiana, east of the town of Galliano within the D-North Levee Reach of the LGM ring levee system. The work generally involves removal of the existing Loop gate, sheetpile, I-Walls, and existing earthen levee and permanent elevated asphalt ramp. The new levee, ramp and crown transitioning into existing crown embankment will require 5100 CY of clay embankment material and the temporary ramps will require 800 CY of clay embankment material taken from existing borrow pits in the vicinity.				
LGM-028A	**S. L. Crawfish Farm Pump Station Discharge**	10/4/2009	4/12/2010	$4,421,000.00
Reeves Electrical Service (RES)				
A-E DESIGN SERVICES CONTRACT / The project plan is to stabilize the Crawfish Farm Pumping Station I-wall using Phase 1 Criteria. The professional services required of the A-E include detailed engineering and design (E&D). The E&D consists of incorporating the various design data, investigations and information provided into a constructible set of Plans and Specifications. The A-E will need to provide: (1) detailed geotechnical analysis and design including a geotechnical report and (2) structural analysis and design on the project's components at existing elevations. The A-E shall provide detailed plans, specifications, quantities, cost estimates, and design documentation required by this scope. If the final plan is different from the above assumptions, appropriate contracting measures will be necessary.				
LGM-031D-002	**E-North Levee Repair**	8/31/2010	2/8/2011	$1,305,975.96
DQSI				

Total # of Contracts:	**9**	**LGM-Larose to Golden Meadow**	**Total Award Amount:**	**$29,021,378.77**

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LPV-Lake Pontchartrain and Vicinity

LPV-00.1	**Reach 1 Lakefront Levee - Phase 1**	8/31/2006	5/14/2008	$4,567,977.50

DQSI

Levee - Bring to design elevations / This segment of the HPS consists of approximately 2.0 miles of levee along the East Jefferson lakefront from the east end of the Re-curve Floodwall adjacent to the West Return Canal to the west end of the tie-in floodwall on the west side of Pump Station #4 (Duncan). This earthen levee has a 7 foot wide crown with a design elevation of +16 NAVD88 and 1 vertical on 3 horizontal side slopes. At present virtually all of the length of the levee crown is below design grade with a 1 to 2 foot deficiency throughout. This contract provides for accelerated construction completion to the authorized level of protection of a levee lift to an elevation of +17 NAVD88, thus providing one foot of overbuild in anticipation of further levee subsidence.

LPV-00.2	**Reach 1 Lakefront Levee - Phase 2**	8/18/2009	9/10/2010	$3,164,649.00

Phylway Construction

The existing levee raised to Elevation +16.5 feet NAVD88 with existing berms raised as well. / This segment of the HSDRRS consists of approximately 2.0 miles of levee along the East Jefferson Lakefront from the east end of the Re-curve Floodwall adjacent to the West Return Canal to the west end of the tie-in floodwall on the west side of Duncan Pump Station (PS #4). Per the contract, this earthen levee constructed to have a 10 foot wide crown at an elevation of +16.5 feet NAVD88, a 1 vertical on 3 horizontal side slope for the protected side, and a 1 vertical on 4 horizontal slope for the flood side. The wave berm and stability berm also elevated as a part of the contract. The design elevation for this reach is +15.5 feet NAVD88, thus the contract provided one foot of overbuild in anticipation of future levee subsidence.

LPV-01.1	**Reach 2 Lakefront Levee - Phase 1 & 2**	7/14/2009	1/5/2011	$3,553,407.50

Southern Services & Equipment, Inc.

Levee - Bring to authorized level of protection. / This section of levee runs approximately 1.5 miles along the East Jefferson lakefront from the east end of the tie-in floodwall on the east side of Pump Station #4 (Duncan) to the west end of the tie-in floodwall on the west side of the Pump Station #3 (Elmwood). This earthen levee has a 7 foot wide crown with a design elevation of +16.5 NAVD88 (100 yr level of protection elevation) and 1 vertical on 3 horizontal side slopes. On the flood side there is a wave berm that slopes downward from the levee toe to the lakeshore, while on the protected side there is a stability berm and an adjacent landside rainfall runoff collection and drainage system. At present the crown of this levee reach is approximately 0.1 foot below design grade on average. Proposed herein for accelerated completion is the construction of a levee lift to an elevation of +18 NAVD88, thus providing 1.5 foot of overbuild in anticipation of further levee subsidence.

LPV-01.2	**Foreshore Protection A - Phase 2**	9/17/2010	2/18/2013	$22,566,375.52

B.I.S Services L.L.C

The project calls for extending the wave berm of the levees by 90 feet into Lake Pontchartrain along Reaches 1 and 2 using uncompacted fill and graded stone. / Contract provides wave attenuation/foreshore protection along the floodside of lakefront levee systems of Reach 1 and Reach 2. The wave attenuation berm extends the existing berm on a 1 vertical on 30 horizontal slope to 200 feet from the centerline of the levee. Foreshore protection in the form of a 50 foot wide graded stone dike added on the toe of the berm.

LPV-02.1	**Reach 3 Lakefront Levee (3rd Lift) - Phase 1**	10/6/2006	7/28/2008	$5,524,475.00

Creek Services, LLC

Levee - Bring to authorized level of protection / This segment of the HPS consists of approximately 2.3 miles along the East Jefferson lakefront from the east end of the tie-in floodwall on the east side of Pump Station #3 (Suburban) to the west end of the tie-in floodwall on the west side of the Pump Station #2 (Elmwood). This earthen levee has a 7 foot wide crown with a design elevation of +16 NAVD88 and 1 vertical on 3 horizontal side slopes. At present the crown of this levee reach is approximately 1 foot below design grade on average. This contract provides for accelerated construction completion to the authorized level of protection of a levee lift to an elevation of +17 NAVD88, thus providing one foot of overbuild in anticipation of further levee subsidence.

LPV-02.2	**Reach 3 Lakefront Levee - Phase 2**	7/14/2009	9/10/2010	$3,560,694.98

Southern Services & Equipment, Inc.

Already built to authorized level of protection. Raise and construct levees/floodwalls to 100 year levels. / This segment of the HPS consists of approximately 2.3 miles along the East Jefferson lakefront from the east end of the tie-in floodwall on the east side of Pump Station #3 (Suburban) to the west end of the tie-in floodwall on the west side of the Pump Station #2 (Elmwood). This earthen levee has a 7 foot wide crown with a design elevation of +16 NAVD88 and 1 vertical on 3 horizontal side slopes. At present the crown of this levee reach is approximately 1 foot below design grade on average. This contract provides for construction to the 100 year level of protection of a levee lift to an elevation of +19 NAVD88, thus providing one foot of overbuild in anticipation of further levee subsidence.

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LPV-Lake Pontchartrain and Vicinity

LPV-03.2A	**West Return Floodwall (Southern Segment) - Phase 2**	7/30/2010	4/30/2012	$36,874,844.00

Cajun Constructors

Floodwall - Bring to design elevations and stability. Construct to 100 year level of protection / This segment of the HPS consists of about 3.3 miles of floodwall, beginning in the vicinity of the New Orleans International Airport and extending northward along the Jefferson-St. Charles Parish line to the Lakefront levee on the south shore of Lake Pontchartrain. The existing floodwall is a combination of sections of T-wall and I-wall and the entire wall is deficient in elevation, stability and scour protection. This contract will provide reconstruction of the existing floodwall with a new floodwall or levee to provide a 100 year level of protection.

LPV-03.2B	**West Return Floodwall (Northern Segment) - Phase 2**	7/15/2010	5/22/2012	$82,642,364.60

Odebrecht / Johnson Bros Joint Venture

Floodwall - Bring to design elevations and stability. Construct to 100 year level of protection / This segment of the HPS consists of about 3 miles of floodwall, beginning at Interstate Highway 10 and extending northward along the Jefferson-St. Charles Parish line to the Lakefront levee on the south shore of Lake Pontchartrain. The existing floodwall is a combination of sections of T-wall and I-wall and the entire wall is deficient in elevation, stability and scour protection. This contract will provide reconstruction of the existing floodwall with a new floodwall to provide a 100 year level of protection.

LPV-03.2B.1	**West Return Floodwall (Northern Segment) LSRO (Landside Runoff Collection System)**	2/4/2013	8/25/2014	$2,992,817.29

Healtheon

Landside Runoff Drainage Collection and Conveyance System / This work consists of a system of swales, drop inlets, and subsurface pipes within the levee district right of way that collect rainfall runoff and seepage from the protected side of a 2.5 mile long portion of the LPV-3.2B – North floodwall located primarily adjacent to privately owned residential property in the City of Kenner. The water collected by this system is conveyed to a nearby Jefferson Parish owned drainage canal at three points along its length via sub-surface pipes located within public right of way. The offsetting of the new floodwall alignment generally 35 feet further to the west than the pre-existing floodwall substantially increased the runoff onto the adjacent properties.

LPV-03.2B.2	**Landside Runoff Lip Levee Drainage Along West Return Floodwall**	12/18/2014	3/15/2017	$149,934.28

LPV-03a.1	**West Return Floodwall - Vintage - Phase 1**	5/13/2006	7/1/2006	$1,684,397.00

Purnell Construction Co., Inc.

Floodwall - Repair and improvements to stability

Physically complete 30 Jun 06 / This segment of the HPS consists of about 1600 linear feet of the West Return Floodwall in Jefferson Parish in the vicinity of Vintage Blvd. The existing protection is a concrete capped I-Wall which was damaged (deflected) by Hurricane Katrina. This contract provides for construction of about 1600 linear feet of new I-Wall, using longer and heavier steel sheet pile sections, plus a small earthern berm and scour protection (slope paving) on the landside of the new I-Wall.

LPV-03c.1	**West Return Floodwall- I-wall @ I-10 - Phase 1**	4/24/2007	7/27/2007	$85,000.00

Purnell Construction Co., Inc.

Floodwall - Improve stability. / This segment of the HPS consists of a 460 LF section of sheet pile founded reinforced concrete I-wall underneath the I-10 highway on the Jefferson-St Charles Parish line. The existing floodwall is deficient in elevation (due to constraints imposed by the existing highway) and stability. This contract will reduce the stick-up of the existing wall to improve stability.

LPV-03d.2	**Airport Runway10 Levee - Phase 2**	9/28/2010	12/30/2011	$1,852,604.00

Progressive Construction

Levee - Bring to 100 year level of protection. / The existing levee segment, which is approximately 3200 feet in length adjoins LPV-04.2B on the south and the West Return Floodwall to the north.The existing levee is deficient in cross section and elevation and does not meet new design standards. Primary design and construction considerations include maintaining operation of the runway during construction, maintaining visibility and alignment of the runway approach lighting, and coordination of all activity with the Airport Authority. The levee work will include a 45' floodside shift.

LPV-04.1	**Levee - Reach 1A, 1B & 2A - Phase 1 & 2**	6/28/2007	6/30/2010	$12,933,984.80

Clark Construction Enterprises, LLC

Bringing levee to design elevations and some portions to 100 year level of risk reduction. / This contract consists of the Reach 2A segment (about 3.5 miles long) extending from the Bonnet Carre Lower Guide Levee on the west to the Goodhope Floodway on the east, and the Reach 1A and Reach 1B segments (about 2.5 miles long) extending from Reach 2B on the west to the Illinois Central Railroad on the east. This contract was modified to raise the levees from Bayou Trepanier to Shell Pipeline and from Walker Drainage Structure to Canadian National Railroad to 100 year levels of risk reduction.

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LPV-Lake Pontchartrain and Vicinity

LPV-04.2A	**Levee - Reach 1A from Cross Bayou to St. Rose and Gulf South Floodwall - Phase 2**	9/28/2009	6/1/2011	$9,052,369.05

Bucktown Contractors and Company

Raising and constructing levees and floodwalls to 100 year level of risk reduction. / The existing levee to be raised to +16.5 feet NAVD88 and the existing Gulf South Floodwall to be replaced and to be rebuilt to +17.0 feet NAVD88. Of the 5,200 feet of levee, approximately 2,900 feet to be degraded to place geotextile fabric prior to being raised back to the 100 year level of risk reduction. The Gulf South Pipeline Floodwall consists of 464 LF of floodwall where the pipeline (formerly known as Koch-Gateway Pipeline) crosses the levee project.

LPV-04.2B	**Levee - Reach 1B from I-310 to Walker Drainage Structure - Phase 2**	12/17/2009	6/1/2011	$7,968,555.00

Creek Services, LLC

Raising and constructing levees and floodwalls to 100 year level of risk reduction. / This contract raises 9,217 feet of levee to an elevation of +16.0 feet NAVD88 and also relocates the Fox Lane access road.

LPV-05.1	**Levee - Reach 2B (2nd Lift) - Phase 1**	9/14/2006	12/3/2007	$4,655,130.00

Bucktown Contractors and Company

Levee - Bring to design elevations / This segment of the HPS (PRO) consisits of approximately 2.2 miles of earthern levee in the Lake Ponchartrain and Vicinity Hurricane Protection Project located in St. Charles Parish, north of St. Rose. This levee has an 8 foot wide crown, 1 vertical to 2.75 horizontal side slopes, and a design grade of 13.0 NAVD88. Both protected side and floodside stability berms are required and a roadway will be provided on the protected side stability berm. This section of levee is currently about 2 feet deficient in grade. This contract provides for embankment to increase the levee grade to elevation 14.0 or 15.0, as required by foundation conditions, providing overbuild in anticipation of future levee subsidence.

LPV-05.2A	**Levee - Reach 2A Shell Pipeline to Goodhope and Shell Pipeline Floodwall Replacement - Phase 2**	12/17/2009	1/22/2011	$6,635,166.50

Bucktown Contractors and Company

Already built to authorized level of protection. Raising and constructing levees/floodwalls to 100 year level of risk reduction. / This segment consists of about 1 mile of levee extending from the Shell Pipeline Floodwall on the west to the vicinity of the Goodhope Floodwall on the east. This contract raises the levee to the 100 year level of risk reduction with a construction grade of 16.5 feet NAVD88. This levee lift is comprised of 1,700 LF straddling the existing alignment and another 2,850 LF requiring degrading of the levee for geotextile fabric installation prior to raising back to the 100 year level of risk reduction.

LPV-05.2B	**Levee - Reach 2B - from Good Hope to Cross Bayou - Phase 2**	11/24/2009	12/23/2010	$12,191,374.00

Phylway Construction

Already built to authorized level of risk reduction. Raising and constructing levees/floodwalls to 100-year levels. / This segment consists of about two miles of levee extending from the Goodhope Floodwall on the west, to the vicinity of the Cross Bayou Pump Station on the east. Due to limited right-of-way availability in this area, the existing 10,000 feet of levee is to be temporarily degraded to +3.0 feet NAVD88 allowing installation of geotechnical fabric improving the foundation and reducing the required footprint of the new levee. This contract raises the levee to the 100 year level of risk reduction with a construction grade of 16.5 feet NAVD88.

LPV-06.1	**Floodwall Tie-ins & Bayou Trepagnier Drainage Structure- Phase 1**	3/3/2007	12/20/2007	$979,323.00

Reeves Electrical Service (RES)

Interim protection on floodwall tie-ins at 6 locations, including work on the Canadian National RR gate and Bayou Trepagnier Drainage Structure Tie-Ins. / This segment of the HPS system consists of short segments of concrete T-wall and uncapped sheet pile I-wall at 6 locations as described below. At each location there is a center section of concrete T-wall flanked on each side by I-walls which from a tie in from the T-wall to the adjacent levee sections The walls are generally deficient in elevation, stability and scour protection in the event of overtopping. This contract provides for earthen stability berms at the I-walls to reduce the stick-up, scour pads adjacent to the floodwalls and scour protection at the levee/I-wall transitions. The approximate length of I-wall to receive protection is as follows:
Bayou Trepagnier Pump Station Floodwall -- 307 LF
Shell Pipeline Floodwall -- 113 LF
Good Hope Floodwall and Swing Gate -- 378 LF
Gulf South Floodwall -- 140 LF
Canadian National Railroad Gate -- 149 LF
Bonnet Carre Floodwall --

LPV-06a.2	**Bayou Trepagnier Complex Floodwall - Phase 2**	12/23/2009	1/14/2011	$5,898,178.12

Healtheon

Constructing floodwall tie-ins to 100-year level of risk reduction. / Constructing 587 feet of new T-wall fronting protection for Bayou Trepagnier Pump Station to 18.5 feet NAVD88, removing the existing drainage structure, and replacing adjoining floodwalls to an elevation of 16.5 feet NAVD88.

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LPV-06b.2	**Shell Pipeline Floodwall - Phase 2**	12/9/2010	5/16/2011	$1,621,923.02

Bucktown Contractors and Company

Constructing floodwall to 100 year level of risk reduction. / This section of the HSDRRS consists of a floodwall section where the Shell Pipeline crosses the project. The center of the floodwall is an 160-foot long concrete T-wall section to be built to +17.0 feet NAVD88.

LPV-06c.2	**Goodhope Floodwall - Phase 2**	12/18/2009	9/17/2010	$2,402,524.00

Integrated Pro Services, LLC

Constructing floodwall to 100 year level of risk reduction. / This section of the HSDRRS is a 466 LF floodwall segment. The center portion consists of concrete T-wall monoliths built to +17 feet NAVD88, one of which having a vehicle swing gate. This contract provides for reconstructing the floodwall to provide the 100 year level of risk reduction.

LPV-06e.1	**Floodwall Under I-310 - Phase 1**	4/27/2007	11/9/2007	$465,784.43

Purnell Construction Co., Inc.

I-310 floodwall / This segment of the HPS consists of about 1745 LF of uncapped steel sheet pile I-wall in the vicinity of the I-310 and Airline Hwy interchange. The existing I-wall is deficient in elevation, stability and scour protection. This contract will provide additonal earthern stability berms, scour pads for protection against overtopping, and scour protection at levee/I-wall transitions.

LPV-06e.2	**Floodwall Under I-310 - Phase 2**	4/23/2010	5/31/2011	$11,182,945.00

Cajun Constructors

Constructing floodwall to 100 year level of risk reduction. / This contract constructs a floodwall under I-310 to 15.5 feet NAVD88 except under the I-310 main spans, built to 13.5 feet due to limited clearance. The elevation of 13.5 feet is above the 100 year stillwater level elevation, however, steel plates are attached to the top of this portion of floodwall to reduce wavesplash over I-310.

LPV-06f.2	**Illinois Central Railroad Gate - Phase 2**	6/24/2010	7/1/2011	$4,288,000.00

Garner Services LLC

Providing 100 year level of protection. / This contract modifies the existing gate to incorporate a hydraulic closure mechanism and to rebuilt the adjacent floodwalls to an elevation of +15.5 ft NAVD88. This contract also provides for reconstruction or retrofitting of the 421 foot floodwall to provide for 100 year level of risk reduction.

LPV-07.1	**St. Charles Drainage Structure Tie-ins - Phase 1**	9/26/2007	5/30/2008	$846,592.27

Purnell Construction Co., Inc.

Interim protection at Cross Bayou, St Rose, Almedia, and Walker drainage structures. / This segment of the HPS consists of existing floodwalls at four drainage structures as described below. Each of these floodwalls is composed of a center drainage structure section, flanked on each side by concrete T-walls and then by steel sheet pile I-walls which provide a tie-in from the T-walls to adjacent earthern levee sections. The existing floodwalls are deficient in elevation, stability, and scour protection. This contract will provide for earthern stability berms, scour pads, and scour protections at levee/I-wall transitions, as follows:
Cross Bayou Drainage Structure--280 LF of I-wall, 468 LF total
St. Rose Drainage Structure-- 331 LF of I-wall, 581 LF total
Almedia Drainage Structure--130 LF of I-wall, 222 LF total
Walker Drainage Structure--130 LF of I-wall,l 228 LF total

LPV-07b.2	**Cross Bayou Drainage Structure - Phase 2**	3/2/2010	6/7/2011	$9,511,535.96

Lakeshore Engineering

Provide 100 year level of protection. / This segment of the HPS consists of about 468 LF of floodwalls at the Cross Bayou Drainage Structure. The floodwall is a combination of the drainage structure in the center, flanked by concrete T-wall and uncapped steel sheet pile I-wall on each side. The existing floodwall is deficient in elevation, stability and scour protection.
Based on new design standards, a new structure will be built on the floodside of the existing alignment.

LPV-07b.2a	**Cross Bayou Access Bridge and Pile Load Test**	10/15/2009	3/22/2010	$1,035,458.52

DQSI

LPV-07c.2	**St. Rose Drainage Structure & Levee - Phase 2**	12/30/2009	5/19/2011	$6,420,616.60

Quality Enterprises USA

Providing 100 year level of protection. / This project consists of 895 LF of floodwall at the St. Rose Drainage Structure and the eastern portion of Reach 1A Levee. The floodwall is a combination of a drainage structure flanked on each side by concrete T-walls. Based on new design standards, a new structure was built on the floodside of the existing alignment. In addition, 2,800 LF of the Reach 1A Levee between the St. Rose Drainage Structure and I-310 Floodwall was constructed under this contract to facilitate contractor access and alleviate congestion to other neighboring contracts.

