

**MINUTES OF THE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY–EAST
BOARD MEETING
THURSDAY, MAY 12, 2016**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority-East (Authority or SLFPA-E) was held on Thursday, May 12, 2016, in the Orleans Levee District Franklin Avenue Administrative Complex, Meeting Room #201, 6920 Franklin Avenue, New Orleans, Louisiana, after due legal notice of the meeting was sent to each Board member and the news media and posted.

Mr. Hassinger called the meeting to order at 11:10 a.m. and led in the pledge of allegiance. The roll was called by Mr. Kemp and a quorum was present:

PRESENT:

Lambert J. Hassinger, Jr., President
Stephen V. Estopinal, Vice President
G. Paul Kemp, Secretary
Clay A. Cosse'
Richard A. Luettich, Jr.
Kelly J. McHugh

ABSENT:

Jefferson M. Angers, Treasurer
Jack M. Capella

OPENING COMMENTS:

Mr. Hassinger reminded everyone that hurricane season begins on June 1st. He assured the public that the Authority's staff and the Hurricane and Storm Damage Risk Reduction System (HSDRRS) will be prepared to meet the challenges that may lie ahead during the hurricane season.

Mr. Hassinger advised that over the past months the Authority has recognized some of the employees who are essential to its success. The Board recognized Troy Scott, Orleans Levee District (O.L.D.) Operations and Maintenance Coordinator, as one of the key personnel critical to the Authority being able to meet its obligations to the public. Mr. Scott leads the largest Operations and Maintenance group at the O.L.D., consisting of four foremen and twenty other employees. This is the largest group at the O.L.D. and the group that requires the most training for new employees. During grass cutting season, strong leadership skills are required to know how to handle each individual to ensure that the levees are maintained as best as possible. Mr. Scott always carefully investigates before acting and management can always count on him to report conditions in the field. Mr. Scott and his group effectively transmit an enormous amount of information to other groups at the O.L.D. Mr. Scott is always generous with his time and always stands ready to help when needed. He is well respected by his colleagues

at the O.L.D., always takes time to listen to employees, works hard to give employees the best chance to be successful and takes pride in their work. Mr. Hassinger congratulated Mr. Scott for his outstanding 35-year career at the O.L.D. Mr. Scott was presented a Certificate of Commendation in recognition and appreciation for outstanding public service and commitment.

ADOPTION OF AGENDA:

A motion was offered by Mr. Estopinal, seconded by Mr. Luettich and unanimously approved, to adopt the agenda.

**RESOLUTION NO. 05-12-16-01 –
APPROVAL OF APRIL 21, 2016 BOARD MEETING MINUTES**

On the motion of Mr. Luettich,
Seconded by Mr. McHugh, the following resolution was offered:

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the minutes of the Board Meeting held on April 21, 2016.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Cosse', Mr. Estopinal, Mr. Kemp, Mr. Luettich and Mr. McHugh
NAYS: None
ABSENT: Mr. Angers and Mr. Capella

PRESENTATIONS:

**1. Upcoming Hurricane Season and Hurricane Storm Surge Products –
Frank Revitte, Warning Coordination Meteorologist, National Weather Service**

Frank Revitte, Warning Coordination Meteorologist for the National Weather Service (NWS), advised that he works in the Slidell office, which provides many of the local briefings to emergency management. Briefings are conducted two or three times each day during a hurricane event. Outside of hurricane season the office addresses preparedness with local emergency managers, assisting with preparedness plans and incorporating the latest hurricane and storm surge information.

Mr. Revitte explained that the late 1990's thru 2008 was an extremely active period for the Gulf coast. Five hurricanes passed within 65 to 70 miles of New Orleans. Two major hurricanes (Katrina and Ivan) required large scale evacuations. Other major storms (such as Lily) dissipated close to the coast. Tropical activity has quieted down and during the last seven years (2009 thru 2015) the Gulf coast experienced one hurricane (Isaac) and three tropical storms. He pointed out that although Isaac was not a major hurricane, it significantly impacted the area due to storm surge. He stressed the importance of preparedness at the local and community level.

Mr. Revitte reviewed the seasonal outlook for 2016.