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LPV-07d.2	**Almedia / Walker Drainage Structures - Phase 2**	8/14/2009	9/9/2010	$2,634,833.00

Cycle Construction Co., LLC

Providing 100 year level of risk reduction. / This contract involves modification of the Almedia structure, and the Walker Drainage Structure to +15.5 ft NAVD88 to provide the 100 year level of risk reduction. The two structures now consist of approximately 346 feet and 540 feet of new T-wall, respectively.

LPV-09.1	**PS#1 (Bonnabel) Floodwall Tie ins & Floodwall/Gate at Boat Launch - Phase 1**	5/16/2007	11/9/2007	$287,554.00

Cycle Construction Co., LLC

Scour protection and minor earthwork. / This pump station is at the end of an interior drainage canal that approaches the lakefront levee at a significant angle to the shoreline. Because the pump station sits perpendicular to the canal centerline and a short distance landward from the lakeshore, the western end of the station is offset by several hundred feet from the hurricane protection levee alignment, and the east end setback, but less than the west side. At present a low levee and the embedded steel sheet pile (and I-Wall) connects the west end of the pump station's fronting protection to the lakefront hurricane protection levee. Both the levee and the embedded I-wall are legacy elements of the flood protection system pre-dating the LPVHPP, and do not meet current standards for strength, elevation and stability. East of the station a short section of tall I-wall provides a transition between the station and the adjacent levee. The extension of this I-wall above the supporting ground does not meet current standards and thus is also deficient. The plan to remedy these deficiencies calls for new levees and floodwalls on both sides of the pump station. Also the Bonnabel Blvd. vehicular gates and the concrete monoliths in which they are mounted, as well as the flanking concrete capped transitional I-walls are deficient in elevation.

LPV-09.2	**Pumping Stations #1 (Bonnabel), #2 (Suburban), #3 (Elmwood) and #4 (Duncan) Modifications, Fronting Protection, Positive Cutoff and Floodwall Tie-ins - Phase 2**	4/15/2010	10/2/2013	$174,147,922.00

Odebrecht Construction

Bring to 100-yr. level of protection. Contracts LPV-09.2, 10.2, 11.2 and 12.2 have been combined into 09.2 / This contract will provide fronting protection across the discharge basins at Pumping Stations No 1 thru 4, and modifications to the two existing breakwaters at Pumping Stations No 2 and 3.

LPV-09a.2	**Pumping Station #1 (Bonnabel) Breakwater - Phase 2**	5/7/2009	4/30/2010	$9,152,428.00

Boh Bros.

Construct concrete breakwater to elevation 14 ft. / Located in Jefferson Parish, on the east side of Causeway bridge and at the end of the Bonnabel canal, breakwater protection consists of a concrete monolith atop concrete pilings, similar to those constructed at Pump Stations 2 and 3. Pile driving and most construction will be accomplished from barges and floating plant. The structure will extend approximately 850 feet with a top elevation of 14 feet. The breakwater will be constructed to protect the outfall channel and pump station from wave attack.

LPV-10.1	**Pumping Station #2 (Suburban) Floodwall Tie-ins- Phase 1**	9/22/2006	11/9/2007	$1,194,873.00

Bucktown Contractors and Company

Improve I-wall stability, drive new uncapped sheetpile behind existing I-wall. / This pump station is situated at the end of an interior drainage canal that approaches the lakefront levee at a significant angle to the shoreline. Because the pump station sits squarely across this canal (perpendicular to the canal centerline) and a short distance landward from the lakeshore, the western end of the station is offset by several hundred feet from the hurricane protection levee alignment, while the east end is very close. At present there is a low levee with embedded steel sheet pile (an I-wall) that connects the west end of the pump station's fronting protection to the lakefront hurricane protection levee. Both the levee and the embedded I-wall are legacy elements of the flood protection system that pre-dated the LPVHPP, and do not meet current standards for strength, elevation and stability. On the east side of the station a short section of I-wall extends towards the east into a section of low, sub-standard levee, which itself extends approximately 100 feet further to the east. The plan to remedy these deficiencies calls for accelerated construction of additional levee section and floodwalls on both sides of the pump station.

LPV-101.02	**Lakefront Levee OEB - 17th St. Canal to Topaz St.**	7/31/2009	8/15/2011	$33,250,205.00

Tetra Tech EC Inc

Replace I walls with T walls and construct new gates to 100-year height. / This contract includes new T-wall and vehicle floodgates from 17th Street Canal to Topaz St. along West Marina Avenue and Lakeshore Drive.

LPV-101.02A	**Advanced Measures**	9/18/2008	11/17/2008	$384,198.62

Bucktown Contractors and Company

LPV-102.01	**Lakefront Levee OEB - Topaz to Orleans Canal**	10/3/2007	5/3/2008	$1,094,750.00

Merrick Construction Co.

Raise levees to authorized level per DM + calculated overbuild. Close Topaz Gate. / All work has been completed with the exception of the new Canal Street Ramp to be installed by the LPV-104.01A Contractor

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LPV-103.01	**Lakefront Levee OEB - Orleans Canal to London Ave**	12/3/2007	7/24/2008	$5,198,390.00
Merrick Construction Co.				
LPV-103.1A1	**Lakefront Levee OEB - 17th St. Canal to London Av. Canal - Phase 1A**	8/7/2009	11/8/2010	$10,167,659.00
Aquaterra-CAYO				
Marconi gate, Orleans and Bayou St John work / This contract consists of strengthening the existing Marconi Floodgate, converting I-wall to T-wall, and modifying or replacing existing Bayou St. John I-walls. The existing heights range from +12 to +17 feet. New elevations will be to 100-year elevations of +16 feet. In addition, the sector gate at Bayou St. John will be raised.				
LPV-103.1A2	**Gate Structure Lakefront OEB - Orleans Canal to London Ave.**	7/22/2010	8/1/2011	$5,415,522.00
Aquaterra-CAYO				
Replace ramps between Topaz and London Ave, to include the Canal St ramp, Rail St and Lake Terrace / This contract consists of new gates to be constructed across Lakeshore Drive near Rail Street and Lake Terrace. Gates will be built to authorized elevations of +18 and +18.5 feet respectively. I-wall will be converted to L-wall at Rail Street to elevation +18 feet.				
LPV-104.01	**Lakefront Levee OEB - London Avenue Canal to IHNC**	7/13/2007	5/1/2008	$1,286,060.00
Bucktown Contractors and Company				
LPV-104.01a	**Lakefront Levee OEB - London Ave. Canal to IHNC - Phase 1A**	10/21/2009	11/18/2012	$14,071,118.00
Cycle Construction Co., LLC				
LPV-104.02	**Lakefront Levee OEB - London Ave Canal to IHNC**	1/19/2010	5/11/2011	$5,126,259.00
Quality Enterprises USA				
Replace I walls with T walls. / The contract includes a new lakefront UNO campus ramp, replacing the existing Seabrook I-walls with T-walls and a new vehicle gate at the Boat Launch on Road (Leon C. Simon Dr.). The completed heights will be at the 100-year level of +16.5 feet. The floodgate at L-11 will be replaced at the same height as existing (+16.5 feet).				
LPV-104.02b	**Orleans Metro Seepage Cutoff, Seabrook to Franklin, Orleans Parish, Louisiana**	1/30/2013	6/6/2013	$2,173,750.00
Phylway Construction				
LPV-105.01	**Lakefront Airport Floodwalls - West**	4/9/2010	6/29/2011	$12,489,155.00
RCG Enterprises, Inc.				
1+00 to 101+00, Reconstruct floodwalls to 100 yr el. / 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).				
LPV-105.02	**T-Wall Existing Alignment- Lakefront Airport - East**	5/13/2010	7/12/2012	$19,472,000.00
David Boland, Inc.				
T-wall existing alignment - Lakefront Airport (1+00 to 101+00, Reconstruct floodwalls to 100 yr. el.) / 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. 14.5 at the St. Charles Pump station. 1% design height 15.5 ft. for floodwall (2057) and 13.5 ft for levee section (2011).				
LPV-105.03	**Interim Measures at Lakefront Airport Floodwall. Completed by Hired Labor**	7/18/2007	9/15/2007	$750,000.00
Hired Labor				
LPV-106	**Replace Levee W/T - Citrus Lakefront Levee (West of Paris Road)**	5/13/2010	12/12/2011	$15,994,508.50
L&A Contracting Co				
101+00 to 292+00, 307+00 to 335+00. Raise protection to 100 yr. section / This reach is approximately 21,648 ft long. The work in this Reach involves raising the existing embankment section with a Sheetpile cutoff wall encased in concrete to elevation 14.5. I				

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LPV-106a	**Lakefront Levee -West of Paris Road - Crack Repairs**	3/27/2013	7/15/2013	
Keiland Construction, LLC				
LPV-107	**Lincoln Beach Levee and Gate Replacement**	5/12/2010	7/28/2011	$7,325,685.50
Shavers-Whittle Construction				
292+00 to 306+00. Reconstruct floodwall to 100 yr el. / This reach is approximately 1,472 ft long. The work in this Reach involves replacing of existing I-wall with T-wall. The access flood gate and associated T-wall located at the entrance to Lincoln Beach will be replaced with a new gate and T-wall sections. Existing elevations are at approx. El. 12.5. 1% design height 15.5 ft.				
LPV-108	**Raise Levee - Paris Rd. to South Point**	11/21/2008	5/26/2010	$10,551,860.00
Hamps Construction				
335+00 to 665+00 (Southpoint). Raise levee to 100 yr. el. / 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. Existing elevations are approx. between El. 17 and 18. Restoring levee to pre-Katrina authorized elevations will satisfy 1% current design elevation criteria. Included as a modification this contract shall provide a concrete T-Wall around Collins Pipe Line in accordance with P&S Request For Proposal letter RFP-0005, datd April 2, 2009				
LPV-109.02a	**New Orleans East Levee - South Point to CSX RR (100 YR)**	3/30/2010	8/31/2011	$112,247,806.00
Archer Western Contractors Inc.				
Raise levees to 100 year section; Southpoint to CSX RR / 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.				
LPV-109.02A1	**Wick Drain Test Section**	8/14/2009	11/6/2009	$843,720.00
Cycle Construction Co., LLC				
LPV-109.02A2	**Drainage Blanket**	10/23/2009	7/3/2010	$25,622,185.00
B.I.S Services L.L.C				
LPV-109.02A-BS	**New Orleans East Levee - South Point to CSX RR (100 YR)**	12/3/2009	5/12/2011	
Chapel Hill, LLC				
LPV-109.02b	**I-10 Floodwall & Crossing**	4/8/2010	7/15/2011	$16,427,325.00
Barriere Bros				
The work includes raising the existing elevated embankment highway crossing of the levee and raising the existing levee to the 2011 1% project design elevations / The work includes raising the existing elevated embankment highway crossing of the levee and raising the existing levee to the 100-year design elevation of +16.5 feet. Top of pavement for Interstate 10 to be raised to elevation of +19 feet.				
LPV-11.1	**Pumping Station #3 (Elmwood) Floodwall tie-ins-Phase 1**	9/22/2006	11/9/2007	$1,386,487.54
Progressive Construction				
Interim tie-in to levee / This pump station is situated at the end of an interior drainage canal that approaches the lakefront levee at a significant angle to the shoreline. Because the pump station sits squarely across this canal (perpendicular to the canal centerline) and a short distance landward from the lakeshore, the western end of the station is offset by several hundred feet from the hurricane protection levee alignment, while the east end is also setback, but much less so than on the west side. At present there is a low levee with embedded steel sheet pile (and I-wall) that connects the west end of the pump station's fronting protection to the lakefront hurricane protection levee. Both the levee and the embedded I-wall are legacy elements of the flood protection system that pre-dated the LPVHPP, and do not meet current standards for strength, elevations and stability. On the east side of the station a short section of very tall I-wall extends towards the east providing a transition between the station and the adjacent levee. The extension of this I-wall above the supporting ground (a maximum of 14 feet) does not meet current standards for I-walls, and thus is also deficient. The plan to remedy these deficiencies calls for accelerated construction of additional levees and floodwalls on both sides of the pump station.				
LPV-110	**New Orleans East Levee - Modify CSX Railroad Gate**	4/16/2010	7/27/2011	$3,380,000.32
Garner Services LLC				
Reconstruct gate to 100 yr el. / 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 @ 27.5 ft.				

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LPV-111.01	**New Orleans East, Back Levee - CSX RR to Michoud Canal**	6/29/2009	8/31/2011	$3,116,419.00
Archer Western Alberici / Joint Venture				
396+00 on NOE Levee to GIWW and west to Michoud Canal East . Raise levee to 100 yr section / This reach is approximately 27,984 ft long (5.3 miles) involving raising the existing embankment sections & T-Walls from current elevations of +19 feet to +19.5 feet. 100-year levee design heights finalized at +24 to +27.5 feet and T-Wall design heights finalized at +30.5 to +32 feet. Project includes deep soil mixing and landslide alignment shift with no degradation of levee, raise T-wall at PS #15, and tie-in from levee to IHNC Surge Barrier.				
LPV-111.01a	**New Orleans East, Back Levee - CSX RR to Michoud Canal - Return to Construction Grade (Hired Labor)**	4/2/2014	10/16/2014	
Hired Labor				
LPV-111.01-BS	**New Orleans East Back Levee - CSX RR to Michoud Canal**	12/3/2009	5/12/2011	
Chapel Hill, LLC				
LPV-113	**Citrus Back Levee - Michoud Canal to Michoud Slip to Auth. Elevation**	7/29/2009	9/15/2010	$6,667,596.46
Purnell Construction Co., Inc.				
LPV-115	**Citrus Back Levee - Michoud Slip to IHNC Completed by Hired Labor**	12/21/2006	5/30/2007	
Hired Labor				
LPV-116	**EB IHNC-GIWW/MRGO to Almonaste. Completed by Hired Labor**	12/30/2006	5/31/2007	
Hired Labor				
LPV-117.01	**Eastbank IHNC - Almonaster to Lakefront Floodwall**	5/6/2009	9/21/2009	$2,188,985.80
Progressive Construction				
Restore Hurricane Protection System to the authorized design elevation. / Along the 1600 ft stretch North of Jordan Rd from stations 4+00 to 32+00, 19 new relief wells were installed and 21 existing wells were lowered. A new collector pipe was also placed along this stretch. This remediation method was done to intercept seepage in the underground sand strata.				
LPV-117.02	**IHNC Reach II Emergency Interim Repair**	12/11/2009	4/17/2010	$2,411,865.00
Shavers-Whittle Construction				
Restore Hurricane Protection System to the authorized design elevation. / Along this 900 ft segment of floodwall, a sheetpile cutoff wall was constructed at an elevation of -50 to intercept seepage between stations 46+00 to 55+70.				
LPV-120.01	**Westbank IHNC - Almonaster to Lakefront Floodwall**	2/27/2009	10/9/2009	$4,610,750.00
Cycle Construction Co., LLC				
Restore Hurricane Protection System to the authorized design elevation. / Along this 1800 ft segment of floodwall, north of France Rd from stations 220+00 to 238+00, deep soil mixing was the method used to stabilize the existing floodwall and strengthen the soil on the protected side of the levee/floodwall slope.				
LPV-12a.2	**Pumping Station #4 (Duncan) Breakwater - Phase 2**	8/21/2009	7/23/2010	$7,988,381.50
Boh Bros.				
Constructing concrete breakwater to Elevation +14 feet NAVD88. / Located in Jefferson Parish on the west end of the Lakefront and at the end of the Duncan Canal, the breakwater protection consists of a concrete monolith atop concrete pilings, similar to those constructed at Pump Stations 2 and 3. Pile driving as well as most construction accomplished from barges and floating plant. The structure extends for a length of approximately 300 feet with a top elevation of +14 feet NAVD88. A 200 foot long bridge connects the breakwater to shore. The breakwater constructed to protect the outfall channel and pump station from wave attack.				

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LPV-Lake Pontchartrain and Vicinity

LPV-13.1	**Pump Station #4, Re-Curve I-Wall in Northwest Kenner, tie-ins at Causeway, Bonnabel Blvd., and Williams Blvd.- Phase 1**	5/2/2007	10/15/2007	$1,008,860.00

Bucktown Contractors and Company

Improve stability, harden levee tie-ins / These segments of the HPS consist of existing I-wall and I-wall tie-ins at three separate locations (Re-curved I-wall at Northwest corner of Kenner, gate closure structure at Williams Blvd, and Causeway Blvd Floodwall tie-ins. All these I-wall structures are steel sheet piles topped with reinforced concrete stems. All segments are deficient in elevation, stability and scour protection. This contract (Phase 1) will strengthen and harden these existing segments by providing earthen berms and scour protection pads where needed.

LPV-142	**Interim Measure - South Side of GIWW**	6/10/2007	4/15/2008	$1,152,000.00

Hired Labor

LPV-144	**Chalmette Loop Levee - Bayou Dupre Floodgate**	1/22/2010	9/12/2011	$36,365,000.00

Tetra Tech EC Inc

Construct Floodgate Structure (sector gate) across Bayou Dupre to 100 yr. elevation and construct T-wall tie-ins to LPV 145 and LPV 146 floodwalls. / The work in this 1,911-foot long reach consisted of constructing a cofferdam to a minimum elevation of 7.0 feet (NAVD 88 2004.65), and installing a new sector gate structure located on the flood side of the existing structure built to elevation 31.0 feet for 2057 conditions. The new sector gate is tied into by pile founded T-walls with a sheetpile cutoff wall and scour protection provided at the transition zones. The T-wall transition is tied to the LPV 145 and LPV 146 T-walls built on top of the existing earthen levee system to El. 29. Control houses are constructed on top of both sides of the gate and house two generators, one primary and one backup. The generator building has a minimum floor elevation of 15.5 feet NAVD 88.

LPV-144a	**Decommissioning of Old Sector Gate Across Bayou Dupre**	4/12/2016	12/5/2016	$764,246.75

Quality First Construction, LLC

LPV-145	**Chalmette Loop Levee - Bayou Bienvenue to Bayou Dupre.**	7/14/2009	6/1/2011	$735,000.00

Chalmette Levee Constructors

Construct T-Wall on top of existing levee to 100 yr elevation. / This reach is approximately 30,318 ft long. The work in this reach consists of a new reinforced concrete T-wall supported by steel H-piles to be built on the existing levee. The existing levee was degraded in order to drive H-piles, drive steel sheet pile for seepage cut-off, and placement of a stone pad for concrete footing. The existing earthen levee ranges in elevation 17.0 to 21.0. The floodwall was constructed to elevation 31.5 for future (2057/2060) conditions.

LPV-145a	**Bayou Bienvenue Swing Bridge**	1/10/2014	12/18/2015	$7,391,803.00

Complete Engineering & Construction, Inc

Construct a swing bridge across Bayou Bienvenue / Construct a moveable 135-foot swing bridge across Bayou Bienvenue (LPV 144.01) located in St. Bernard Parish. The project features include earthen approach ramps with a gravel roadway, riprap bank stabilization an LADOTD guardrail system, concrete bridge approach spans, support bents, steel/concrete decking, navigational dolphins with lighting, storage bents, electrical controls, guardrails, etc.

LPV-146	**Chalmette Loop Levee - Bayou Dupre to Hwy 46 Floodwall**	8/6/2009	5/24/2011	$539,732.00

St. Bernard Levee Partners LLC

Construct pile-founded T-wall on top of existing levee to 100 yr elevation and emergency bypass ramp for Highway 46. / This reach is approximately 39,966 ft long. The work in this reach consisted of constructing a new reinforced concrete T-wall supported by steel H-piles built on the existing levee. The existing levee was slightly degraded in order to drive H-piles, drive steel sheet pile for seepage cut-off, and placement of a stone pad for concrete footing. The existing earthen levee ranges in elevation 17.5 to 21.5. The floodwall was constructed to elevation 31.5 for future (2057/2060) conditions. An emergency bypass ramp for Highway 46 was constructed parallel to the highway for evacuation purposes. In addition, 4 earthen ramps and gates were constructed for wildlife passage from the flood to protected side.

LPV-147	**Chalmette Loop Levee - Highway 46 Floodgates**	3/19/2010	4/5/2011	$5,318,281.00

Integrated Pro Services, LLC

Construct floodgates across Hwy. 46 to the 100 yr. elevation / Work in this 511-foot long reach consisted of constructing an overhead trolley gate across Highway 46 with removable beams to 2057 elevation. Gate approaches and a catch basin were also constructed. This reach was constructed to elevation +30.0 feet.

LPV-148.01	**Chalmette Loop Levee - Hwy 46 to River (Verret to Caernarvon) - raise to authorized grade**	10/31/2007	5/14/2009	$41,823,140.00

Odebrecht Construction

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LPV-Lake Pontchartrain and Vicinity

LPV-148.02	**Chalmette Loop Levee - Hwy 46 to River (Verret to Caernarvon)**	2/23/2010	12/13/2011	$272,872.50

Cajun Constructors

Construct T-wall on top of existing levee to 100 yr. elevation and install trolley gate across Bayou Road. / This reach is approximately 43,370 ft long. The work in this reach consisted of constructing a new reinforced concrete T-wall supported by steel H-piles built on the existing levee. The existing levee was slightly degraded in order to drive H-piles, drive steel sheet pile for seepage cut-off, and placement of a stone pad for concrete footing. T-walls to protect St. Mary's Pump Station wiere replaced and the Creedmore Drainage Structure was demolished. The existing earthen levee ranges in elevation 14.5 to 19.0. The floodwall was constructed to elevation 31.5 for future (2057/2060) conditions. Installation of a trolley gate across Bayou Road was also part of this contract.

LPV-148.02A	**Emergency Shelter @ St. Mary's Pump Station**	8/19/2014	5/28/2015	$1,422,804.49

Vinson Enterprises, LLC

LPV-149	**Caernarvon Canal at LA 39/Railroad Replace Floodgates**	6/15/2010	12/20/2011	$46,442,406.00

Conti Federal Services, Inc.

Replace railroad and Hwy 39 floodgates to 100 yr el. Construct new floodwall and sector gate across Caernarvon Canal to 100 yr el. / This reach is approximately 2,889 ft long. The existing floodwall will be abandoned in place and a new T-wall will be constructed to Elevation 24.0 along an offset alignment that crosses the Caernarvon Canal and ties into the Mississippi River levee. New gates for Highway 39 and the Norfolk-Southern railroad will be constructed. The existing floodwall was constructed to Elevation 14.0. The floodwall will be constructed for future (2057/2060) conditions. A sector gate will be constructed across Caernarvon Canal to the 100-year elevation.

LPV-149a	**LPV 149/MRL Tie-in Overtopping Prevention**	9/24/2013	7/9/2014	$2,449,054.83

Keiland Construction, LLC

LPV-149AR	**Access Roads, Caernarvon Floodwall**	10/15/2013	4/14/2014	$687,441.39

APC Construction Co. LLC

Construct permanent access road on protected side of the LPV 149 floodwall. / The work in this 2,889 ft long reach includes construction of a 15-foot wide permanent access road on the protected side of the LPV 149 floodwall to accommodate operation of the Caernarvon Canal sector gate and maintenance of the floodwall system. Road will be constructed using sand, geotextile fabric and limestone. The shoulder of the road will be covered with clay, fertilized and seeded.

LPV-149B	**Caernarvon Sector Gate Repainting**	12/10/2015	4/13/2017	

Work consists of repainting both leaves of the Caernarvon Sector Gate. / Work consists of dewatering the gate bays, jacking both gate leaves off the pintles, sand blasting all sides of both gate leaves, applying a coat of zinc primer and finishing with a top coat application of tar epoxy.

LPV-150	**St. Bernard Parish HSDRRS Access Road Repairs**	2/11/2015	3/25/2015	
LPV-151	**Repair work for St. Bernard Parish Contracts LPV-145, LPV-146, LPV-148.02**	4/17/2014	5/28/2014	

Final work repair for three T-Wall reaches. (IDIQ Contract with Kieland) / Work includes Mowing, Hog Damage Repair, Seed and Mulch and additional aggregate to ramps. Also clearing trees and vegetation in a vegetative free zone.

LPV-153	**Needle Beams for Bayou Dupre (LPV-144) and Caernarvon Sector Gates (LPV-149)**	12/11/2014	5/22/2015	

Design and Fabricate Needle Beams for Dewatering Activities at both Caernarvon and Bayou Dupree Sector Gates. / Needle beams are required for dewatering the Bayou Dupre and Caernarvon Sector gates. These needle beams were not provided in the original contract and therefore need to be provided. This contract will be to design and construct needle beams for the two sector gates. To minimize the cost, some of the needle beams from the Seabrook sector gate will be used and only smaller " end" needle beams will be designed and constructed under this contract.

LPV-154	**St. Bernard Monitoring Plan**	3/5/2015		

The monitoring plan will monitor SIBM and corrosion of a longer period and will either confirm the design assumptions or identify them as incorrect. / The monitoring plan will consist of the installation of strain gauges, corrosion monitors, and piezometers to better define any settlement induced bending and corrosion of the H-piles used to construct the T-walls in St. Bernard Parish.

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LPV-Lake Pontchartrain and Vicinity

LPV-16.2	**Floodwall and Gate at Bonnabel Boat Launch - Phase 2**	12/15/2009	10/15/2010	$3,023,130.00

Cooley Constructors, Inc.

Bring to 100 year level of protection. / This segment of the HPS consists of T-wall, gate monoliths, and I-walls tie-ins to adjacent levee sections at the Bonnebel Boat Launch. The I-wall segements are steel sheet pile topped with reinforced concrete stems. The entire segment is deficient in elevation, stability and scour protection. This contract provides for reconstruction or retrofitting of the entire segment to provide 100 year level of protection.

LPV-17.2	**Bridge abutment and Floodwall Tie-ins at Causeway Bridge - Phase 2**	8/24/2010	2/20/2013	$43,188,190.50

Boh Bros.

Construct to 100-year level of protection. / This segment of the HPS consists of concrete crib wall and I-wall around the south abutments of the Causeway bridges and steel sheet pile wall with reinforced concrete stems which tie-in the crib walls to the adjacent earthern levees. This segment is deficient in elevation. This contract provides for construction of new I-walls to provide protection to the 100 year level of protection.

LPV-18.2	**Floodwall and Gate at Williams Blvd. Boat Launch- Phase 2**	9/10/2009	10/11/2010	$3,329,320.00

Phylway Construction

The Williams Blvd. Floodgate consists of a 60 foot wide roller gate in a concrete structure providing access to a boat launch area and casino via Williams Blvd. / Per the contract, a 60 foot wide roller gate, gate monoliths, gate storage monoliths, and T-walls (which tie-in the gate monoliths to the adjacent earthen levee sections) constructed to an elevation of +16.5 feet NAVD88. The tie-ins are steel sheet piling embedded in concrete slope paving.

LPV-19.2	**Reach 4 Lakefront Levee - Phase 2**	9/3/2009	9/8/2010	$2,619,900.00

Phylway Construction

Levee - Bring to 100 year level of protection. / The Causeway Boulevard Peninsula floodwalls and tie-ins to adjacent levees are approximately 1460 feet in length. These I-walls follow the lakefront bike path underneath the Causeway Bridge. The design elevation for these structures range from 17.5 feet on the east and west sides and drops to 17 feet under the bridge. These walls are deficient in elevation and do not adhere to the new USACE/IPET standards.

LPV-192.02	**Reach 2, Repair and Restoration of Existing Levees and Floodwalls from Lake Front Floodwall to Michoud Canal Floodwall**	2/18/2011	6/17/2011	$3,377,000.00

Hired Labor

Restore Hurricane Protection System to the authorized design elevation. / Within the 2200 ft of levee/floodwall, soil will be placed on the protected side of Reach II, at stations 243+00 to 259+70 and at stations 65+00 to 71+00 to provide stability to the levee/floodwall. Along Reach III at stations 0+00 to 2+00, a concrete slab will be placed with sand-filled concrete boxes adjacent to the floodwall to control deflection of the existing wall.

LPV-192.02bs	**IHNC 01 LFA Restoration Reach II Buttress Slab**	2/18/2011	9/2/2011	$3,377,000.00

Garner Services LLC

Restore Hurricane Protection System to the authorized design elevation. / Along this 2900 ft segment of floodwall, north Jordan Rd from stations 3+08 to 31+00, vertical and battered concrete piles will be driven to an elevation of -40 ft on the protected side of the floodwall. A stabilization slab and a buttress slab will also be placed adjacent to the floodwall to support the piles and serve as erosion protection of the existing floodwall. This remediation method will provide stability to the existing floodwall. At stations 31+00 to 34+31, steel plates will be added to the top of the existing T-Wall to meet HSDRRS elevation criteria.

LPV-192.03	**Reach 3, Repair and Restoration of Existing Levees and Floodwalls from Lake Front Floodwall to IHNC Lock**	2/18/2011	8/2/2011	$2,176,688.48

Blackhawk Ventures, LLC

Restore Hurricane Protection System to the authorized design elevation. / : Along the 2800 ft segment in Reach III, north of France Rd at stations 233+50 to 265+00, 50 new relief wells will be placed and 9 existing relief wells will be lowered to intercept seepage in the underground sand strata. Approximately 1300 ft of new collector pipe will tie into existing collector pipe to collect water and move it to an existing sewer drain. At Reach II, stations 429+00 to 452+00, 12 new relief wells will be placed along the 2300 ft segment to intercept seepage.

LPV-20.1	**Reach 5 Lakefront Levee - Phase 1 & 2**	10/27/2008	10/13/2010	$2,913,900.00

L&S/CKY JOINT VENTURE

Levee- Bring to design elevations. / The majority of this earthen levee reach is at or above the design elevation of +16 feet, but significant sections are below design grade. Most deficient sections are less than 1 foot below design grade, but several short sections are as much as 1.5 feet below design grade. Contract will bring the deficient sections up to design elevations, which is the 100 year level of protection elevation as well.

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LPV-Lake Pontchartrain and Vicinity

LPV-20.2	**Foreshore Protection B - Phase 2**	8/19/2010	12/20/2012	$18,332,595.00

Phylway Construction

LPV-20.2 Reach 3 and 4 Berm Enlargement and Foreshore Protection, Jefferson Parish, LA. / Contract provides wave attenuation / foreshore protection along the floodside of lakefront levee system of Reach 3 and 1800 feet of Reach 4. The wave attenuation berm will extend the existing berm on a 1 on 30 slope to 200' from the centerline of the levee. Foreshore protection will be added on the toe of the berm.

LPV-201	**IHNC - GIWW to Almonaster. Completed by Hired Labor**	12/30/2006	5/31/2007	$100,000.00

Hired Labor

LPV-ARM-01	**LPV System Armoring (St Charles Parish) - 5.2a, 5.2b**	12/15/2014	11/4/2015	$5,940,470.00

Circle Inc.

Project is located on the East Bank in St. Charles Parish, LA. / Levee reach is approximately 4.5 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$6M.

LPV-ARM-02	**LPV System Armoring (NO Lakefront)**	4/17/2015	7/19/2016	$5,798,522.00

B.I.S Services L.L.C

Project is located on the East Bank in Orleans Parish, LA.
Armoring Quantity:
Length: (20,093) Lin Ft
Surface Area: (173,899) Sq Ft / Levee reach is approximately 3.8 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$7.5M.

LPV-ARM-03	**LPV System Armoring (East Jeff 01) 03d.2**	4/17/2015	11/24/2015	$856,660.00

Shavers-Whittle Construction

Project is located on the East Bank in St. Charles Parish, LA.
Armoring Quantity:
Length: (1,581) Lin Ft
Surface Area:(10,000) Sq Yd / Levee reach is approximately 0.3 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$850K.

LPV-ARM-04	**LPV System Armoring (LPV-108)**	7/14/2015	9/6/2017	$19,548,405.00

B.I.S Services L.L.C

Project is located on the East Bank in Orleans, LA. / Levee reach is approximately 6.3 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$19.5M.

LPV-ARM-05	**LPV System Armoring (LPV-109.02a)**	5/30/2017	9/12/2018	

Project is located on the East Bank in Orleans Parish, LA. / Levee reach is approximately 7 miles long. Southeast Louisiana Flood Protection Authority – East (SLFPA-E) will lift the levee prior to armoring. SLFPA-E will pay the Corps of Engineers to design and construct the levee and include it in the armoring contract. The contract will include raising the levee, installing High Performance Turf Reinforcement Mat (HPTRM) and sod.

LPV-ARM-06	**LPV System Armoring (St Charles Parish) - 4.2a, 4.2b**	9/29/2016	5/30/2017	$7,192,637.00

Shavers-Whittle Construction

Project is located on the East Bank in St. Charles Parish, LA. / Levee reach is approximately 2.8 miles long. Pontchartrain Levee District (PLD) will lift the levee prior to armoring. PLD paid the Corps of Engineers to design and construct the levee and include it in the armoring contract. The contract will include raising the levee, installing High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded 28 Sep 16 for ~$7M.

LPV-ARM-07	**LPV System Armoring (East Jeff 02) - 2.2, 19.2, 20.1**	2/22/2017	3/29/2018	

Project is located on the East Bank in Jefferson Parish, LA. / Levee reach is approximately 5.3 miles long. Southeast Louisiana Flood Protection Authority – East (SLFPA-E) will lift the levee prior to armoring. The armoring contract will include installing High Performance Turf Reinforcement Mat (HPTRM) and sod.

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LPV-Lake Pontchartrain and Vicinity

LPV-ARM-08	**LPV System Armoring (East Jeff-01) - 00.2, 1.1**	2/22/2017	12/19/2017	

Project is located on the East Bank in Jefferson Parish, LA. / Levee reach is approximately 3.5 miles long. Southeast Louisiana Flood Protection Authority – East (SLFPA-E) will lift the levee prior to armoring. The armoring contract will include installing High Performance Turf Reinforcement Mat (HPTRM) and sod.

LPV-ARM-09	**LPV System Armoring (111.01) - 111.01**	7/28/2017	12/29/2017	

Project is located on the East Bank in Orleans Parish, LA. / Levee reach is approximately 5.1 miles long. Southeast Louisiana Flood Protection Authority – East (SLFPA-E) will lift the levee prior to armoring. SLFPA-E will pay the Corps of Engineers to design and construct the levee and include it in the armoring contract. The contract will include raising the levee, installing High Performance Turf Reinforcement Mat (HPTRM) and sod.

LPV-DBR-01	**Hurricane Isaac Debris Removal**	9/24/2012	12/15/2012	$4,542,842.00
LPV-EVM-02	**LPV- Environmental Mitigation - Pre-Katrina (Manchac)**	2/16/2012	9/20/2013	$16,033,945.00

Luhr Bros., Inc.

Lake Pontchartrain, Louisiana and Vicinity, Hurricane Protection Project Manchac Wildlife Management Area (MWMA) Shoreline Protection Modification and Marsh Creation / The Manchac Mitigation project is rehabilitating the mitigation project built in 1995 that was intended to fulfill all pre-1994 LPV project mitigation requirements. The proposed work would fill gaps in the original 5 miles of segmented breakwater forming a dike that will be pumped full of dredged material from borrow sources at the bottom of the lake. The project has reduced, but did not eliminate as intended, a 20-foot-per-year loss of shoreline that was occurring under the existing conditions in 1995. The project will create 110 acres of marsh, preserve 1,282 average annual acres of wetlands, and provide 2,511 total AAHUs.

LPV-EVM-02A	**Environmental Mitigation - Pre-Katrina (Manchac) Additional Dredging**	3/26/2015	7/13/2016	$9,221,600.00

Weeks Marine, Inc.

LPV-EVM-03	**LPV-TFG New Orleans East Borrow Environmental Mitigation (Bayou Sauvage)**	4/19/2012	2/10/2015	$782,335.40

Grillot Construction LLC

Environmental Mitigation for LPV - Task Force Guardian borrow site at Bayou Sauvage / The mitigation site consists of approximately 146 acres flow quality bottomland hardwood ridge and forest habitats located adjacent to the Bayou Sauvage National Wildlife Refuge in Orleans Parish. The work consists of clearing invasive tree species with herbicidal treatment (aeriala and ground application), and planting the treated area with desired tree species, placing culverts, ditches, canal clearing, and all operations incidental thereto.

LPV-EVM-04	**Mitigation Bank - BLH Wet/Dry - Costal Zone-(26.30 Credits), BLH Wet/Dry - General (94.70 Credits)**	5/5/2014	6/23/2014	
LPV-EVM-05	**Mitigation Bank - Swamp - Costal Zone-(70.02 & 105.80 Credits), Swamp - General (86.20 Credits)**	5/2/2014	6/13/2014	
LPV-EVM-08	**Milton Island- Intermediate Marsh**	8/19/2015	12/5/2016	$4,115,000.00

Weeks Marine, Inc.

LPV-EVM-10	**Bayou Sauvage and Turtle Bayou**	5/27/2016	12/18/2017	$17,075,900.00

Norfolk Dredging Company (Chesapeake, Virginia)

LPV-EVM-11	**Zydeco Ridge**	11/18/2016	1/15/2018	$13,126,775.00

Crosby Dredging, LLC

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LPV-Lake Pontchartrain and Vicinity

LPV-IHNC-10	**France Road Gate and Road Ramp Inner Harbor Navigational Canal West Side**	3/3/2011	6/15/2012	$2,271,515.50

Shavers-Whittle Construction

Replace rock closure with a gate and ramp to restore vehicle access to France Road. / This segment is approximately 120 feet long. The work under this contract consists of demolition of existing floodwall sections including the removal of existing sheetpile, the excavation of the existing floodwall and roadway embankment, the relocation of an existing water main, and the construction of a new floodwall and steel roller gate. Also included in the scope of work is the construction of a new roadway, including embankment, geotextile fabric, base course, asphalt paving, and installation of guardrails and drain pipes assoiated there with.

LPV-WM-01	**Water Monitoring**	2/20/2017	8/4/2017	

Total # of Contracts:	**118**	**LPV-Lake Pontchartrain and Vicinity**	**Total Award Amount:**	**$1,121,686,226.02**

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NF-Non-Federal Levee

NF-02 **Ceres Caribe**	**Braithwaite to Scarsdale Non-Federal**	6/15/2006	10/1/2007	$14,123,605.00
NF-EVM-01	**NF-Env Mitg - Brathwaite to Scarsdale**	5/14/2018	11/10/2018	

East Bank Breaches, Plaquemines Parish Non-Federal Levees Flood Protection Project: Mitigation at Big Mar / The Braithwaite to Scarsdale mitigation project is being pursued to mitigate for the impacts due to the construction of the Plaquemines Parish non-Federal levee repairs; near Braithwaite, LA; completed after Hurricane Katrina. The proposed action consists of excavating approximately 150,000 CY from a 130 acre area borrow site within Big Mar. The material would be used to create 24 acres of freshwater intermediate marsh in the Braithwaite Levee vicinity. It is anticipated that the marsh creation site would naturally vegetate with suitable marsh vegetation. If the marsh creation site does not naturally vegetate within 3 years of creation then planting of suitable species would occur.