	Average	Colorado State Released April 14	NOAA (Released late May)
Named Storms	12	12	??
Hurricanes	6	5	??
Major Hurricanes	2	2	??
Accumulated Cyclone Energy (ACE)	92	90	??

Mr. Revitte advised that with the current El Nino circulation in the Pacific Ocean, the feedback in the Gulf and Atlantic is typically higher, stronger upper level winds across the region that tend to diminish the potential for hurricanes to develop. The El Nino circulation is diminishing and there is a transitioning to more of a La Nina event. The transitioning out of the El Nino event is typically a positive for an active season. However, Atlantic waters in the tropics are cooler than normal, which is a negative. Therefore, the Colorado State University (CSU) group is forecasting a near normal season. Everyone will be watching how fast the El Nino circulation diminishes and the water level temperatures in the Caribbean and Atlantic. NOAA will release its forecast in late May. He cautioned that neither CSU nor NOAA can know what will specifically happen in a particular local area. He pointed out that there have been hurricane seasons that are very quiet as far as the overall numbers, yet an individual area could experience a significant impact, such as 1992 with Hurricane Andrew.

Mr. Revitte explained that tropical cyclone hazards include winds, storm surge, rainfall and inland freshwater flooding and tornados. He focused on storm surge. A research of tropical cyclone fatalities from 1963 thru 2012 revealed that about eight percent of the fatalities were wind related, 50 percent were storm surge related, and 25 percent were freshwater related (inland flooding and heavy rainfall causing flash flooding). Therefore, about 75 percent of all the tropical cyclone fatalities were related in some manner to (salt or fresh) water. Evacuations are driven by water related hazards (storm surge on the coast and inland fresh water flooding). Over half of the storm surge fatalities occurred in Louisiana and Mississippi. Hurricane warnings are issued based on wind; however, only 10 percent off the fatalities were related to wind. Over the past five to ten years the National Hurricane Center (NHC)/NWS has been working on the development of a warning specifically for the primary hazard of storm surge.

Mr. Revitte reviewed some of the products used both prior to hurricane season to identify risk areas and during a storm event:

- SLOSH Display Program [Maximum Envelope of Water (MEOW)] – This program has been used for the past 25 to 30 years and has been refined to produce a higher resolution graphic. Each area of the coastline can be exposed to a direct impact by a certain category of hurricane to determine the maximum inundation at each location. Water levels can be viewed in NAVD88 or above ground levels.

The program is used both prior to hurricane season for planning purposes and to determine vulnerabilities and in the early stages of a hurricane threat.

- Probabilistic Storm Surge (p-surge) Program – This is a more sophisticated program in which an individual storm track can be used to generate storm surge numerous times within a short period of time and produce a significant amount of storm surge information. It is used during a tropical storm/hurricane watch or warning. The program accounts for a change in track and forecast change. In addition to meteorological uncertainties (e.g., track, size, forward speed, intensity and change in tide), uncertainties based on historical errors can be used to develop a reasonable worst case scenario based on the current storm. This tool is used only during a tropical storm/hurricane watch and warning. The NWS developed a potential storm surge flooding map, which is based on the probabilistic surge (10 percent exceedance level) and presents a reasonable worst case scenario with a 90 percent confidence level that the surge will be one value or lower. The water level is presented in three foot increments above ground. The map can be produced about 80 minutes after an advisory is issued. At the current time the NWS has hatched out the HSDRRS on the map. Some information can be ascertained as to whether the HSDRRS could be overtopped by reviewing the Probabilistic Surge information and the MEOW. Discussions have taken place regarding labeling to indicate possible storm surge in the hatched area.
- Prototype Storm Surge Watch/Warning Graphic – This is the first step of the NHC/NWS attempt to develop a warning specifically for the primary hazard of storm surge. The graphic is being produced on an experimental level. The area of significant, life-threatening storm surge would be highlighted and the graphic would be issued about 48 hours in advance of a possible life-threatening surge. The graphic is a collaborative effort between the NHC hurricane specialists, storm surge experts and the local NWS office. The MEOW and Probabilistic Storm Surge information are used in a collaborative manner to delineate areas where life-threatening storm surge is anticipated. The HSDRRS could be highlighted if the surge models accurately present the potential for overtopping or a surge flood threat within the HSDRRS. The graphic can be used to communicate the surge potential within the HSDRRS to the public.