Total # of Contracts:	**2**	**NF-Non-Federal Levee**	**Total Award Amount:**	**$14,123,605.00**

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NOE-New Orleans East

NOE-PE-NOE-09	**PE-NOE-09**	2/3/2006	11/10/2006	

Total # of Contracts:	**1**	**NOE-New Orleans East**	**Total Award Amount:**	

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NOV-New Orleans to Venice, Hurricane Protection				
NOV-02	**Bellevue & East Point a la Hache PS Backflow Prevention**	9/16/2014	5/8/2015	$1,252,970.00
Conquistador Dorado JV				
Installation of butterfly check valves at both Bellevue and East Pointe a la Hache Pump Stations. / East Bank Back Levee Two Pump Structure Backflow Prevention Reach C. (Phoenix to Bohemia).				
NOV-05a	**Upper Reach A, West Bank Back Levee, St. Jude to City Price.**	2/19/2014	4/20/2018	$39,482,450.00
Clark Construction Enterprises, LLC				
Levee enlargement for the back levee / Levee enlargement for the back levee				
NOV-05b	**St. Jude to City Price, Fronting Protection at Diamond Pumping Station, Plaquemines Parish, LA HUBZONE MATOC**	10/16/2012	7/8/2015	$8,162,728.00
Aquaterra-CAYO				
Fronting Protection at Diamond Pump Station / Fronting Protection at Diamond Pump Station				
NOV-06b	**Hayes & Gainard Woods PS Backflow Prevention**	9/23/2015	8/24/2016	$3,556,716.93
APC Construction Co. LLC				
NOV-07b	**West Bank Levee Reach (Fronting Protection Sunrise to Grand Liard Pump Station)**	10/7/2013	1/31/2017	$23,613,324.52
Healtheon				
NOV-08b	**West Bank Back Levee, Duvic Pump Station Fronting Protection, Ft. Jackson to Venice, Plaquemines Parish**	2/14/2013	10/31/2014	$8,364,000.00
Industria Paschen JV				
NOV-13	**Empire Floodgate**	8/6/2014	10/20/2017	$65,794,195.00
Kiewit-Pittman JV				
Construction of a new floodgate for Empire on the back levee. / Dredging a new bypass channel; constructing a new flood gate and supporting structures with associated mechanical and electrical systems; and the demolition of existing systems for the Bank Back Levee, Empire Floodgate, in Plaquemines Parish, Louisiana.				
NOV-14	**Empire Lock**	8/24/2015	6/29/2018	$35,123,841.75
Shavers-Whittle Construction				
NOV-15.01	**West Bank Floodwall Interim Measure Repair Duvic and Grand Liard Pump Stations Constructed by Hired Labor**	8/8/2007	11/17/2007	$3,877,016.00
Hired Labor				
NOV-EVM-01	**Ollie and Diamond Pump Station (Mitigation Bank)**	12/12/2013	1/28/2014	$64,000.00
Coastal Louisiana Resource, LLC				
NOV-P-14A	**NOV Buras Levee District Emergency Levee Repairs-Task Force Guardian.**	2/6/2014	4/3/2015	$3,298,234.60
Pontchartrain Partners, LLC				
Earthen levee repairs - Raise 0.9 miles of MRL levee / Earthen levee repairs - Raise 0.9 miles of MRL levee				
NOV-P-15.02	**Plaquemines - Empire Floodgate Repair**	1/20/2006	4/17/2007	$4,624,000.00
M.R. Pittman Group, LLC.				
NOV-P-17A	**NOV Buras Levee District Emergency Levee Repairs**	11/22/2013	3/23/2015	$11,658,930.00
Hamps Construction				
Earthen levee repairs - Raise 1.75 miles of MRL levee / Earthen levee repairs - Raise 1.75 miles of MRL levee				

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Contract No *Prime Contractor*	Contract Name	Award Contract Date	Estimated Substantial Complete	Original Award Amount
NOV-New Orleans to Venice, Hurricane Protection				
NOV-PE-NOV-P-13	**PE-NOV-P-13**	2/10/2006	7/1/2007	
NOV-PE-NOV-P-14	**PE-NOV-P-14**	1/26/2006	8/12/2007	
NOV-PE-NOV-P-17	**PE-NOV-P-17**	2/3/2006	3/15/2007	
NOV-PE-NOV-P-24	**PE-NOV-P-24**	1/30/2006	7/1/2007	

Total # of Contracts:	17	NOV-New Orleans to Venice, Hurricane Protection	Total Award Amount:	$208,872,406.80

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NOV-NF-W-New Orleans to Venice, Non-Fed. Levees West Bank				
NOV-NF-W-04a	**Westbank Non-Fed Levee, Oakville to LaReussite, Plaquemines Parish**	4/26/2013	10/17/2016	$41,560,092.94
Target Construction				
NOV-NF-W-04a.1	**Oakville to LaReussite T-Wall**	11/16/2016	5/7/2018	$4,747,583.50
Clark Construction Enterprises, LLC				
NOV-NF-W-04b	**Ollie Pump Station Fronting Protection**	9/15/2012	10/8/2014	$11,494,831.00
Aquaterra-CAYO				
NOV-NF-W-05a.1	**LaReussite to Myrtle Grove Levee above Wilkinson Canal PS**	1/23/2019	11/25/2022	
NOV-NF-W-05a.2	**LaReussite to Myrtle Grove Levee below Wilkinson Canal PS**	12/11/2017	5/23/2023	
NOV-NF-W-05b	**Wilkinson Canal Pump Station**	7/16/2013	12/5/2016	$29,537,805.00
Phylway Construction				
Construction of a new pump station / West Bank Non-Federal Levee, LaRuesitte to Myrtle Grove, Wilkinson Pump Station, Plaquemines Parish, Louisiana				
NOV-NF-W-06a.1	**Woodpark to Pointe Celeste Levee**	7/18/2018	5/15/2023	
NOV-NF-W-06a.2	**Pointe Celeste to West Pointe A La Hache Levee**	4/23/2018	4/25/2022	
NOV-NF-W-06a.3	**West Pointe A La Hache to St. Jude Levee**	6/8/2016	4/29/2019	$9,512,825.00
B.I.S Services L.L.C				
NOV-NF-W-06b.1	**T-Wall South of Myrtle Grove**	2/3/2017	7/8/2019	
NOV-NF-W-06b.2	**Pointe Celeste Pump Station Fronting Protection**	1/23/2017	7/13/2018	
NOV-NF-W-06b.3	**West Pointe A La Hache, Gulf South Pipeline and Siphon T-Walls**	8/8/2016	2/26/2018	$12,964,132.00
K-BELLE CONSULTANTS, L.L.C.				
580 LF of floodwall for the WPALH siphons and Gulf South Pipelines. / Fronting protection for the 72" siphons and (8" and 20") Gulf south pipelines. 50-LORR provided. A floodwall to be constructed with sleeves through the wall to accommodate pipelines.				
NOV-NF-W-06b.4	**Pre-Loads at Structures Tie-Ins**	5/28/2015	11/3/2016	$3,209,558.18
Veterans Construction Group JV, LLC.				
NOV-NF-W-06b.5	**Magnolia Pump Station**	9/4/2017	1/8/2019	

Total # of Contracts:	14	OV-NF-W-New Orleans to Venice, Non-Fed. Levees West Bar	Total Award Amount:	$113,026,827.62

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OEB-Orleans East Bank				
OEB-01	**TFG OEB1 17th 700' Brch PH#1**	10/21/2005	1/5/2006	$6,197,900.00
Boh Bros.				
OEB-02	**Lake Pontchartrain - 17th St Canal Floodwall Repair, Phase II**	2/15/2006	9/9/2007	$14,817,225.00
Boh Bros.				
OEB-03	**TFG OEB3 London Ave Cnl Brch Mirabeau**	11/9/2005	1/20/2006	$4,161,375.00
M.R. Pittman Group, LLC.				
OEB-04	**Lake Pontchartrain - London Ave Canal Breach at Mirabeau, Phase II**	2/10/2006	11/26/2006	$12,021,775.00
Odebrecht Construction				
OEB-05	**TFG OEB5 London Ave Cnl @ Robert E Lee**	11/7/2005	3/31/2006	$5,896,600.00
CNG				
OEB-06	**Lake Pontchartrain - London Ave Canal Breach at Robert E Lee, Phase II**	2/24/2006	3/9/2007	$9,781,825.00
James Construction Group				
OEB-07	**TFG OEB7 Scour & Spill Repair NO Lkfrnt**	2/22/2006	6/17/2006	$1,353,977.80
Creek Services, LLC				
OEB-09	**Lake Pontchartrain - Interim Closure Structure at 17th St. Canal**	1/27/2006	4/29/2007	$27,806,500.00
Boh Bros.				
OEB-10	**Lake Pontchartrain - Interim Closure Structure at London Ave Canal**	1/27/2006	7/15/2007	$25,504,250.04
M.R. Pittman Group, LLC.				
OEB-11	**Lake Pontchartrain - Interim Closure Structure at Orleans Ave Canal**	2/3/2006	7/3/2007	$31,454,922.00
Gilbert Southern Group				
OEB-12	**Orleans Ave Canal Seepage Cut-off**	12/22/2006	5/18/2006	$6,280,425.00
B&K Construction Co. LLC.				
OEB-13	**London Ave Canal Seepage Cut-off**	12/22/2006	1/31/2007	$10,994,800.00
Hill Brothers Construction Co.				
OEB-14	**Temporary Pump Installation 07 - 17th St. Canal**	1/31/2007	9/15/2007	$84,961,824.00
Weston Solutions				
OEB-15	**Temporary Pump Installation 07 - London Ave. Canal**	1/31/2007	9/15/2007	$26,808,322.02
Weston Solutions				
OEB-16	**ICS Coating System for Interim Control Structures**	10/2/2008	3/4/2009	$1,972,867.00
Creek Services, LLC				
OEB-17	**Enhancement Work at 17th St, London, and Orleans Ave. Temporary Pump Stations**	1/20/2008	3/16/2009	$5,000,000.00
Weston Solutions				
OEB-18	**Condominium Purchase and Demolition at 17th St Canal**	9/14/2009	4/5/2010	$497,281.12
Garner Services LLC				

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OEB-Orleans East Bank

OEB-19	**ICS Demolition**	10/8/2017	5/10/2018	

Total # of Contracts:	**18**	**OEB-Orleans East Bank**	**Total Award Amount:**	**$275,511,868.98**

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OFC-Outfall Canals

OFC-02	**OFC-02 Outfall Canal Closure - PCCP 02**	5/2/2007	6/16/2007	$1,302,188.15
Progressive Construction				
OFC-03	**Remediation of Floodwalls on the London Avenue Canal**	12/7/2010	6/27/2011	$17,901,628.72
Integrated Pro Services, LLC				
Sheet pile for seepage and embankment added at crown to reduce stick-up. / The work consists of clearing and grubbing, including removal of debris, placing compacted clay embankment fill and other incidental work; providing traffic control; removal and installation of sheet piling to provide seepage cut-off; construction of reinforced concrete caps and tie-in slabs; and other incidental work.				
OFC-04A	**Orleans Ave SWE Remediation**	2/18/2011	6/25/2011	$4,951,126.23
Integrated Pro Services, LLC				
Sheet pile for seepage, embankment added at crown to reduce stick-up, stability berms and Deep Soil Mixing for strengthening the canal walls / The work consists of clearing and grubbing including disposal of debris, placing compacted clay embankment fill, demolition of concrete, placing new concrete pavement, removal and installation of sheet piling to provide seepage cut-off, deep soil mixing for ground improvement, seeding, tree planting, fertilizing and mulching, and other related work.				
OFC-05	**17th Street Canal SWE Remediation - Deep Soil Mixing**	12/9/2010	6/30/2011	$10,247,806.65
Bailey CKY JV				
Grouting for strengthening the canal walls and embankment added at crown to reduce stick-up / The work consists of clearing and grubbing including disposal of debris, placing compacted clay embankment fill, demolition of concrete and asphalt pavements, placing new concrete pavement for bike path and stairs, jet grouting for strengthening the canal walls including disposal of spoils, placing riprap, seeding, fertilizing and mulching, and other related work.				
OFC-06	**Orleans Avenue Outfall Canal SWE Remediation - Earthwork**	12/23/2010	8/17/2011	$405,737.51
Progressive Construction				
Stability berm for strengthening the canal levees / The work consists of placing silt fencing, clearing and grubbing, compacting fill, seed and mulching, placing lime and/or sulfur soil, fertilizing and other incidental work.				
OFC-07	**Remediation of 17th Street and London Avenue Outfall Canals**	2/28/2014	2/16/2015	$13,642,238.50
Conquistador Dorado JV				
OFC-08	**Stability Remediation Outfall Canals**	6/26/2014	3/4/2015	$4,296,516.12
Veterans Construction Group JV, LLC.				

Total # of Contracts:	**7**	**OFC-Outfall Canals**	**Total Award Amount:**	**$52,747,241.88**

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OPS-Orleans Pump Stations				
OPS-01 Crown Roofing	**Orleans Pump Stations - Roofing Repairs**	8/22/2006	4/21/2007	$1,885,279.65
OPS-02 Bollinger Quick Repair	**Orleans Pump Stations - Motor Rewinds Pump Stations #2, #3, #5 and #7**	5/15/2006	3/9/2007	$4,074,713.00
OPS-03 Evans Enterprises	**Orleans Pump Stations - Motors Rewinds Pump Stations #1 and #6**	5/15/2006	8/29/2006	$3,309,179.00
OPS-05 IPS	**Orleans Pump Stations - Horizontal Pump Bearings**	9/20/2006	4/26/2007	$964,640.00
OPS-06A IPS	**Orleans Pump Stations - Bearings - Pump Stations #1, #14, #15, #16, #I-10**	12/1/2006	11/4/2009	$3,224,000.00
OPS-06B IPS	**Orleans Pump Stations - Bearings - Pump Stations #4, #6, #10, #12, #19**	12/1/2006	3/31/2008	$2,963,000.00
OPS-07A Reeves Electrical Service (RES)	**Orleans Pump Stations - Frequency Changers Carrollton Building**	11/22/2006	8/11/2007	$3,416,000.00
OPS-07B Reeves Electrical Service (RES)	**Orleans Pump Stations - Frequency Changers Carrollton Building Rewind 17D Freq Changers.**	11/22/2006	4/1/2008	$3,339,000.00
OPS-08 Healtheon	**Orleans Pump Stations - Electrical - Mechanical Repairs**	6/19/2007	1/11/2008	$3,250,088.25
OPS-09 Creek Services, LLC	**Orleans Pump Stations - Building and Structural Repairs**	10/12/2007	7/3/2008	$1,547,726.10
OPS-10 Garner Services LLC	**Orleans Pump Stations - Discharge Line**	8/1/2007	6/9/2008	$1,853,937.90
OPS-11 Healtheon	**Orleans Pump Stations - Elaine Pump Station Repair**	8/13/2009	10/14/2010	$3,195,039.00
OPS-12 Southern Services & Equipment, Inc.	**PS#5 and PS#20 Electrical Repairs**	1/5/2009	3/13/2009	$24,730.75
OPS-13 Healtheon	**PS#5 and PS#19 Misc Electrical Repairs**	2/12/2009	6/8/2009	$24,997.54
Total # of Contracts:	**14**	**OPS-Orleans Pump Stations**	**Total Award Amount:**	**$33,072,331.19**

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OSP-Orleans Storm Proofing

OSP-01	**Orleans Storm Proofing - 15 MW 60 HZ Generator**	11/18/2009	9/30/2014	$31,186,659.20

DV & Associates

15 MW 60 HZ Generator / Procure and install a new 15 MW 60HZ 4160V Power Generator for the Sewerage and Water Board of New Orleans Carrollton Water Plant Power Complex.

OSP-01a	**Gas Turbine Generator (GTG) Coalescer By-Pass**	1/5/2015	2/1/2016	$148,000.00

OSP-04	**Orleans Storm Proofing - CWT & PP - Old River - New River Storm Proofing**	6/28/2010	6/6/2011	$16,859,584.00

Keiland Construction, LLC

Storm Proofing Measures at Carrollton Water Plant Power Complex, Old River Intake Station, and New River Intake Station / This project constructs storm proofing measures at the Carrollton Power Plant Buildings, Old and New River Intake structures. These storm proofing measures include, but are not limited to, the following: water intrusion protection; roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; and miscellaneous electrical and mechanical equipment storm proofing measures. Project Terminated for Convenience and then broken into 4a and 4b.

OSP-04A	**Orleans Storm Proofing - Old River - New River Intake Structures Storm Proofing**	3/10/2011	12/8/2012	$4,514,456.80

Healtheon

Storm Proofing Measures at Old River Intake Station and New River Intake Station / This project constructs storm proofing measures at Old and New River Intake structures. These storm proofing measures include, but are not limited to, the following: water intrusion protection; roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; and miscellaneous electrical and mechanical equipment storm proofing measures.

OSP-05	**Orleans Storm Proofing - Pump Station No. 5 - Two Pumps with Generator**	4/6/2011	3/31/2014	$24,839,620.00

Cycle Construction Co., LLC

Pump Station No. 5 - Two Pumps with Generator / The existing 25 Hz horizontal pump can not be elevated to the required level because it is a low lift pump. Construction of a flood resistant building that would hydraulically encapsulate the pump would require support piling that would restrict flow within the suction basin. Both of the above eliminate the possible of storm proofing the existing horizontal pump. To help ensure the operability of DPS No. 5 during hurricanes, storms, and high water events, two elevated vertical pumps, at 300 cfs each will be installed. These pumps will be housed in a new elevated structure. A 60 Hz, 3 megawatt generator will be installed to provide back up power. Storm proofing measures for DPS 5 include, but are not limited to, the following: water intrusion protection; roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; installing a water well; and miscellaneous electrical and mechanical equipment storm proofing measures.

OSP-06	**Orleans Storm Proofing - Storm Proofing Three Pump Stations**	7/14/2010	5/17/2013	$10,959,330.90

Benetech, LLC.

DPS 20 with Generator Building, 6 & 3 / This project constructs storm proofing measures at DPS 3, 6, & 20 along with storm proofing the existing generator at DPS 20. These storm proofing measures include, but are not limited to, the following: water intrusion protection; roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; installing a water well; and miscellaneous electrical and mechanical equipment storm proofing measures as shown in Table 2. At DPS 20 the existing generator is housed in a building that is below the Design Flood Level (DFL) and will need to be raised. During final design will include constructing a new building, slab and pile system and then relocate and elevate the generator within the complete new structure. The generator building will be connected to the existing DPS 20 building with a secure covered walkway.

OSP-07	**Orleans Storm Proofing - Storm Proofing One Pump Station**	7/29/2010	4/25/2012	$16,037,955.00

Shavers-Whittle Construction

DPS 7 with Generator / Storm Proofing of DPS-07 consist of : Selective demolition, sitework, TRS. Installation of timber pile and stell pipe pile, waterwell and platform, cast-in-place/pre-cast concrete, misc architectural work, roof systems, reinforcement of existing masonry walls, new 2 story generator bldg, new 30k fuel tank and tank foundation, waterproofing in existing pump bldg basemeent, lead-base paint remediation.

OSP-08	**Orleans Storm Proofing - Storm-Proof at DPS No. 1, 2, 4, 12, 19, & I-10**	12/2/2010	10/1/2013	$8,350,601.85

Benetech, LLC.

DPS 1, 2, 4, 12, 19 & I-10 / This project constructs storm proofing measures at DPS 1, 2, 4, 12, 19, and I-10. These storm proofing measures include, but are not limited to, the following: water intrusion protection; roof and wall reinforcement; strengthening of louvers, doors, shutters and ventilation systems, providing generators and fuel tanks; installation of water wells; and miscellaneous electrical and mechanical equipment.

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OSP-Orleans Storm Proofing

OSP-12	**DPS 12 Generator and Storm Proofing**	9/27/2010	3/12/2012	$16,203,134.40

Southern Services & Equipment, Inc.

DPS 12 Generator and Storm Proofing / Storm Proofing of DPS-12 consist of Selective demolition, sitework, installation of timber pile and pre-cast concrete pile, waterwell and platform (optional(. Work also includes misc architectural work, roof systems, reinforcing of existing CMU walls, new generator bldg with 2 ea new 3500kW genset and 1 ea 400kW house gen, new 30K gallon fuel tanks w/ foundations and lead-base paint remediation.

Total # of Contracts:	**9**	**OSP-Orleans Storm Proofing**	**Total Award Amount:**	**$129,099,342.15**

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PCCP-Permanent Canal Closure and Pump Stations

PCCP-01	**Outfall Canal Closures**	4/13/2011	9/29/2017	$629,500,000.00

PCCP Constructors

Permanent Canal Closures and Pumps, 17th Street, Orleans Ave and London Ave Outfall Canals. / "Construct permanent canal closures and pump stations at the mouths of 17th Street, Orleans Avenue, and London Avenue canals to operate concurrently or in series with existing Drainage Pumping Stations".

Total # of Contracts:	**1**	**PCCP-Permanent Canal Closure and Pump Stations**	**Total Award Amount:**	**$629,500,000.00**

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PPS-Plaquemines Parish Pump Stations				
PPS-01A **Healtheon**	**Plaquemines Pump Stations - Hayes, Epalh, Bellevue, Scarsdale**	6/19/2008	12/14/2009	$7,998,173.55
PPS-01B **Healtheon**	**Plaquemines Pump Stations - Gainard Woods 2 and Sunrise 2**	8/26/2008	9/18/2009	$2,648,660.33
PPS-01C **DV & Associates**	**Plaquemines Pump Stations - Diamond and Wpalh**	12/17/2008	7/22/2009	$1,989,755.35
PPS-01D **Healtheon**	**Plaquemines Pump Stations - Belle Chasse 1+2, Ollie, Grand Deliard, Duvic**	12/19/2008	9/18/2009	$1,646,816.69
PPS-02 **Reeves Electrical Service (RES)**	**Plaquemines Pump Stations - Electric Services**	8/25/2006	1/2/2007	$701,591.00
Total # of Contracts:	**5**	**PPS-Plaquemines Parish Pump Stations**	**Total Award Amount:**	**$14,984,996.92**

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SBPS-Saint Bernard Pump Stations				
SBPS-01	**Saint Bernard Pump Stations - Design Build Contract Rebuild Pump Station #2, #3, and #5**	5/17/2007	12/12/2008	$17,989,958.00
CDM				
SBPS-02	**Saint Bernard Pump Stations - Electric/Mechanical and Misc Repairs**	1/25/2007	9/20/2008	$786,702.52
Healtheon				
SBPS-03	**Saint Bernard Pump Stations - Generators for Pump Station #1 and #4**	7/27/2006	9/5/2006	$67,542.00
Reeves Electrical Service (RES)				
SBPS-04	**Saint Bernard Pump Stations - Gate Package**	9/28/2006	2/16/2007	$476,509.49
Southern Services & Equipment, Inc.				
SBPS-05	**Saint Bernard Pump Stations - Roofing Repairs**	4/14/2006	6/30/2006	$80,500.00
Crown Roofing				
SBPS-06	**Saint Bernard Pump Stations - Rehabilitation of Pump Station #8 (St. Mary). Lake Borgne Levee District.**	11/24/2010	4/30/2011	$323,368.20
Healtheon				
Repair the Gearboxes at PS #8 (St. Mary) / Repair the three Right Angle Gearboxes and assembly alignment at the LBBLD St. Mary Pump Station (PS #8).				
SBPS-07	**St. Bernard Pump Stations 2 & 3 Repairs**	6/27/2014	6/30/2016	$9,359,797.50
Cayo, LLC				

Total # of Contracts:	7	SBPS-Saint Bernard Pump Stations	Total Award Amount:	$29,084,377.71

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SCADA-Supervisory Control and Data Acquisition

SCADA-01 **Prime Controls**	**SCADA system for 17th Street, London and Orleans Avenue Canals**	4/19/2006	6/15/2007	$5,429,460.00

Total # of Contracts:	**1**	**SCADA-Supervisory Control and Data Acquisition**	**Total Award Amount:**	**$5,429,460.00**

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-01	**Soniat Canal - Veterans to Canal #3 & gap below Veterans**	11/16/2006	11/3/2009	$23,989,042.00

B&K Construction Co. LLC.

Concrete U-Frame box structure and a modification for reconstruction of manholes and gravity sewer video (J-36) / This contract involves constructing a concrete U-frame that will tie into an existing U-frame and box culvert at Veterans Memorial Boulevard. Canal No. 3 work takes place at its intersection with the Soniat Canal and consists of constructing a concrete U-frame with slope paving and concrete trapezoidal canal sections. Construction in the gap below Veterans involves two concrete U-frame monoliths north of the intersection of Canal No. 4 and Soniat Canal.
Also addressed by this contract is the reconstruction of four manholes that were removed during the construction of a concrete U-frame flume in the Soniat Canal. A sewer line in the vicinity of the construction project will also be videoed for damage.

SELA-01A	**Soniat Canal - West Napoleon to Lynette**	9/15/2009	10/21/2011	$10,727,620.31

Bucktown Contractors and Company

Soil founded trapazoidal flume and transitional monoliths with tie-ins to the existing canal (J-6) / Contract is for the construction of approximately 860 feet of soil-founded trapezoidal flume and transitional monoliths between Lynette Drive and West Napoleon Avenue that will be tied into existing canal improvements.

SELA-02	**Westwego Pump Station Diesel Engine**	12/18/2006	4/10/2009	$1,485,421.00

Reeves Electrical Service (RES)

Remove electric motor and associated components and replace with a new turbocharged diesel engine (J-47) / The contract involves removing an existing 4160-V electric motor, switch gear, and associated electrical components powering pump number 3 and replacing them with a turbocharged diesel engine. The diesel engine is sized to provide the required horsepower under all operational conditions on a continuous rating of 1,200 rpm. The pump station will have a residential type exhaust silencer, three new diesel fuel storage day tanks with associated piping and controls, and will involve the re-piping of three existing day tanks for waste oil storage; elevating the diesel fuel transfer pumps; replacing the existing metal siding with a new engine exhaust louver and extending the existing elevated walkway over the new engine location.

SELA-03	**Westminster/Lincolnshire Pump Station Backup Generator**	12/29/2006	9/23/2008	$8,852,925.00

Allen Wright Enterprises / Hamps Construction

Backup generator and building for existing electric pumps
(J-46 & J-48) / The contract involves constructing a new pile-founded generator building, fuel storage area, and walkway, along with associated miscellaneous electrical and mechanical items. The building will house an electrical generator and overhead crane. The generator will supply emergency standby power to the adjacent Westminster/Lincolnshire pump station. The scope of work also involves the installation of a permanent water well to provide backup cooling water to the pump gearbox and bearings in the event of a city water supply failure. The water well pump will be located in an elevated pump house to minimize loss of use during a flood event. The pump will operate under normal and emergency power conditions. The well water supply pipe will be tied into the existing potable water supply located inside the pumping station. Measures to prevent backflow into the water supply line will be provided as required.

SELA-04	**Elmwood Canal Bridge @ Kawanee**	1/30/2007	12/31/2008	$5,839,665.00

Allen Wright Enterprises / Hamps Construction

New (2-lane) bridge structure on Kawanee Street over canal (J-33) / This contract involves replacement of the Kawanee Street Bridge with a new pile-founded concrete bridge structure and the installation of canal slope pavement that will tie into the existing Elmwood Canal improvements.

SELA-04A	**Elmwood Canal Bridge @ W. Esplanade**	2/26/2007	10/19/2010	$13,075,332.00

Shavers-Whittle Construction

New (2-lane) bridge structure on W. Esplanade Ave over canal (J-30) / This contract involves replacement of the West Esplanade Avenue Bridge with a new pile-founded concrete bridge structure and slope paving that will tie into existing Elmwood Canal improvements. The contract also includes the construction of concrete box culverts and flume monoliths.

SELA-05	**Grand Cross Canal @ Lapalco**	6/18/2007	7/13/2009	$8,656,935.00

Cycle Construction Co., LLC

Additional box culverts under Lapalco Blvd with flume monoliths and slope paving (J-35) / This contract involves constructing two new 10x12 foot box culverts to supplement two existing 7x10 foot box culverts, several flume monoliths, and the installation of slope pavement for the Grand Cross Canal beneath Lapalco Boulevard.

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-06	**Gardere Canal - Phase 2**	1/12/2007	6/24/2010	$31,350,305.00

B&K Construction Co. LLC.

Sheet pile walls, concrete U channel sections and slope paving with slab bottom channel sections (J-23) / This contract involves constructing 5,250 feet of sheet pile walls with concrete slab bottom channel sections; 1,105 feet of concrete U channel section; and 325 feet of slope paving with concrete slab bottom. The scope of construction also includes aerial pipe crossings, drainage line modifications, canal excavation and backfill, structure and timber pile removal, and other incidental work.

SELA-07	**Pump to the River Disc. Tubes (750' Segment)**	8/14/2007	11/21/2008	$8,445,577.13

Babcock Construction

A 750 ft. segment of three 84 inch discharge tubes about midway along the planned piping alignment is complete. (J-50) / This contract involved the installation of a 750 ft. segment of three parallel 84-inch diameter steel discharge pipes along Hickory Avenue about midway along the pump to the river piping alignment between the planned Harahan Pumping Station and The Mississippi River. The pipes were buried a minimum of 5 feet below grade and are part of a conveyance system that transfer storm water to the Mississippi River.

SELA-07A	**Harahan Pump to the River North Discharge Tubes**	4/10/2013	9/23/2016	$10,702,665.13

Eutaw Construction Inc.

Segment of the discharge piping from the pump station to completed portion of SELA 07. / Contract involves construction of the remaining segments of the three parallel 84 inch diameter steel discharge pipes from sta 171+00 to 154+11, which was completed under the SELA 07 contract. This effort will complete the discharge pipe installation from the planned pumping station near Dickory Avenue and Mounes Street to the completed section. The pipes will be buried a minimum of 5 feet below grade and are part of a conveyance system that will eventually transfer storm water to the Mississippi River.

SELA-07B	**Harahan Pump to the River South Discharge Tubes**	6/21/2013	8/8/2017	$23,800,500.00

Conti Enterprises, Inc.

Segment of discharge piping from the completed portion of SELA 07 to Jefferson Highway / This contract involves construction of the remaining segments of the three paralled 84 inch diameter steel discharge pipes from the completed portion of the pipe at Sta 147+25 to Jefferson Hwy at Sta 103+00. The pipes will be burried a minimum of 5 feet below grade and are part of a conveyance system that will eventually transfer storm water to the Mississippi River.

SELA-07C	**Harahan Pump to the River Discharge Structure**	3/4/2013	11/3/2016	$24,370,629.00

B&K Construction Co. LLC.

Segment of discharge piping from Jefferson Hwy to the discharge structure on the Mississippi River. / This contract involves construction of the remaining segment of the three parallel 84 inch diameter steel discharge pipes from Sta 103+00 to Sta 82+29, or the discharge basin. The levee crossing the discharge pipes will enter a 31x9 foot reinforced concrete box culvert that will cross over the Mississippi River levee above the project flow line including freeboard. There will be a 34x70 foot rip rap blanket placed at th rivers edge.

SELA-08	**Soniat Canal - Lynette to Lester**	4/18/2011	5/5/2014	$26,736,831.30

Bucktown Contractors and Company

Modified concrete trapezoidal flume section / Construction of modified concrete trapezoidal flume section from the Lynette Drive bridge to Lester Avenue.

SELA-08A	**Soniat Canal - Lester to W. Metairie**	11/22/2013	1/16/2016	$5,055,393.00

Shavers-Whittle Construction

Modified concrete trapezoidal flume section. / Construction of modified concrete trapezoidal flume section from Lester Ave to the West Metairie Avenue bridge. The West Metairie Avenue bridge will be removed and replaced.

SELA-09	**Harahan Pump to the River Pump Station**	9/21/2011	7/15/2016	$29,391,080.00

M.R. Pittman Group, LLC.

A new 1,200 cfs pumping station to be constructed near Dickory Avenue and Mounes Street. / This contract involves construction of a new 1,200 cfs pump station near the intersection of Dickory Ave and Mounes Street. The pump station will pump water from the southern end of the Soniat Canal to the Misissippi River via three 84 inch diameter steel discharge pipes.

SELA-09A	**Harahan Pump to the River Intake, Jefferson Parish**	9/19/2013	1/16/2017	$10,696,914.11

Veterans Construction Group JV, LLC.

A new intake canal from Soniat Canal and Mazoue Ditch to the transition canal into the pump station. / The proposed suction canal will consist of a double barell concrete box culvert, which will direct flow from the junction of the Mazque Ditch, Harahan Ditch, and the Soniat Canal to the new pump station. Relocations will be necessary at the Harahan playground in order to construct the suction canal and structures.

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-10	**Mayronne Canal**	8/29/2011	7/18/2013	$3,345,580.00

Fleming Construction Company, LLC.

Reinforced concrete canal side slopes and canal bottom and earthen canal enlargement / Construction of 450 feet of concrete canal side slopes and canal bottom and the enlargement of a 2,400 feet section of the trapazoidal earthen canal.

SELA-11	**Cousins Canal - Phase 2**	9/27/2007	10/7/2009	$8,997,485.00

Bucktown Contractors and Company

Concrete flume and transitional structure
(J-41) / This contract involves constructing 1,350 feet of 10x30 feet concrete flume and transition structure to the Woodmere Canal.

SELA-12	**Two Mile Canal Phase 2**	3/7/2011	8/5/2014	$19,806,576.50

Bucktown Contractors and Company

Concrete flume and transitional structure / Construction of two concrete flumes including a 38 foot wide flume that will be approximately 1,750 feet in length and 28 foot wide by 820 foot long section. There will also be a concrete transitional sturcture built into the Mimoza Canal.

SELA-13	**Justice and Oil Company Canals**	6/21/2011	10/3/2014	$13,642,183.20

Merrick Construction Co.

Enlarged earthen canal and concrete lined trapazoidal section / The enlargement of 4,200 feet of trapazoidal earthen canal sections on Justice Canal as well as a concrete lined trapazoidal section constructed in an additional 4,200 feet of the canal. Work along the Oi Company Canal consists of constructing 700 feet of enlarged trapazoidal earthen canal sections.

SELA-14	**Industry Canal**	7/5/2012	8/31/2016	$18,642,772.00

Fleming Construction Company, LLC.

Replacement of three concrete culverts / The replacement of three concrete culverts with a 42 foot wide by 12 foot deep concrete flume. The flume will be approximately 3,200 feet long. The walls will be 18 inches thick and will be supported by a 24 inch thick base slab. Construction of the flume will require the installation of a braced sheeet pile cofferdam.

SELA-15	**Trapp Canal**	9/4/2012	1/9/2017	$14,680,647.00

Hamps Construction

Canal widening and concrete slope paving / Work involves the widening of the trapazoidal canal section and the addition of concrete slope paving to the canal from the upper slope to the low water line. Rip rap will be placed along the llower slopes of the canal. The bottom width of the structure will vary from 60 to 70 feet and the length will be approximately 7,400 feet. The slope paving will consist of a 7 inch thick reinforced concrete with 2 foot by 9 inch upper and lower keys. The rip rap will be 12 inches thick with a lower key at the channel invert.

SELA-16	**Gardere Canal Phase III and Murphy Canal Phase I, Jefferson Parish (West Bank)**	9/26/2012	8/10/2016	$22,356,174.00

Conquistador Dorado JV

Canal widening and concrete slope paving / The work involves the widening of the trapazoidal canal section and the addition of concrete slope paving to the upper slopes of the canal section down to the low water elevation. Rip rap will be placed on the lower slope of the canal section. The bottom width of the canal will be 30 feet and the length of the project will be approximately 11,200 feet. The slope paving will consist of a 7 inch thick reinforced concrete with 2 foot by 9 inch upper and lower keys. The rip rap will be 12 inches thick with a lower key at the channel invert.

SELA-16A	**Murphy Canal - South**	9/26/2013	5/19/2015	$4,431,578.46

National Services, Inc.

Canal widening and concrete slope paving. / The work involves the widening of the trapezoidal canal section and the addition of concrete slope paving to the upper slopes of the canal section down to the low water elevation. Rip rap will be placed on the lower slope of the canal section. The bottom width of the canal will be 30 feet and the length of the project will be approximately 3,200 feet. The slope paving will consist of a 7 inch thick reinforced concrete with 2 foot by 9 inch upper and lower keys. The rip rap will be 12 inches thick with a lower key at the channel invert.

SELA-18	**Dwyer Road PS Intake Culvert**	8/27/2008	10/31/2013	$58,826,055.00

Hill Brothers Construction Co.

Construct concrete intake box culvert (O-11) / This contract involves constructing 6,800 feet of a 14x12 foot concrete box culvert under Dwyer Road connecting the St. Charles Canal to the Dwyer Pump Station. The pump station will discharge into the Inner Harbor Navigation Canal.

SELA-19	**Florida Avenue - Phase 1**	1/29/2010	8/17/2013	$49,172,847.85

B&K Construction Co. LLC.

Major canal improvement with pile founded concrete flume (O-15) / This contract involves removing the existing drainage path paralleling Florida Avenue and the construction of 1,300 feet of 43.5 x15 foot pile-founded concrete flume in the Florida Avenue Canal. Phase 1 of the canal begins at Drainage Pump Station Number 19 and continues to Mazant Street. The water will be pumped to the Inner Harbor Navigation Canal via Pump Station 19.

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-20	**Florida Avenue - Phase 2 and Phase 3**	8/21/2014	10/30/2020	$116,956,672.00

Boh Bros.

Major canal improvement with pile founded concrete flume (O-16) / This contract involves removing the existing Florida Avenue Canal paralleling Florida Avenue and the construction of 4,500 feet of either 43.5x15 foot pile-founded concrete flume or concrete culvert, tying into Phase 1 construction at Mazant Street continuing to St. Ferdinand Street. The scope also includes the construction of 950 feet of lateral drainage culvert under Desire Street from the new Florida Avenue culvert to existing drainage at North Dorgenois Street and 600 linear feet of lateral drainage culvert under Montegut Street from the new Florida Avenue flume to existing drainage at Law St. Work also includes associated drainage work and utility (water, sewer, S&WB electrical) as required for construction of the flume/covered canals.

SELA-21	**Uptown Jeff Avenue - Phase 1 - Claiborne to Dryades**	7/24/2013	9/26/2019	$52,001,667.00

B&K Construction Co. LLC.

Contract consists of constructing 4,400 linear feet of two reinforced concrete culverts along Jeffeeson Avenue. / The work consists of constructing approximately 4,400 linear feet of two reinforced concrete culverts (useable areas of 14 by 10 ft and 14 by 8 ft) under the median along Jefferson Avenue, from South Claiborne Avenue to Dryades Street. The new culvert will tie in to the existing culvert at South Claiborne Avenue designed and built under SELA authority and the culvert to be constructed under the Uptown, Jefferson Avenue Phase 2 contract at Dryades Street.

SELA-22	**Uptown Jeff Avenue - Phase 2 - Dryades to Constance**	1/3/2013	10/27/2016	$44,844,301.40

Cajun Constructors

Consists of 3,700 LF of reinforced concrete culvert under median along Jefferson Avenue and 1300 LF reinforced concrete along Prytania Street. / The work consists of constructing approximately 3,600 linear feet of reinforced concrete culvert (useable area of 14 by 8 ft) under the median along Jefferson Avenue, from Dryades Street to Constance Street. The new culvert will tie in to the culvert to be constructed under the Jefferson Avenue, Phase 1 contract at Dryades Street and the existing box culvert at Constance Street. The work also consists of constructing two single-barreled concrete culverts (useable area of 6 by 8 ft) under Prytania Street from Nashville Avenue to Jefferson Avenue. The Prytania Street culvert ties in to the existing Nashville Avenue box culvert and the Jefferson Avenue culvert constructed under this contract

SELA-23	**Uptown Napoleon Avenue - Phase 2 - Claiborne to Carondelet**	9/14/2011	5/31/2016	$54,164,916.95

Boh Bros.

Consists of 4,300 linear feet of three single-barreled, pile-founded concrete box culverts under median along Napoleon Avenue. / The work consists of constructing approximately 4,300 linear feet of three single-barreled, pile-founded concrete box culverts (useable areas of 28 by 10 ft, 24 by 10 ft, and 18 by 10 ft) under the median along Napoleon Avenue, from South Claiborne Avenue to Carondelet Street. The new culverts will parallel an existing box culvert and will tie in to the existing culvert at South Claiborne Avenue designed and built under SELA authority and the culvert to be constructed under the Uptown, Napoleon Avenue Phase 2 contract at Carondelet Street.

SELA-23A	**Uptown Napoleon Avenue - Phase 3 - Carondelet to Constance**	9/26/2013	6/25/2018	$38,099,975.85

Boh Bros.

Consists of constructing 2,800 linear feet of two single-berrreled concrete box culverts under the median along Napoleon Avenue. / The work consists of constructing approximately 2,800 linear feet of two single-barreled concrete box culverts (useable areas of 18 by 10 ft and 14 by 8 ft) under the median along Napoleon Avenue, from Carondelet Street to Constance Street. The new culverts will parallel an existing box culvert and will tie in to the culvert to be constructed under the Napoleon Avenue Phase 1 contract at Carondelet Street and the existing box culvert at Constance Street.

SELA-24A	**Uptown South Claiborne - Phase 1 - Monticello to Leonidas**	9/30/2011	2/28/2017	$25,971,714.50

Cajun Constructors

Consists of 2,500 linear feet of single- barreled reinforced concrete culvert under the median along South Claiborne Avenue. / The work consists of constructing approximately 2,500 linear feet of single-barreled reinforced concrete culvert (useable area of 18.5 by 10 ft) under the median along South Claiborne Avenue, from Monticello Avenue to Leonidas Street. The new culvert will parallel an existing culvert and tie in to the existing Monticello Canal and the culvert to be constructed under the Uptown, South Claiborne Avenue Phase 2 contract at Leonidas Street.

SELA-24B	**Uptown South Claiborne - Phase 2 - Leonidas to Lowerline**	6/20/2012	9/22/2016	$27,819,713.00

B&K Construction Co. LLC.

Consists of 3,500 linear feet of single-barreled reinforced concrete culvert under the median along South Claiborne Avenue. / The work consists of constructing approximately 3,500 linear feet of single-barreled reinforced concrete culvert (usable area of 15.5 by 10 ft) under the median along South Claiborne Avenue, from Leonidas Street to Lowerline Street. The new culvert will parallel an existing culvert and tie in to the existing South Claiborne Avenue box culvert and the culvert to be constructed under the Uptown, South Claiborne Avenue Phase 1 contract at Leonidas Street.

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-26	**Widening of Florida Avenue Canal - Phase 4**	9/23/2014	6/16/2021	$147,489,050.00

Renda/JBros. JV

Major canal improvement with pile founded concrete flume / The work involves the removal of existing drainage and the construction of approximately 900 linear feet of 50 x 15 feet of pile founded concrete flume to tie into the Florida Ave. Canal Phase 3 at St. Ferdinand Street continuing on to Pumping Station D. The work also involves the construction of 500 linear feet of 15 x 25 foot pile founded box culvert and a 125 foot transition flume in the Peoples Canal. The flume will transition from a usable area of 20 x 9 feet to 15 x 4 feet at the intersection with the existing flume. Also included is the construction of three identical lateral drainage culverts each approximatley 900 feet in length under Deers, Eads and Painter Streets; the construction of three identical lateral drainage culverts each approximately 1,100 feet in length under Benefit, Treasure and Abundance Streets; and the construction of approximately 350 linear feet of concrete pipe under Eads Street from 175 feet north to 175 feet south of Abundance Street.

SELA-27	**Uptown Louisiana Avenue - Claiborne to Constance**	3/13/2014	11/18/2019	$76,267,513.10

Boh Bros.

Contract consists of constructing 7,300 linear feet of three single-barreled reinforced culverts along Louisiana Avenue. / The work consists of constructing approximately 7,300 linear feet of three single-barreled reinforced concrete culverts (useable area of 14 by 8 ft, 10 by 8 ft, and 8 by 6 ft) under the median along Louisiana Avenue, from South Claiborne Avenue to Constance Street. The new culvert will tie in to the existing culvert at South Claiborne Avenue designed and built under SELA authority and the existing box culvert at Constance Street.