Mr. Revitte advised that social scientists were used in the development of the maps and presentation of information to the public regarding the communication of risks. He discussed the NWS's use of social media (website, Facebook, Twitter).

2. Status of Hurricane and Storm Damage Risk Reduction System (HSDRRS) Gap Closure Plan – U.S. Army Corps of Engineers (USACE)

Brett Herr, USACE Project Manager, provided the status of several projects in addition to information regarding the gap closure plan for the 2016 hurricane season:

- West Return Floodwall Landside Runoff – After Hurricane Katrina the USACE constructed the new West Return Floodwall. The new floodwall was offset about

35 feet west of the previous floodwall, which increased the amount of runoff. After the floodwall was constructed, the USACE constructed a landside runoff system that was designed to collect rainfall and funnel it to the existing Parish drainage system. On several occasions the system did not function as designed. The swale overflowed and several homes received water.

- West Esplanade Avenue to Parish Line Pump Station - The USACE focused its initial efforts in the area where the most serious issues were identified between West Esplanade Avenue and the Parish Line Pump Station (approximately 4,000-ft. in length) and determined that the solution is to increase the storage capacity of the swale. The area between the swale and property line is limited; therefore, vinyl sheet pile is being driven to a top elevation of -0.4-ft. The sheets are 10 to 14-ft. long with an average stickup of two to three-feet. The solution is designed for a ten-year rainfall event (about 9 inches of rain over a 24-hour period). The USACE's analysis determined that no overtopping should occur in a 100-year rainfall event (about 13-inches over a 24-hour period). The USACE's contractor has thus far driven about one-third of the sheet pile and the project is anticipated to be completed in two months. The contractor will cap the sheet pile after all of the piles are driven. Geosynthetic and gravel will be placed between the wall and the adjacent property line to facilitate maintenance.
- North of Vintage Drive - The designs for the area north of Vintage Drive have been completed. The USACE's existing contract will be modified to include raising the existing bank closest to the property line by about one-foot. The modification would increase protection to about the 100-year rain event. Cuts will be constructed at West Esplanade Avenue and Vintage Drive. If water becomes too high in the swale, it would flow out of the cuts and into the street. The elevation of the swale will be lower in the middle of the reach north of Vintage Drive so that water can flow into the green space if the capacity of the swale is exceeded.
- Permanent Canal Closures and Pumps (PCCP) – Interim control structures were constructed by the USACE after Katrina at the 17th Street, Orleans Avenue and London Avenue Outfall Canals. The USACE is currently constructing the PCCP at each of the three canals. The interim structures will be removed after the permanent structures are completed.
 - 17th Street Canal –The PCCP is scheduled for completion in September, 2017. The pumps will have a capacity of about 12,500 cubic feet per second (cfs). A gap was cut to tie the new line of protection into the existing line of protection. The tie-in and closure of the gap will be completed by June 1st.
 - London Avenue Canal – The PCCP is scheduled for completion in August, 2017. The pumps will have a capacity of about 9,000 cfs. Upon completion of the bypass gate structure, the existing floodwall will be reduced from an elevation of +16-ft. to +5-ft. in order to tie in the new line of protection from the pump station. The 50-ft. long cut is scheduled to occur in early June.

The contractor's plan to close the gap in the event of a hurricane threat must be approved by the USACE prior to the cut taking place. A copy of the plan will be provided to the CPRA, SLFPA-E and O.L.D. The contemplated plan consists of driving steel sheet pile to an elevation of 16-ft. to maintain the line of protection along the canal prior to the arrival of tropical force winds. Embankment will be built behind the sheet pile and grout will be poured between the existing floodwall and newly driven sheet pile. Supersized sand bags will then be placed to an elevation of about +10-ft. to brace the sheet pile.