SELA-28	**Green Space Restoration - Napoleon / Claiborne**	5/10/2010	3/8/2021	
SELA-28.1	**Green Space Restoration - SELA-18 - Dwyer Road PS Intake Culvert**	12/5/2016	4/28/2017	
SELA-28.2a	**Green Space Restoration - SELA-21 - Uptown Jeff Avenue - Phase 1 - Claiborne to Dryades**	10/20/2019	12/17/2019	
SELA-28.2b	**Green Space Restoration - SELA-22 - Uptown Jeff Avenue - Phase 2 - Dryades to Constance**	10/20/2019	12/17/2019	
SELA-28.3a	**Green Space Restoration - SELA-23 - Uptown Napoleon Avenue - Phase 2 - Claiborne to Carondelet**	10/20/2018	1/16/2019	
SELA-28.3b	**Green Space Restoration - SELA-23a - Uptown Napoleon Avenue - Phase 3 - Carondelet to Constance**	10/20/2018	1/16/2019	
SELA-28.4a	**Green Space Restoration - SELA-24a - Uptown South Claiborne - Phase 1 - Monticello to Leonidas**	10/20/2018	12/17/2018	
SELA-28.4b	**Green Space Restoration - SELA-24b - Uptown South Claiborne - Phase 2 - Leonidas to Lowerline**	10/20/2018	12/17/2018	
SELA-28.5	**Green Space Restoration - SELA-27 - Uptown Louisiana Avenue - Claiborne to Constance**	10/20/2018	12/17/2018	
SELA-OG-1	**Soniat Canal - West Napoleon to Veterans**	7/25/2000	9/30/2006	$14,426,258.00

C.R. Pittman

Concrete U-frame flume and sewer force main relocation (J-9) / This contract involves constructing 2,800 feet of concrete U-frame flume, the relocation of a sewer force main and canal embankment grading and seeding. The project was declared complete and fully functional on September 30, 2006.

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SELA-Southeast Louisiana Urban Flood Reduction Project

SELA-OG-3	**Dwyer Road Pump Station Improvements**	9/20/2000	11/15/2010	$13,617,730.00
C.R. Pittman				

New pump station with a pumping capacity of 1000 cfs (O-5) / This contract involves constructing a new pump station that will provide an additional 875 cubic feet per second (cfs) of pumping capacity bringing the total station capacity to 1000 cfs. The new pump station is located at the intersection of Dwyer and Jourdan Roads.

Total # of Contracts:	**46**	**SELA-Southeast Louisiana Urban Flood Reduction Project**	**Total Award Amount:**	**$1,068,738,245.79**

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SP-Storm Proofing

SP-PE-SP-PSG-01	**Prior Expenditures PS#6 Emergency Generator**	10/31/2006	5/30/2007	

Total # of Contracts:	**1**	**SP-Storm Proofing**	**Total Award Amount:**	

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WBV-West Bank and Vicinity

WBV-01	**Contract 1, Sectorgate to Boomtown Floodwall**	2/1/2008	5/11/2010	$132,126,473.40

Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves the construction of approximately 7,860 linear feet of pile founded concrete floodwall from the Harvey Sector Gate southward along the east bank of Harvey Canal. The floodwall alignment will generally follow Peter's Road in Jefferson Parish. Industries located on the unprotected side of the floodwall will have access gates installed through the flood protection barrier.

WBV-02a	**Contract 2a, Boomtown Floodwalls**	7/17/2008	6/17/2010	$48,454,217.04

Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves constructing approximately 4,340 feet of pile founded concrete floodwalls to the authorized level of protection in the vicinity of Boomtown.

WBV-02b	**Contract 2b, Boomtown to Hero Pump Station Floodwalls**	3/26/2007	8/28/2008	$56,098,659.41

Cajun Constructors

Construct floodwalls to level of protection provided by engineering division. / This contract involves the construction of approximately 7,800 linear feet of pile founded concrete floodwall beginning at the terminus of Contract 1 southward along the east bank of Harvey Canal to the Hero Pumping Station. The floodwall alignment will generally follow the west side of Peter's Road in Jefferson Parish. Industries located on the unprotected side of the floodwall will have access gates installed through the flood protection barrier.

WBV-03a	**Contract 3a, Hero PS to Algiers Canal Floodwall**	7/11/2008	6/8/2011	$62,281,391.25

Boh Bros.

Construct floodwalls to level of protection provided by engineering division. Includes Hero PS fronting protection, modifications, and floodwall tie-ins. / This contract involves the construction of approximately 2,600 linear feet of pile founded concrete floodwall and 4,100 linear feet of earthen levee from the Hero Pumping Station southward along the east bank of Harvey Canal. The alignment will generally follow a specified setback from the Harvey Canal bank line and will tie-in to the existing Algiers Canal flood protection barrier in Plaquemines Parish. Most of the industries along this alignment will be located on the protected side of the flood barrier. Gates and ramps will be built through and over the flood protection barrier as necessary. Other construction activities include the placement of rip-rap foreshore protection at the pump station and replacement of the Hero Pump Station air suppression system.

WBV-03b	**Contract 3b, Hero PS to Algiers Canal Floodwall**	12/8/2008	7/15/2010	$32,010,875.25

Shavers-Whittle Construction

Construct floodwalls to level of protection provided by Engineering Division. Includes floodwall and levee. / This contract involves raising the elevation of approximately 2,600 linear feet of floodwall and 4,100 linear feet of earthen levee, constructed during Contract 3a along the east bank of Harvey Canal to the 100-year level of protection. The levee runs from the Hero Pumping Station southward towards the Algiers Canal in Plaquemines Parish.

WBV-04.2	**Belle Chasse Hwy to Hero Cutoff-Reach1-Phase 2**	9/30/2010	1/12/2012	$4,208,806.39

DQSI

Construct floodgates and tie-ins to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The gates provide access at C&C Marine (85-ft roller), Versabar (60-ft roller), and Universal Services 30-ft swing).

WBV-05.2	**Belle Chasse Hwy to Hero Cutoff-Reach 2 - Phase 2**	9/30/2010	12/9/2011	$3,937,758.09

DQSI

Construct floodgates and tie-ins to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The gates provide access at C&C Boat Works (60-ft roller), Point 8 Power (60-ft roller), and C.F. Bean 30-ft swing).

WBV-06.2	**Belle Chasse Hwy to Hero Cutoff-Reach 3 & 4-Phase 2**	12/14/2010	5/28/2013	$21,727,500.00

Conti Federal Services, Inc.

Construct floodgates, levee, floodwalls, and tie-ins near Belle Chasse Tunnel to the detention-basin elevation to support the enhanced WBV-project. / This contract involves constructing flood control vehicular access gates in the 100-Year levee alignment along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish. The 4.7 miles will be divided into 3 parts for 3 contract awards. (04.2 Reach 1, 05.2 Reach 2, and 06.2 Reaches 3&4).

WBV-06.2a	**Belle Chasse Hwy to Hero Cutoff (West) - Roadway Joint & Wing wall Repairs**	12/5/2016	2/27/2017	

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WBV-West Bank and Vicinity

WBV-06a.1	**Belle Chasse Hwy to Hero Cutoff (West)**	1/4/2008	1/26/2010	$9,617,875.00

Merrick Construction Co.

Raise levees to authorized level of protection. / This contract involves the construction of approximately 4.7 miles of earthen levee to the authorized grade. The levee will be constructed with access ramps along the west bank of Algiers Canal running southward from Highway 23 towards the Hero Canal Cutoff, in Plaquemines Parish.

WBV-06a.2	**Belle Chasse Hwy to Hero Cutoff (West) - Phase 2**	9/30/2010	6/17/2011	$2,905,845.34

DQSI

Raise levees to detention basin elevation to support the enhanced WBV-project. / This contract involves raising the elevation of approximately 4.7 miles of earthen levee. The levee would be constructed around the tunnel along with vehivular gates, railroad gates and a vehicle gate along the west bank of Algiers Canal from Highway 23 southward towards the Hero Canal Cutoff, in Plaquemines Parish.

WBV-06a.3	**West Algiers Canal Ramp Height Restoration**	5/7/2015	12/20/2015	$1,927,792.50

RDC Circle, LLC

Raise Four set-back ramps to elevation design height at WBV-06a.2 along the eastern side of the Algiers canal / Raise ramps and levee areas on the western portion of the Algiers Canal in the area known as the industrial reach or WBV-6a.2 to address the elevation deficiency due to settlement. Crown elevations that are expected to be below the design EL +8.5 ft. by Oct 2016 will be restored to EL +10.0 ft. This action will ensure all crown elevations are above the design EL +8.5 ft at Notice of Construction Complete in mid 2016.

Levee feet impacted 5,350 ft
Estimated embankment volume 9,000 CY's

WBV-07	**Planters Pump Station Fronting Protection and Modifications**	9/28/2009	12/21/2011	$33,071,191.00

Kiewit Louisiana Company

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.

WBV-08	**Sewerage & Water Board Pump Station #13 Fronting Protection and Modifications**	9/24/2009	11/13/2012	$29,984,860.50

Boh Bros.

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Sluice gates and butterfly valves will prevent backflow.

WBV-09a	**Hero Canal to Oakville - Levees**	6/21/2010	11/1/2011	$33,412,601.80

Kiewit Louisiana Company

Raise and construct levee and a small pump station to 100-Year level of risk reduction. / This contract involves construction of 5500 feet of earthen levee to the 100-year level of risk reduction and construction of a 300 cfs pump station. The construction will occur from the south side of Hero Canal in Plaquemines Parish and extend to the end of the old FEMA trailer park near Belle Chasse Highway. The levee will then begin again on the east side of Belle Chasse Hwy and tie into the Mississippi River Levee.

WBV-09a.1	**Hero Canal to Oakville - Emergency Shelter**	7/24/2013	2/14/2014	$775,568.00

Bucktown Contractors and Company

Emergency shelter along Oakville Levee Pump Station (Hired Labor) / Emergency shelter for operation of the pump station and sluice-gate drainage structure along the Hero-to-Oakville Levee in Oakville.

WBV-09b	**Hero Canal to Oakville - Structures**	5/14/2010	10/24/2012	$26,467,572.00

Conti Federal Services, Inc.

Raise and construct stop-log closure, pump station, and tie-ins on Hero Canal to 100 Year level of risk reduction. / This contract involves construction of a navigation stop-log closure on Hero Canal to the 100-year level of risk reduction and a 70 cfs pumping station. A hydraulic crane will also need to be installed for emplacing the stop-logs during times of closure.

WBV-09c	**Hero Canal to Oakville - Highway Structures**	7/9/2010	7/16/2013	$7,027,043.00

Conti Federal Services, Inc.

Raise and construct vehicle and RR floodgates on Belle Chasse Hwy to 100-Year level of risk reduction. / This contract involves construction of a floodwall tie-in to levees and swing gates across Hwy 23 (Belle Chasse Highway) and a railroad swing gate. The contract will also involve constructing of an improved road that will serve an an emergency bypass that re-routes emergency vehicles from Hwy 23 up and over the Mississippi River Levee.

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WBV-West Bank and Vicinity

WBV-10	**Belle Chasse Pump Station #1 (Plaquemines Pump Station) Fronting Protection and Modifications-Phase 1**	9/24/2009	10/23/2013	$31,713,678.00

Boh Bros.

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.

WBV-11	**Belle Chasse Pump Station #2 Fronting Protection and Modifications**	11/5/2010	11/9/2012	$11,389,058.00

F. Miller Construction, LLC,

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.

WBV-12	**Hero Canal Reach 1, 2nd Enlgt**	4/29/2010	12/7/2012	$0.00

Gulf Intracoastal Constructors

Improve approx 2.2 miles of levee to the 100-year level of risk reduction. This is a modification to WBV-90 ($11,749,560.25). / This contract involves improving approx 2.2 miles of earthen levee to the 100-year level of risk reduction. The construction will take place in Plaquemines Parish and tie into the Hero Canal stop-log closure on the north side of Hero Canal and tie into the GIWW levee near the confluence of the Hero Canal and the GIWW.

WBV-13	**S&WB PS #11 Fronting Protection and Modifications**	9/25/2009	6/26/2012	$21,399,478.50

Boh Bros.

PS fronting protection, modifications, floodwall tie-ins to the detention-basin elevation. / This contract involves fronting protection constructed to elevation +9.5 and consist of pile-supported T-walls that tie into the adjacent levee sections. Butterfly valves will prevent backflow.

WBV-14a.1	**Harvey Canal West Bank Levees - 2nd Englt Phase 1**	4/15/2008	11/3/2008	$1,772,610.00

Reeves Electrical Service (RES)

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a second enlargement or lift to approximately 3 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation from south of the Lapalco Overpass southward to the Old Estelle Pumping Station in Jefferson Parish.

WBV-14a.2	**Harvey Canal West Bank Levees - Phase 2 - Estelle PS to Vicinity of Lapalco Ave**	11/12/2010	5/24/2012	$13,064,983.50

Purnell Construction Co., Inc.

Earthen Levee Enlargement and Floodwall behind GIWW-WCC. / This contract involves raising the elevation of approximately 3 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +12 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of T-walls. These levee improvements will occur southward from the Lapalco Overpass to the Old Estelle Pumping Station in Jefferson Parish.

WBV-14b.1	**Orleans Village to Hwy 45, Levee - Phase 1**	8/28/2007	5/21/2008	$2,998,616.00

Cycle Construction Co., LLC

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a second enlargement or lift on approximately 3 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation in the vicinity of the Ames and Mt. Kennedy Pumping Stations in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.

WBV-14b.2	**Orleans Village to Hwy 45 Levee - Phase 2**	9/25/2009	2/16/2011	$11,058,474.00

Creek Services, LLC

Build to 100 year level. / This contract involves raising the elevation of approximately 3 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. Construction will also include the installation of sheet pile along some segments. These levee improvements will occur in the vicinity of the Ames and Mt. Kennedy Pumping Stations in Jefferson Parish.

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WBV-West Bank and Vicinity

WBV-14c.1	**New Westwego Pump Station to Orleans Village - 3rd Enlgt - Phase 1**	3/14/2008	9/3/2009	$8,978,105.00

Clark Construction Enterprises, LLC

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a third enlargement or lift on approximately 3.5 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation east of the New Westwego Pumping Station to a point on the levee approximately 1 mile east of the Westminster Pumping Station in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.

WBV-14c.2	**New Westwego Pump Station to Orleans Village - Phase 2**	6/14/2010	12/9/2011	$26,541,332.60

Phylway Construction

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.5 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. At present the crown of this levee reach is approximately 4 feet below design grade on average. Construction will also include the installation of new floodwalls tying into the Westminster Pumping Station. These levee improvements will occur east of the New Westwego Pump Station to a point on the levee approximately 1 mile east of the Westminster Pump Station in Jefferson Parish.

WBV-14c.2a	**New Westwego Pump Station to Orleans Village - Corrective Measures Phase 2.1 (Hired Labor)**	2/15/2013	11/1/2013	

Hired Labor

WBV-14c.2b	**New Westwego Pump Station to Orleans Village - Phase 2.2**	11/9/2013	7/1/2014	

Keiland Construction, LLC

WBV-14c.2c	**Westwego Pump Station to Orleans Village - Phase 2.3**	3/13/2014		$39,000.00
WBV-14c.2d	**New Westwego Pump Station to Orleans Village - Phase 2.4'**	4/18/2014		$483,441.00
WBV-14c.2e	**New Westwego Pump Station to Orleans Village - Phase 2.5**	7/31/2014	9/18/2014	
WBV-14c.2f	**Westminster Pumping Stations, Floodwall Remediation, Monoliths A and B and G and H**	5/21/2015	8/26/2016	$2,825,000.00

RDC Circle, LLC

WBV-14d	**V-line Floodwall**	7/2/2009	3/1/2011	$17,147,671.00

Shavers-Whittle Construction

WBV-14e.1	**V-line Levee, East of Vertex - Phase 1**	6/6/2008	5/22/2009	$8,013,621.00

Bucktown Contractors and Company

Already built to authorized level of protection, but settled. Restore to authorized level of protection. / This contract involves the construction of a third enlargement or lift to approximately 2 miles of existing earthen levee that has experienced excessive settlement. This restoration will raise the levee to the authorized elevation south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish. A geotechnical evaluation of the sections where settlement occurred will be done to determine the need to install sheet pile rather than construct an earthen levee.

WBV-14e.2	**V-line levee, East of Vertex - Phase 2**	3/26/2010	10/4/2010	$15,810,697.92

Purnell Construction Co., Inc.

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.0 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of sheet pile along some segments. This section of levee runs alongside the Bayou Aux Carpes 404c Wetland Area.
These levee improvements will occur south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish.

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WBV-West Bank and Vicinity

WBV-14e.2a	**V-line levee, East of Vertex - Phase 2**	1/21/2011	10/20/2011	$13,852,340.00

Phylway Construction

Build to 100 yr level of protection. / This contract involves raising the elevation of approximately 3.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. This earthen levee has a 10 foot wide crown with a design elevation of +13.0 to +14 NAVD88 (100 yr level of protection elevation) and 1 vertical on 4 horizontal side slopes. Construction will also include the installation of sheet pile along some segments. This section of levee runs alongside the Bayou Aux Carpes 404c Wetland Area.
These levee improvements will occur south from the Old Estelle Pumping Station to the intersection of the levee and Highway 45 in Jefferson Parish.

WBV-14f.2	**Hwy 45 levee - Phase 2**	9/17/2009	10/22/2010	$4,938,789.00

Clark Construction Enterprises, LLC

Build to 100 year levels. / This contract involves raising the elevation of approximately 2.5 miles of existing earthen levee to the 100-year level of protection. This is the same levee segment that was restored during Phase 1 activities. Construction will also include the installation of sheet pile along some segments. These levee improvements will occur where the levee parallels the west side of Highway 45 in Jefferson Parish.

WBV-14f.2a	**WBV Armoring Pilot Program**	4/12/2013	5/30/2014	$1,564,499.00

Bucktown Contractors and Company

WBV-14g.1	**Old Estelle to New Estelle**	9/13/2007	6/19/2008	$2,500,395.00

Shavers-Whittle Construction

Raise and construct floodwall to authorized level of protection. / The project will involve the installation of approximately 4,200 linear feet of sheet pile I-wall, placement of earthen stability berm, and grouted riprap scour pads for the entire length of the job. The alignment will be generally north of and parallel to the Old Estelle Pump Station outfall canal, starting at the existing Old Estelle Pump Station floodwall and terminating just beyond the existing I-wall at the Bridgeline pipeline crossing on the Harvey Canal.

WBV-14g.2	**Estelle Pump Station Vicinity Floodwalls**	8/21/2009	5/6/2011	$20,574,776.03

Creek Services, LLC

Construct Floodwalls between New Estelle PS to Old Estelle PS to authorized level of protection. / Floodwall between New Estelle PS and Old Estelle PS; west of deflection point is 100 year; north of deflection point is behind GIWW West Closure Complex.

WBV-14i	**V-Line Levee, LA 3134 Highway Crossing**	3/24/2010	3/31/2012	$13,069,495.10

Shavers-Whittle Construction

Raising of Highway 3134 above the floodwall and Levee. / The work consists of furnishing all plant, labor, materials and equipment, necessary for the raising of Highway 3134 above the Floodwall and Levee, Westbank and Vicinity, New Orleans, LA Hurricane Protection Project, located in Jefferson Parish, Louisiana. The project consists of relocating a drainage canal, backfilling the existing canal and plugging, filling, and abandoning existing culverts, construction of floodwalls and levees to tie into adjacent protection, and construction of an earthen ramp over an "embedded" levee section.

WBV-14j	**Westwego to Harvey Utility Crossings and Miscellaneous Sector Gate Retrofits**	12/13/2010	12/2/2011	$8,397,971.30

Aquaterra-CAYO

Sleeve through Floodwalls on WBV-14b.2, 14c.2, and 14f.2 and Harvey Sector Gate Retro Fit. / The work consists of new floodwall at four utility crossings, installation of dolphins across from the outfall canal for Cousins Pump Station, and installation of Levee/T-wall transitions at all four floodwall locations for the Westwego to Harvey Utility Crossings and Misc. Harvey Sector Gate Retrofits, Westbank and Vicinity, New Orleans, LA Hurricane Protection Project, located in Jefferson Parish, Louisiana.

WBV-15a.1	**Lake Cataouatche Pump Station to Segnette State Park - Phase 1**	7/27/2007	7/9/2009	$44,715,574.00

Odebrecht Construction

Raise and construct levees to authorized level of protection / This contract involves constructing new and raising existing levee elevations to authorized levels on approximately four miles of levee from the Lake Cataouatche Pumping Station to Bayou Segnette State Park in Jefferson Parish. This contract also includes the relocation of a drainage canal and the placement of rip-rap foreshore protection.