- Orleans Avenue Canal – The PCCP is scheduled for completion in April, 2017. Upon completion of the bypass gate structure, the new line of protection will be tied into the existing line of protection, which will require a cut similar to the one at the London Avenue Canal. The 50-ft. long cut is scheduled to occur in September. The contractor must have an approved plan in place prior to the cut taking place. Work is on-going at the current gap where the new line of protection is being tied into the existing line of protection and the gap will be closed by June 1st.
- IHNC Surge Barrier Barge Gate – Two items were identified that impact the ability to operate the Barge Gate: 1) the fairleads on the gate, which have been replaced and are now operational, and 2) rust that was discovered in the windlass tanks. A plan was developed to replace the tanks and ensure that no damage has been caused by particulates that may have gotten into the hydraulic fluid; however, the plan has not yet been approved. The USACE will provide a letter to the CPRA/SLFPA-E stating that the Barge Gate can remain in the closed position until the necessary repairs have been completed.
- Seabrook Complex Structure – Issues were discovered during inspection of the vertical lift gates relative to paint. The USACE awarded a contract to repaint the gates. The gates have been moved off site for repainting and will be reinstalled and operational by June 1st.
- Bayou Bienvenue Bridge –The swing bridge, which provides access to the LPV 145 floodwall, has been completed and a pre-final inspection was held on April 27th.

Mr. Hassinger commented that the USACE continues to demonstrate great partnership with the SLFPA-E on many of the issues discussed in the presentation. He expressed his appreciation for the USACE's efforts to partner with the SLFPA-E.

Mr. Luettich inquired about a reported drainage pipe problem in the West Return Wall Landside Runoff drainage system. Mr. Herr explained that this issue has been included in the USACE's current contract. The contractor will remove and replace some of the piping and add another inlet to ensure adequate air relief.

PUBLIC COMMENTS:

Craig Berthold stated that on May 3rd an anonymous letter with no return address was sent to all the homeowners on the levee side of Bellaire Drive. It contained a receipt and release of the settlement documents from the Lonatro versus O.L.D. case. None of the plaintiffs received this document, but their names, addresses and signatures were included along with the amount of the settlement with no mention of the \$300,000 in legal fees incurred by the plaintiffs, which gives a completely misleading and inaccurate division of the compensation. He stated that he is one of the plaintiffs whose information was given out. The letter recklessly encouraged the homeowners who would not get involved in the Lonatro versus O.L.D. case to now get their share of the compensation with no mention of the costly eight year emotionally and financially draining legal struggle. This letter was sent to create hardship for the current Authority and to single out and harass the plaintiffs who fought the Authority for compensation. He stated that he wanted the Board to know that the plaintiffs are extremely grateful to the leadership of the Authority for resolving the issues without continuing the trial that was set for last November. This manipulative and secretive letter was not sent by any of the plaintiffs. He stated that the plaintiffs did a public records request and found that outside of counsel, the only other person with this information is former SLFPA-E President Tim Doody, who filed his own public records request for the receipt and release documents on March 14th—three days after he and Carol Byram complained to the nominating committee about sending Tim Doody's name forward for the St. Bernard position on the Authority. Mr. Berthold stated that he did not say anything personal about Mr. Doody's character, but brought up his dangerous longevity, poor decision making, and oppressive and secretive management style. He stated that he came here today to include this information in the public record. He stated that Tim Doody and John Barry have always taken a perverse and unhealthy interest in the Lonatro case and that they continue to do so even though they have been off the Authority for two years. He stated that last spring Mr. Barry sent a message to all current Commissioners at that time, the day before the mediation, encouraging the Commissioners not to settle with the plaintiffs. A few weeks ago Mr. Barry sent out a message to the nominating committee criticizing the current Authority about their involvement in resolving the plaintiffs' issues. He stated that in all his years on the Authority, Mr. Barry was never curious about any of the details of the Lonatro case, including the basic self-argument involving the two City ordinances that did not even apply to the property in question. He stated that the only aspect of the case that Mr. Barry has ever been curious about, which was personally communicated by Mr. Barry to him a few months ago, was about how much money the plaintiffs received. He commented that the Board's Executive Counsel can document the letter and the various public records requests. The settlement was approved by every Commissioner last fall. He stated that he personally felt bad for any minor inconvenience this may cause the Authority for taking the high road and helping the plaintiffs resolve this issue.