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WBV-West Bank and Vicinity

WBV-15a.2	**Lake Cataouatche Pump Station to Segnette State Park - Phase 2**	2/4/2010	11/22/2011	$41,308,168.40

Phylway Construction

Raise and construct levees to 100 year level / Contract WBV15a.2 is phase two construction of an earthen levee reach located within the Lake Cataouatche Reach of the West Bank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage and Risk Reduction System (HSDRRS) in Jefferson Parish, Louisiana. The contract limits extend from Lake Cataouatche Pump Station (approx. Sta: 316+00) to Segnette State Park (approx. Station 514+20) resulting in approximately 3.75 lineal miles of contract length. The contract generally runs from west to east and is bound by Lake Cataouatche Outer Canal immediately to the south and Cataouatche Inner Canal immediately to the north. The right-of-way is 950′ in width for the majority of the contract and narrows through two jogs to 550′ at the easterly end. The westerly start of the project will tie into WBV15b.2 Lake Cataouatche Pump Station fronting protection. The easterly end of the project will tie into WBV24 Segnette State Park floodwall. The majority of the reach centerline is being shifted 14′ to the protected side to minimize in water work. The previous lift, Phase 1 authorization, constructed the levee crown to elevation 12.0′. WBV15a.2 will lift the levee crown to elevation 13.5′. The 2011 1% hydraulic design elevation is 11.5′. The 2057 1% hydraulic design elevation is 15.5′. Due to soil consolidation, and the 2057 1% hydraulic design elevation, it is anticipated that several lifts will be required to ensure the actual elevation continually exceeds the 1% hydraulic design elevation. Local drainage will remain unchanged from phase 1. There is an existing 24″ gas pipeline near the crossing levee right-of-way near east end of the contract. An existing power line follows the contract along the south side of Lake Cataouatche Outer Canal then crosses the canal and levee right-of-way near the east end of the contract where the ROW is narrower. The power line towers are outside the ROW. The borrow pit is combined government furnished offsite at Churchill Farms Phase 1 and contractor furnished. Access to the site is via Nicole Boulevard along a gravel road entering the levee contract at the easterly end.

WBV-15a.2a	**Lake Cataouatche Pump Station to Segnettte State Park at Chevron Pipeline**	1/24/2012	10/17/2012	$2,609,737.50

Conquistador Dorado JV

Lake Cataouatche Pump Station to Segnettte State Park at Chevron Pipeline / Build a levee where the Chevron pipeline exists. This work was left over from WBV-15a.2. It was a option area that was never exercised since the WBV-15a.2 contract was completed before the Chevron Pipeline was relocated. The other work associated with this contract is putting erosion protection on the floodside toe of the levee.

WBV-15b.1	**Lake Cataouatche Pump Station Fronting Protection, Modifications**	8/31/2007	5/28/2008	$4,864,420.00

Cycle Construction Co., LLC

PS fronting protection, modifications, floodwall tie-ins to the authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the authorized level of protection. The fronting protection will involve the construction of sluice gates and modifications will include the construction of higher floodwalls at the discharge point.

WBV-15b.2	**Lake Cataouatche Pump Station Fronting Protection, Modifications**	4/10/2009	7/17/2013	$23,742,210.00

Merrick Construction Co.

PS fronting protection, modifications, floodwall tie-ins to the 100 year / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the construction of sluice gates and modifications will include the construction of higher floodwalls at the discharge point.

WBV-15b.2a	**Lake Cataouatche Pump Station Fronting Protection, Modifications**	9/12/2011	8/22/2012	$1,371,654.00

Healtheon

WBV-16.1	**Segnette PS to New Westwego Pump Station Floodwall - Phase 1**	5/23/2007	1/10/2008	$14,747,703.00

Cajun Constructors

WBV-16.1a	**Company Canal Barge Gate Modifications & Channel Dredging**	6/4/2009	12/18/2009	$1,516,900.00

Creek Services, LLC

Barge Modifications and Channel Siltation Dredging / Barge Modifications and Channel Siltation Dredging

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WBV-West Bank and Vicinity

WBV-16.2	**Bayou Segnette Complex**	2/10/2010	5/22/2013	$42,805,800.00

Cajun Constructors

Sector gate, pump station, navigation channel re-alignment and levee section across Bayou Segnette. / The project consists of constructing levees, T-Walls, a 400 cfs drainage pumping station, and a 56' wide sector gate to provide protection against the 1% storm surge. Beginning at the tie-in to the new fronting protection in front of the Bayou Segnette Pump Station, a new T-wall is proposed proceeding north on the west side of Bayou Segnette on similar alignment as the existing levee and interim sheet pile floodwall. Approximately 150 feet north of this point, the T-wall will turn easterly and will run parallel to the pump station access road and then cross Bayou Segnette on a new alignment. The Bayou Segnette closure will include a hybrid T-wall tying into a 400 cfs pump station separated from a 56-foot wide sector gate by a T-wall. A 60-foot wide navigation channel is proposed upstream and downstream of the sector gate. The closure section in Bayou Segnette will be built last to maintain navigation during concurrent construction of the pump station and the sector gate. A T-wall will extend from the sector gate and transition into an earthen levee. The earthen levee will extend southeasterly to the newly construction flood wall north of Lapalco Boulevard.

WBV-16b	**Segnette Pump Station Fronting Protection & Modifications.**	1/25/2010	7/31/2012	$19,565,240.00

M.R. Pittman Group, LLC.

PS fronting protection and modifications for Bayou Segnette Pump Stations No. 1 & 2 to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection.The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

WBV-17b.1	**Station 160+00 to Hwy 90 - Phase 1**	3/19/2008	8/16/2010	$14,622,356.54

Vistas Construction of Illinois, Inc.

Raise and construct levees to authorized level of protection. / This contract involves the construction of approximately 1 mile of earthen levee paralleling a landfill that lies south of Highway 90 as part of the Lake Cataouatche system in Jefferson Parish. It also includes the construction of levee structures to the authorized elevation and the relocation of a drainage canal.

WBV-17b.2	**Hwy 90 to Lake Cataouatche Pumping Station Levee, Station 125 to 160 - Phase 2**	11/2/2010	11/16/2011	$5,302,089.54

Healtheon

Build to 100 year level. / This contract involves raising the elevations of approximately 1 mile of earthen levee that was constructed during Phase 1 to the 100 year level of protection. This contract will involve the levee that parallels a landfill that lies south of Highway 90 as part of the Lake Cataouatche system in Jefferson Parish.

WBV-17b.2a	**Hwy 90 to Lake Cataouatche Pumping Station Second Levee Lift - Phase 2**	5/23/2014	10/17/2014	$594,790.00

RDC Circle, LLC

Second levee lift to bring levee to design elevation. / Work consist of clearing the existing levee, placement of compacted fill, fertilizing, seeding and mulching all disturbed areas and limits of the new earthen compacted fill, maintenance of access roads and other incidental work. West Bank and Vicinity, New Orleans, LA, Hurricane Protection Project, WBV-17b.2a, Louisiana Highway 90 to Lake Cataouatche Pumping Station, B/L Sta. 106+36 to B/L Sta. 11+50, Phase II, Second Lift, Levee Enlargement, Jefferson Parish, Louisiana (ED 14-021).

WBV-18.1	**Hwy 90 to Lake Cataouatche Pump Station - Phase 1**	10/24/2006	12/23/2008	$16,854,750.00

Manson Gulf

Raise levees to authorized level of protection / This contract involves improving approximately 2.8 miles of existing earthen levee from the southernmost limits of a landfill south of Highway 90 at approximate station 160+00 southward towards the Lake Cataouatche Pump Station in Jefferson Parish. The exisiting levee is deficient in both elevation and stability This contract involves constructing the levee to the authorized elevation, providing 1 vertical to 4 horizonal side slopes for stability, stability berms and also includes the relocation of an adjacent drainage canal for stability reasons.

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WBV-West Bank and Vicinity

WBV-18.2	**Hwy 90 to Lake Cataouatche Pump Station - Phase 2**	8/21/2009	10/10/2011	$12,309,991.00

Circle Inc.

Raise levees to 100 year flood level / Contract WBV18.2 is phase two enlargement construction of an earthen levee reach located within the Lake Cataouatche Reach of the West Bank and Vicinity portion of the Greater New Orleans Hurricane and Storm Damage and Risk Reduction System (HSDRRS) in Jefferson Parish, Louisiana. For authorization see Project Description Document #11 (Lake Cataouatche), October 2008. The contract limits extend from approximately one mile south of Highway US-90 (approx. Station 160+00) to Lake Cataouatche Pump Station (approx. Station 300+00) resulting in approximately 2.65 lineal miles of contract length. The contract generally runs from northwest to southeast and is bound by Lake Cataouatche Outer Canal immediately to the south and Cataouatche Inner Canal immediately to the north. The right-of-way is 950′ and 1,300′ in width at the northwest end and southeast end respectively transitioned by a right angle jog near the center of the reach. The northwesterly start of the project will tie into WBV17b.2 Lake Cataouatche Levee Enlargement. The Southeasterly end of the project will tie into WBV15b.2 Lake Cataouatche Pump Station Fronting Protection. The majority of the reach centerline is being shifted 14.5′ to the protected side to minimize in water work. The previous lift, Phase 1 authorization, constructed the levee crown to elevation 11.0′. WBV18.2 will lift the levee crown to elevation 14.5′. The 2011 1% hydraulic design elevation is 11.5′. The 2057 1% hydraulic design elevation is 15.5′. Due to soil consolidation, and the 2057 1% hydraulic design elevation, it is anticipated that several lifts will be required to ensure the actual elevation continually exceeds the 1% hydraulic design elevation. Local drainage will be moved and replaced in like kind. The borrow pit is adjacent government furnished on the protected side along the Southeast portion of the contract where the right-of-way is wider. Access to the site is directly off Avondale Garden Road entering the levee contract at the Southeasterly end.

WBV-20	**New Westwego Pump Station Fronting Protection and Modifications**	10/2/2009	9/1/2011	$14,677,988.60

Shavers-Whittle Construction

PS fronting protection and modifications for New Westwego Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

WBV-21	**Old Westwego Pump Station Fronting Protection & Modifications**	4/15/2010	8/10/2011	$3,561,576.20

Reeves Electrical Service (RES)

Fronting protection & mods for Old Westwego PS to authorized LOP. Located behind the Bayou Segnette Complex so no longer a 100-year perimeter project. / This contract involves the installation of fronting protection for the pumping station and modifications to the existing facilities. The fronting protection will involve the extension of discharge pipes, backflow prevention system, and modifications which will include the construction of higher floodwalls at the discharge point; the walls will accommodate future discharge pipes that will be installed by the NFS. These modifications to the existing pump station facility are located behind the Bayou Segnette Complex so this is no longer a 100-year perimeter project.

WBV-22	**Westwego Floodwall**	10/22/2009	12/16/2010	$7,486,808.75

W, G, Yates & Sons Construction Company

100-Year level of protection for floodwall between the Bayou Segnette Complex (WBV-16.2) and the New Westwego Pump Station (WBV-20). / The project involves the construction of new T-walls, removal of exisitng I-wall section, installation of new inspection road on the floodside of the T-walls and concrete scour protection behind the T-walls, and related work. The excavated material produced due to degrading existing levees, foundation excavation for T-walls and spoil material from removal of the existing I-wall will be disposed of off-site.

WBV-23	**New Estelle Pump Station Fronting Protection & Modifications**	4/19/2010	9/21/2011	$7,995,645.00

Reeves Electrical Service (RES)

Fronting protection & mods for New Estelle PS to authorized LOP. Located behind West Closure Complex. / This contract involves the installation of fronting protection for the pumping station and modifications to the existing facilities. The fronting protection will involve the extension of discharge pipes, backflow prevention system, and modifications which will include the construction of higher floodwalls at the discharge point. The modification of existing pump station facilities are located behind the GIWW - West Closure Complex so this is no longer a 100-year perimeter project.

WBV-24	**Segnette State Park Floodwall**	12/23/2009	11/5/2012	$20,869,748.00

David Boland, Inc.

Already built to authorized level of protection. This contract will establish 100 year level of protection between Lake Cat. levee and Segnette Pump Stations. / Construction activities include removal of existing I-walls and gate monoliths, removal of existing sheet piles, construction of new floodwall and gate monoliths, construction of a temporary access road and new road, relocation of utilities, construction of new berms.

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WBV-West Bank and Vicinity

WBV-30	**Westminster Pump Station Fronting Protection and Modifications**	9/18/2009	8/25/2011	$13,694,430.20

Bucktown Contractors and Company

Pump station fronting protection and modifications for Westminster Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

WBV-33	**Old Estelle Pump Station Fronting Protection and Modifications**	9/16/2009	8/16/2011	$22,574,738.60

Purnell Construction Co., Inc.

Pump station fronting protection and modifications for Old Estelle Pump Station to authorized level of protection. / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the extension of discharge pipes, backflow prevention systems, and modifications which will include the construction of higher floodwalls at the discharge point.

WBV-37	**Ames/Mt. Kennedy P.S. Fronting Protection & Modifications.**	6/23/2010	9/15/2012	$22,500,003.50

Merrick Construction Co.

Fronting protection & mods for Ames / Mt. Kennedy PS to authorized LOP. Existing walls met 100-year el. but did not meet stability criteria. / The works consists of the construction of reinforced concrete floodwalls; concrete sluice gate; levee construction; clearing and grubbing; painting, establishment of turf; placing rip-rap; bedding; driving steel sheet piling, steel h-piles; structural excavation and backfill; drainage systems; electrical systems, dewatering systems; installing swing gate, and sluice gates; demolition; temporary retaining structures;
temporary flood protection and other incidental work.

WBV-38.1	**Cousins Pump Station - Phase 1**	9/16/2006	3/1/2008	$18,781,000.00

C.R. Pittman

Ongoing construction / This contract involves the installation of fronting protection for the pumping station and modification to the existing facilities bringing them to the 100 year level of protection. The fronting protection will involve the construction of sluice gates and modifications will include higher floodwalls at the discharge point. Other improvements include enlarging the station from 2000 cfs capacity to 4000.

WBV-38.2	**Cousins Pump Station and Discharge Channel Floodwalls - Phase 2**	10/26/2010	10/23/2013	$11,170,830.00

Creek Services, LLC

PS fronting protection, modifications, floodwall tie-ins to 100 year level of protection. / This contract involves the installation of fronting protection for the pumping station and modification of the existing facilities to bring them to the 100 year level of protection. Work shall consist of constructing reinforced concrete foundations for the existing I-Walls, and construction of a new sluice gate structure for the existing discharges of Pump Station No. 2. Removal and off-site disposal of concrete walls, riprap, concrete scour pavement, as well as clearing and grubbing, smooth grading, turf establishment, riprap placement is included.

WBV-39b.1	**Cousins Discharge Channel Floodwalls - Phase 1**	6/17/2007	8/29/2008	$916,000.00

Hired Labor

Analyse and improve to authorized grade. / The approximate length of HPS floodwall improvements is 1500 L.F.

WBV-44	**Whitney Barataria Pump Station Floodwall Modifications**	8/17/2010	10/6/2011	$7,348,850.00

Cycle Construction Co., LLC

Modification to existing pump station facilities that are located behind GIWW - West Closure Complex; no longer a 100-year perimeter project. / The work consists of constructing pile founded reinforced concrete T-walls and L-walls; pile founded dolphin structures, miscellaneous metal work and levee construction. The modification of floodwalls and tie-ins at the pump station are located behind the GIWW - West Closure Complex so this is no longer a 100-year perimeter project.

WBV-46.1	**Sector gate Complex - Phase 1**	12/16/2003	7/14/2008	$35,686,893.00

Boh Bros.

Ongoing construction. Build to elevation 11.5. Includes Cousins Discharge Channel. / This ongoing contract is for the construction of a sector gate in the Harvey Canal and 500 feet of connecting concrete floodwalls for hurricane storm surge protection. The 125 foot wide metal sector gate will be located just down stream of the Lapalco Overpass.

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WBV-West Bank and Vicinity

WBV-46.1a	**Harvey Canal Floodgate (Sector Gate)- Permanent Pumps**	11/13/2014	2/28/2017	$7,168,255.00
Healtheon				
WBV-46.1a.1	**Harvey Canal Floodgate (Sector Gate) - Repair of Temporary Pumps**	4/23/2012	5/2/2016	
WBV-46.2	**Cousins Canal Walls - Destrehan Bridge to Sector Gate**	5/18/2010	9/30/2011	$3,495,622.00

Aquaterra-CAYO

Build to 100 yr level of protection. / This contract involves raising the sector gate structure in the Harvey Canal and its 500 feet of connecting concrete floodwalls to the 100 year level of protection. The sector gate will be located just downstream of the Lapalco Overpass. Work shall consist of constructing reinforced concrete floodwalls; installation of sheetpiling, steel H-piles; geotextile, surfacing, chain link fence and gates, painting, turf establishment, demolition, pile load tests, clearing and grubbing; structural excavation and backfill, and other work incidental thereto.

WBV-47.1	**Algiers Lock to Belle Chasse Hwy (West) - Phase 1**	11/18/2010	8/16/2011	$5,838,990.00

Allen Wright Enterprises / Hamps Construction

Raise levees to detension basin elevation and addition of a stability berm. / Raise levees to authorized level of protection along a reach of approximately 3.7 miles along the western side of the Algiers Canal.

WBV-47.2a	**West Algiers Canal Levee Height Restoration**	2/5/2015	9/17/2015	$1,350,170.00

RDC Circle, LLC

Levee Lift to restore the levee elevation at WBV-47.1 to the HSDRRS Design Requirement along the western portion of the Algiers Canal. / Raise levee areas on the western portion of the Algiers Canal that extends from the Belle Chasse tunnel to the Algiers Lock to address the elevation deficiency due to settlement. Crown elevations that are expected to be below the design EL +8.5 ft. by Oct 2016 will be restored to EL +9.2 ft. This action will ensure all crown elevations are above the design EL +8.5 ft at Notice of Construction Complete in late 2015.

Levee feet impacted 12,200 ft
Estimated embankment volume 10,000 CY's

WBV-48.1	**Belle Chasse Hwy to Algiers Lock (East) - Phase 1**	8/8/2005	2/1/2007	$4,988,888.00

Circle Inc.

Ongoing construction to authorized level of protection. / Construction of levee raise to the authorized level of construction.

WBV-48.2	**Belle Chasse Hwy to Algiers Lock (East) - Phase 2**	11/19/2010	4/4/2011	$1,583,220.00

Allen Wright Enterprises / Hamps Construction

Construct a stability berm along the protected side. / This contract involves additional geotechnical work to be completed to confirm stability of the levee for meeting the criteria of the detention basin. The improvements will run from the Belle Chasses Highway northward to the Algiers Lock in Plaquemines Parish.

WBV-49.1	**Hero Levee to Belle Chasse Hwy (East) - Phase 1**	10/22/2010	6/3/2011	$1,306,120.00

Allen Wright Enterprises / Hamps Construction

Raise levees to the detension basin elevation and addition of a stability berm. / Raise levees to authorized level of protection along a reach of approximately 5.3 miles along the eastern side of the Algiers Canal.

WBV-49.2a	**East Algiers Canal Levee**	9/12/2014	9/18/2015	$3,348,575.00

Conquistador Dorado JV

Levee Lift to raise levees on Eastern portion of the Algiers Canal on WBV-48.2 and WBV-49.1 / This contract will address elevation design deficiency on the eastern portion of the Algiers Canal levees on WBV-48.2 and WBV-49.1. This work addresses levee height deficiencies that are below the required design grade of EL+8.5 or may become height deficient in 3 to 5 years from Jan 2014. All levee sections below EL+8.8 ft are to be returned to EL+8.8 ft. before a Notice of Construction Complete (NCC) is issued. Work will extend approximately 8.8 miles.

WBV-58	**'07 Priority Interim - Contract 1: V-line floodwall**	4/5/2007	2/4/2008	$1,336,287.50

Allen Wright Enterprises / Hamps Construction

Add stability berm, culvert and hardening / The approximate length of HPS floodwall improvement is 7000 L.F.

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WBV-West Bank and Vicinity

WBV-59	**'07 Priority Interim - Contract 2: Estelle PS to Lapalco**	7/13/2007	11/29/2007	$2,076,576.00

Shavers-Whittle Construction

Stabilize and harden I-walls, stabilize adjacent levee section / The approximate length of HPS floodwall improvement is 8000 L.F.

WBV-60	**'07 Priority Interim - Contract 3: Weswego Floodwall**	12/7/2007	12/12/2008	$7,686,948.04

Southern Services & Equipment, Inc.

Stabilize existing I-wall w/culvert and berm / The approximate length of HPS floodwall imiprovement is 2700 L.F.

WBV-61	**'07 Priority Interim - Contract 4: Segnette Park Floodwall**	11/20/2007	11/17/2008	$7,165,266.60

Creek Services, LLC

Stabilize and harden I-wall / The repair is to stabilize and harden the existing I-wall. The approximate length of HPS floodwall improvement is 7800 L.F.

WBV-62	**'07 Priority Interim - Contract 5: Old and New Estelle PS and PS #13**	4/27/2007	2/15/2008	$2,685,859.50

Allen Wright Enterprises / Hamps Construction

Stabilize I-wall and T-walls at all 3 Pump Stations / Each pump station includes tie-in I-walls and fronting protection. The repair is to stabilze the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed at New and Old Estelle Pump Stations. The approximate length of HPS floodwall improvement is 3000 L.F.

WBV-63a	**'07 Priority Interim - Contract 6: Misc West Bank Pump Stations and Utility Crossings**	4/26/2007	11/29/2007	$993,305.00

Progressive Construction

Ames, Mt. Kennedy and Utilities / The repair is to stabilize I-walls and harden. The approximate length of HPS floodwall improvement is 1650 L.F.

WBV-63b	**'07 Priority Interm - Contract 7: Misc West Bank Pump Stations and Utility Crossings**	6/21/2007	10/4/2007	$665,487.00

Bucktown Contractors and Company

Old and New Westwego PSs / The repair is to stablize the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed. These walls will include A-Frame bents. The approximate length of HPS floodwall improvemet is 1300 L.F.

WBV-63b.1	**'07 Priority Interim - Contract 7b: Misc West Bank Pump Stations and Utility Crossings**	7/3/2007	11/18/2008	$3,499,829.00

Allen Wright Enterprises / Hamps Construction

Westminster Pump Station improvements / The repair is to stablize the walls with stability berms and soil mixing. Where the FOS is very low and right-of-way insufficient, new sheet piling walls will be constructed. These walls will include A-Frame bents. The approximate length of HPS floodwall improvemet is 2500 L.F.

WBV-63c	**'07 Priority Interim - Contract 8: Misc West Bank Pump Stations and Utility Crossings**	5/23/2007	12/17/2007	$2,462,817.00

Southern Services & Equipment, Inc.

Belle Chasse #1, #2, Planters PS, S&WB #11 / The repair is to stabilize I-walls and harden crossings. The approximate length of HPS floodwall improvement is 3300 L.F.

WBV-70	**Western Tie-In Levees (Dewatering Cells)**	9/25/2009	7/8/2010	$10,904,860.00

Phylway Construction

Construct cells to dewater the area for construction. / This contract includes the construction of 2.5 miles of sand levees. These sand levees formed sand cells that were dewatered in preparation for clay levee construction in WBV-72.

WBV-71	**Western Tie-In Levees (North-South)**	9/25/2009	8/15/2012	$5,331,002.53

DQSI

Raise levees to 100-year level of protection. Formerly known as Western Tie-In Levees. / This contract raised about 1.3 miles of the Davis Pond guide levee to the 100-year elevation. This levee ties into WBV-73 on the south side and WBV-75 and 77 on the northern side.

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WBV-West Bank and Vicinity

WBV-72	**Western Tie-In Levees (East-West)**	3/22/2010	10/26/2012	$30,224,400.80

WRS Infrastructure & Environment, Inc.

Construct levees to 100-year level of protection. Formerly known as Western Tie-In Levees. / This contract constructed approximately 2.8 miles of clay levees to the 100-year level of protection. This levee runs parallel to US-90 and ties into WBV-73 on the west and WBV-17b.2 on the east.

WBV-72a	**Western Tie-In Drainage Structure**	12/7/2012	11/17/2013	

Western Tie-In Drainage Structure (This is a Modification to WBV-73) / Construct a drainage structure in the Outer Cataouatche Canal and the exisiting WBV-72 levee.

WBV-73	**Western Tie-In Highway Crossing**	7/6/2010	10/22/2013	$38,478,691.75

James Construction Group

Construct floodwall/structures to 100-yr level across Hwy90. Formerly "Western Tie-In Structures." / This contract constructed a highway bridge over a floodwall at the intersection of WBV-72 and US-90. This contract includes the highway bridge at US-90, floodwalls across US-90, and detour roads.

WBV-73a	**Ditch B Relocation and Drainage Cut Repair**	8/19/2014	6/3/2015	$822,385.00

RDC Circle, LLC

WBV-74	**Western Tie-In Closure Structure**	4/30/2010	6/18/2012	$28,945,972.00

Tetra Tech EC Inc

Construct closure structure for 100-yr level of protection. Formerly "Western Tie-In Structures." / This contract constructed a sector gate in Bayou Verret. This sector gate was built to the 100-year level of protection and connects WBV-72 on the east and west side of the canal. This project included the construction of the sector gate, floodwalls, small levee sections, and a by-pass channel.

WBV-74a	**Emergency Shelter with Control House**	1/10/2014	10/23/2014	$1,169,764.00

Aquaterra-CAYO

WBV-75	**Western Tie-In BNSF Railroad Crossing**	6/24/2011	4/10/2012	$4,416,887.55

Boh Bros.

Construct floodwall/structures for 100-yr level across RR crossing. Formerly "Western Tie-In Structures." / This contract will construct a rail road floodgate at the BNSF rail road crossing. This floodgate is located approximately 0.3 miles north of US-90 and connects WBV-71 on the north and south side.

WBV-76	**Western Tie-In Hwy 90 Pump Station**	1/10/2011	4/1/2013	$6,994,305.66

Healtheon

Relocating the PS at HWY 90. / This contract will construction a 150 cfs pump station at the intersection of the outer Cataouache Canal and US-90. The contract also includes small section of levee to be raising to the 100-year elevation.

WBV-77	**Western Tie-In UP Railroad and LA-18 Crossing**	7/18/2011	11/1/2012	$8,373,000.00

Cajun Constructors

Western Tie-In UP Railroad and LA-18 Crossing / This contract constructs a railroad gate at the Union Pacific railroad crossing. This contract also includes a earthen ramp at LA-18 that will be raised to the 100-year elevation.

WBV-80	**Algiers Canal Clearing and Grubbing**	5/29/2012	10/16/2014	

Hired Labor

Clearing and Grubbing along flood-side and protected-side of Algiers Canal. (Hired Labor) / The clearing and grubbing work will include the removal of brush and trees within the 15 feet from the flood side and protected side toe. This will cover the area the entire length of the Algiers Canal, from the Algiers Lock down to the Hero Cutoff (on the west side) and all the way to the West Closure Complex intake basin (on the east side). The first phase will clear the flood side area between the toe and the water's edge. A rock dike, at approx Elev +4, exists in many areas along the water's edge. Many areas between the rock dike and the flood side toe are lower than the rock dike (approximately Elev +1) and are subjected to water from changing tides. This area is often too wet for mowers to maintain. The addition of embankment in these areas will allow the flood side to be maintainable. The added embankment is estimated to be raise areas on the flood side to approx Elev +3.5 to +4.5. Some areas will require the installation of a rock dike or repair to the existing rock dike. The clearing and grubbing of areas along the protected side will require the simple removal of trees and brush in some reaches. MVN leadership will determine whether acquisition of real estate will be required in order to have 15-feet of VFZ between the protected side toe and ROW boundary. This would require additional clearing and grubbing and removal of other encroachments.

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WBV-West Bank and Vicinity

WBV-81	**Chevron 30-inch pipeline relocation along Algiers Canal**	3/13/2013	8/21/2014	$2,895,995.77
Healtheon				
Construction of a sleeve-through T-wall for relocation of Chevron 30-inch pipeline / The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks.				
WBV-82	**Gulf South 12-inch pipeline relocation along Algiers Canal**	12/18/2012	1/18/2014	$2,760,754.50
Cycle Construction Co., LLC				
Relocation of Gulf South 12-inch pipeline along Algiers Canal / If a T-wall alternative is selected: The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks. The work will also include excavation and removal of a portion of the pipeline in the levee section as well as the replacement of the levee section to pre-construction conditions.				
WBV-83	**S&WB pipeline relocations along Algiers Canal**	2/5/2013	10/25/2013	$3,017,286.50
Fleming Construction Company, LLC.				
Relocation of S&WB 42-inch Sewer Force Main and 12-inch Water Line. / The 42-inch sewer force main is expected to utilize a concept which will be an exception to HSDRRS design guidelines due the difficulty in moving this line. MVN-ED-T and MVN-ED-F have discussed the concept and the Chief of ED concurs that an exception to policy can be pursued. The concept would include sheet pile jacked under the in-place line, and a sheet pile with sleeve would be constructed around the line. The line would be supported by a pile-supported bent. The 12-inch water line would be relocated using the direct contact method – an up and over design that would keep the line out of the levee section. The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, driving sheet pile and concrete/steel piles to include jacking sheet piles under and pipeline in place, concrete T-wall construction, cofferdam/TRS construction, and other associated heavy construction tasks.				
WBV-84	**AT&T submarine lines relocation along Algiers Canal**	11/4/2012	9/5/2013	
Hired Labor				
Relocation of two 5-inch submarine cables. / The two AT&T submarine cables will be removed from the levee section and the levee section replaced along with any additional stability berm required. The relocation work will include the following tasks: site preparation, clearing and grubbing, staging area development, and other associated heavy construction tasks.				
WBV-85	**WBV Misc. Repairs for various Westwego to Harvey Projects**	3/28/2014	9/19/2014	$565,030.00
A SDVOB, LLC				
WBV-86	**West Harvey Levee Construction**	9/23/2014	7/15/2015	$2,476,774.00
Pontchartrain Partners, LLC				
WBV-87	**SAP Contract For Various WBV Contracts**	5/5/2014	6/26/2014	$52,211.18
K-BELLE CONSULTANTS, L.L.C.				
WBV-87.1	**Repair Actuators at Ames Pump Station**	12/28/2015		
WBV-88	**Lake Cataouatche PS #1 Discharge Pipe Modifications**	1/9/2015	8/4/2015	$320,000.00
Conquistador Dorado JV				
WBV-89	**Turf Repair for WBV-03b**	6/9/2014	10/11/2014	$94,595.00

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WBV-West Bank and Vicinity

WBV-90	**GIWW - West Closure Complex**	4/17/2009	12/7/2012	$6,973,040.00

Gulf Intracoastal Constructors

Construction of a 225-ft sector gate, 75-ft sluice gate; & 19,140 cfs pump station; t-wall on the edge of the 404c area; levee; & excavation/dredging for a gated closure south of the confluence of Harvey & Algiers canals. / This contract includes a 225-ft sector gate,75-ft sluice gate; & 19,140 cfs pump station; t-wall along the edge of the 404c area with a water-control structure across the end of the Estelle outfall canal; & excavation of the GIWW channel; levee tie-in; relocation of East Bayou Road; dredging of Algiers Canal for creating a gated closure south of the confluence of Harvey & Algiers canals. Includes approx 1 mile of T-wall and approx 1.5 miles of tie-in levee.

WBV-92	**Vegetation Control for WBV-49.1, WBV-48.2, WBV-6a.2 and WBV-47.1**	7/1/2015		
WBV-ARM-01	**WBV System Armoring (Eastern Tie-In) - WBV-90**	2/26/2015	11/18/2015	$1,518,735.00

Circle Inc.

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 0.7 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$1.5M.

WBV-ARM-02	**System Armoring (Westwego to Harvey -02) - 14f.2**	1/28/2015	12/17/2015	$5,107,800.00

Shavers-Whittle Construction

Project is located on the West Bank in Jefferson Parish, LA / Levee reach is approximately 2.6 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$5M.

WBV-ARM-03	**WBV System Armoring (WBV-MRL-1.2b)**	5/30/2017	2/28/2018	

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 0.90 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod. Armoring on this contract has been delayed due to High River impacts on the current levee construction work. Once on-going levee construction is completed, armoring will begin.

WBV-ARM-04	**WBV System Armoring (Levee Reach 17b.2)**	8/21/2015	12/23/2015	$1,035,930.00

Shavers-Whittle Construction

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 0.6 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$1M.

WBV-ARM-05	**WBV System Armoring (Eastern Tie-In) - WBV-09a,12**	2/22/2017	10/30/2017	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 1 mile long. Plaquemines Parish Government (PPG) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-ARM-06	**WBV System Armoring (Westwego to Harvey -02) - 14e.2**	8/31/2017	7/6/2018	

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 2.8 miles long. Southeast Louisiana Flood Protection Authority – West (SLFPA-W) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-ARM-07	**WBV System Armoring (Wego to Harvey 01) - 14b.2 & 14c.2**	5/1/2017	6/4/2018	

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 6.4 miles long. Southeast Louisiana Flood Protection Authority – West (SLFPA-W) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-ARM-08	**WBV System Armoring (Western Tie-In) - 71 & 72**	11/23/2015	10/15/2016	$5,075,200.00

Circle Inc.

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 3.8 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod. This contract was awarded for ~$5M.

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WBV-West Bank and Vicinity

WBV-ARM-09	**WBV System Armoring (MRL) 7.1**	9/23/2015	2/28/2017	$9,716,200.00

Circle Inc.

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 3.6 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod. This contract was awarded for ~$9.7M.

WBV-ARM-10	**WBV System Armoring (WBV-MRL-3.2)**	11/30/2017	2/28/2019	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 2.2 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod.

WBV-ARM-11	**WBV System Armoring (WBV-MRL-5.2)**	8/30/2018	11/29/2019	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 2.2 miles long. This contract is straight to armoring and includes the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod. Armoring on this contract has been delayed due to High River impacts on the current levee construction work. Once on-going levee construction is completed, armoring will begin. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod.

WBV-ARM-12	**WBV System Armoring (Levee Reach 18.2)**	3/27/2017	2/20/2018	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 2.7 miles long. Southeast Louisiana Flood Protection Authority – West (SLFPA-W) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-ARM-13	**WBV System Armoring (MRL) 6.1**	12/5/2016	7/31/2017	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 2.7 miles long. Plaquemines Parish Government (PPG) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM), Articulated Concrete Blocks (ACBs) and sod.

WBV-ARM-14	**WBV System Armoring (Levee Reach 16.2)**	4/10/2017	11/6/2017	

Project is located on the West Bank in Plaquemines Parish, LA. / Levee reach is approximately 0.15 miles long. Southeast Louisiana Flood Protection Authority – West (SLFPA-W) will lift the levee prior to armoring. SLFPA-W awarded the lift contract 28 Sep 16. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-ARM-15	**WBV System Armoring (Levee Reach 15a.2)**	5/26/2017	6/5/2018	

Project is located on the West Bank in Jefferson Parish, LA. / Levee reach is approximately 3.75 miles long. Southeast Louisiana Flood Protection Authority – West (SLFPA-W) will lift the levee prior to armoring. The armoring contract will include the installation of High Performance Turf Reinforcement Mat (HPTRM) and sod.

WBV-EVM-02	**Bayou Segnette - Environmental Mitigation**	9/22/2014	12/20/2016	$3,425,243.40

Hernandez Consulting, LLC

BLH-Wet Enhancement / This project features approximately 125 acres of BLH-Wet habitat enhancement. The habitat is being enhanced by eradicating invasive species within the project footprint and planting native BLH-Wet species.

WBV-EVM-03	**St. Charles - Environmental Mitigation**	1/5/2017	1/23/2019	

BLH-Wet/Swamp Preservation, BLH-Wet management, and BLH-Dry Enhancement / This project features 1,321 acres of BLH and swamp restoration, enhancement and preservation. Approximately 13 acres would be planted with upland BLH species; approximately 91 acres of wetland BLH would be actively managed and enhanced by monitoring and selective invasive species eradication; and approximately 1,217 acres of mixed BLH and swamp would be purchased and preserved. The project footprint is adjacent to a previously established Department of Justice conservation servitude.

WBV-EVM-04	**General Impacts BLH-Wet and BLH-Dry Mitigation Bank**	2/12/2015		

HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

Data as of: 12/16/2016 7:26:46 AM

Green=Actual Date

Contract No / *Prime Contractor*	Contract Name	Award Contract Date	Estimated Substantial Complete	Original Award Amount

WBV-West Bank and Vicinity

WBV-EVM-04a	**General Impacts BLH-Wet Mitigation Bank**	2/12/2015		
WBV-EVM-04b	**Avondale Gardens**	9/27/2016	6/30/2018	$7,094,196.06

Hernandez Consulting, LLC

920 Acres Protected Side BLH-Dry Enhancement / Approximately 920 acres of predominantly invasive and nuisance species would be eradicated and the area planted with native, high quality tree and shrub species. Due to the high density of invasive plant species, the project area would receive multiple herbicidal treatments prior to the initial planting. Approximately two months after the initial herbicidal treatment, the area would be mechanically cleared. Large native trees and shrubs would be preserved during the mechanical clearing process to the greatest degree practicable. Woody debris generated during the clearing operations would be chipped and left within the mitigation features.

Starting the following spring, multiple inspections and additional herbicidal treatments would be performed to ensure the project site is properly treated through the entire growing season. The winter after a full growing season of invasive species eradication and monitoring is completed, the mitigation area would be planted with native BLH tree and shrub species.

WBV-EVM-09	**General Impacts Flood Side BLH-Wet Lake Boeuf**	6/14/2018		
WBV-EVM-10	**General Impacts Flood Side Swamp Lake Boeuf**	6/14/2018		
WBV-EVM-56	**Yankee Pond & Geocrib**	12/15/2016	6/30/2018	

Marsh mitigation for General and Park/404c Impacts / Marsh restoration at Yankee Pond through filling pond with dredged material from Lake Cataouatche. Additional maintenance of rock dike and tree removal at Geocrib.

WBV-EVM-78	**Millaudon & Horseshoe Canal and Hwy 45 Borrow Pit**	7/26/2016	4/11/2017	$3,569,000.00

Tikigaq Construction, LLC

BLH and Swamp mitigation at Jean Lafitte for Park/404c Impacts / Swamp mitigation involves gapping Millaudon and Horseshoe canals to encourage water exchange and tidal influence in currently stagnant swamp. BLH mitigation involves partially filling in a borrow pit and planting with desirable blh species.

WBV-MRL-01.1	**Oak Point to Oakville**	4/2/2011	10/23/2011	$15,547,392.00

Cycle Construction Co., LLC

Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 5 feet. This contract reach includes the Chevron Oronite Plant and the community of Oakville. It is 15,700 LF, beginning at station 443+00 and extending down river to station 600+00

WBV-MRL-01.2A	**Augusta to Oakville (A)**	12/5/2013	12/5/2016	$34,536,510.00

Fed-Con Joint Venture

Resilient features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the community of Oakville. The scope includes the construction of approximately 5300 LF of floodwall.

WBV-MRL-01.2B	**Augusta to Oakville (B)**	3/14/2014	2/1/2017	$7,954,440.00

Tikigaq Construction, LLC

Resilient Features to proviede authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. The scope includes the construction of approximately 4500 L.F. of earthen levee.

WBV-MRL-02.2	**Oak Point to Augusta**	10/18/2013	7/3/2017	$48,372,000.00

Fed-Con Joint Venture

Resilient Features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the Chevron Oronite Plant. The scope includes the construction of approximately 7100 L.F. of floodwall.

WBV-MRL-03.1	**Belle Chasse to Oak Point**	4/2/2011	11/10/2011	$10,224,100.00

Merrick Construction Co.

Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 3 to 4 feet. It is 13,500 LF, beginning at station 310+00 and extending down river to station 445+00

HSDRRS Contract Listing

U.S. Army Corps of Engineers - New Orleans District

Data as of: 12/16/2016 7:26:46 AM

Green=Actual Date

Contract No / *Prime Contractor*	Contract Name	Award Contract Date	Estimated Substantial Complete	Original Award Amount

WBV-West Bank and Vicinity

WBV-MRL-03.2	**Belle Chasse to Oak Point**	11/21/2013	7/22/2016	$26,154,430.00

Clark Construction Enterprises, LLC

Resilient Features to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. The scope includes the construction of approximately 11,300 L.F. of earthen levee and approximately 800 L.F. of floodwall.

WBV-MRL-04.1	**English Turn Bend to Belle Chasse**	4/2/2011	1/18/2012	$6,244,000.00

Shavers-Whittle Construction

Interim Engineered Advanced Measure - Clay - Bring to design elevation. Provide 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately2 feet. This reach includes the Belle Chasse Ferry landing. It is 14,100, beginning at station 173+00 and extending down river to station314+00

WBV-MRL-04.2	**English Turn to Belle Chasse, Resilient Features**	11/18/2013	12/8/2016	$44,828,475.00

Conti Enterprises, Inc.

Permanent measures to provide authorized design section. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes Belle Chasse Ferry Landing. The scope includes the construction of approximately 7,100 L.F. of floodwall.

WBV-MRL-05.2	**English Turn to Belle Chasse, Plaquemines Parish, LA**	12/18/2013	2/1/2017	$13,087,038.00

American Southwest Electric

Resilient Features to provide authorized design sections. / This contract will provide increased resiliency and typical levee sections with maintainable side slopes. This contract reach includes the Coast Guard facility. The scope includes the construction of approximately 11,000 L.F. of earthen levee.

WBV-MRL-06.1	**Parish Line to English Turn Bend**	4/2/2011	10/26/2011	$4,436,350.00

Allen Wright Enterprises / Hamps Construction

Interim Engineered Advanced Measure - Soil Ridge - Bring to design elevation. Provide 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 1.5 feet. This contract reach includes the Coast Guard facility.It is 17,400 LF, beginning at the Plaquemines/Orleans Parish line station 0+00 and extends down river to station 174+00.

WBV-MRL-07.1	**West Crossover Pt. to Parish Line**	2/17/2011	3/5/2012	$2,408,649.27

Southern Services & Equipment, Inc.

Engineered Alternative Measure - raise levee to 100 year level of protection. / This contract will address HSDRRS deficiencies along the MRL by raising levee heights that are deficient by approximately 1 feet. It is 19,315 LF, beginning at station 552+10 and extending down river to station745+25 at the Orleans/Plaquemines Parish line.

WBV-WM-01	**Water Monitoring**	2/20/2017	8/4/2017	

Total # of Contracts:	**150**	**WBV-West Bank and Vicinity**	**Total Award Amount:**	**$1,641,170,818.36**