Carol Byram commented concerning the anonymous envelope containing a confidential settlement that Mr. Doody obtained through public records that was sent to property owners along the 17th Street Canal. She commented that it was obvious Mr. Doody's

fingerprints were all over this bizarre attempt to stir up the residents and retaliate against the Authority and the plaintiffs. It was suggested in the anonymous note that the residents might want to consult an attorney to preserve their rights. She asked was Mr. Doody talking about the rights that he had taken from them when he stole their property in the first place, in her opinion, and then for ten years worked obsessively to keep anyone from getting justice and compensation. She stated that this obsession must have clouded his mind or he would have realized that probably the prescription time had run out for those residents. All residents were given multiple opportunities to join the lawsuit, but they chose not to join. Also, one-third of the residents lost nothing and some lost only one or two feet of property. Over half of the residents were never eligible because they bought their properties after the servitude was created in August, 2006. She stated that other than the residents next to the breach, Roy Arrigo, Craig Berthold, herself and several others lost far more than anyone else along the canal. She stated that this was not the only motivation that kept the plaintiffs going. She commented on the feeling of security and peace that was so easily and unjustly taken away from the residents. She asked how could one man without any technical expertise have been allowed to control the lives of so many good people. She stated that he shared that power over the residents only with his lawyers while shutting out the Commissioners and the evidence. She commented on the toll that was taken on her and her family. She stated that this kind of action cannot be allowed to happen again. She asked that the Board try to preserve the transparency and the uplifting progress of the current Authority.

Beverly Crais explained that her residence backs up to the West Return Floodwall and landside drainage system. She stated that some of her questions were answered when Mr. Herr was questioned about the work to be done on the reach (section three) behind her residence. She commented that the swale located in section three continues to fill up and that water continues to come around the berm. She stated that she hoped that the work to be done on the piping will correct the problem. She stated that the first time that her property received flooding was in April, 2014, and that she has had to deal with this problem for over two years.

COMMITTEE REPORTS:

Finance Committee: The Finance Committee did not meet in May, 2016.

Operations Committee: The Operations Committee did not meet in May, 2016.

Legal Committee: The Legal Committee did not meet in May, 2016.

CPRA: Ms. Scott advised that the CPRA-Board will meet next week.

Coastal Advisory Committee: Mr. Kemp reported that the Coastal Advisory Committee met on April 21, 2016. The Committee discussed the potential for using the Central Wetlands as a secondary storage area for water originally coming into the IHNC Basin. The concept was identified as a risk reduction method for dealing with risk

beyond the 100-year storm event surge to relieve stress on the legacy I-walls along the IHNC. He pointed out that the USACE's operations manual and plan deal with the 100-year storm event surge and waves; however, there is no plan for a larger storm surge event. The SLFPA-E is attempting to make the 100-year storm protection as resilient as possible through armoring and levee lifts. He commented that it is only prudent to develop operational options or temporary emergency deviations that are well thought out and engineered in advance of a storm. One option is the concept of using the 30,000 acre Central Wetlands for potential storage in order to limit a rising water level in the IHNC. The IHNC is about one-tenth of the surface area of the Central Wetlands; therefore, one foot of water transferred from the IHNC through the Bayou Bienvenue Control Structure gate into the Central Wetlands would raise the water level in the Central Wetlands by about 1-1/2-inches. Discussions also took place in the Committee meeting regarding the restoration of the Central Wetlands. The restoration of the Central Wetlands would become particularly important should it become a component of the SLFPA-E's emergency preparedness plan.

REGIONAL DIRECTOR'S REPORT:

Robert Turner, SLFPA-E Regional Director, reviewed the highlights of the Regional Director's Report (copy appended to minutes).

- Seabrook Complex Gate Structure - The gate leafs will be repainted, replaced and fully functional by June 1st. The hydraulic cylinders for the gates have been shipped for inspection and for any repairs that may be found necessary during the inspection. The contractor will reinstall the cylinders when the gates are reinstalled.
- IHNC Surge Barrier –The O.L.D.'s hydrographic survey of the area along the Surge Barrier detected a scour hole at the point where sheet pile was driven across a construction access channel dug parallel to the Surge Barrier. The sheet pile is perpendicular to the Surge Barrier, but does not tie into the barrier. The gap between the barrier and the sheet pile has allowed the creation of a scour hole. A distress report was developed and submitted to the USACE and CPRA. Technical assistance has been requested to ensure that the scour does not compromise the stability of the Surge Barrier, particularly during a loaded flood event, and to re-investigate the root cause of the scour and develop a procedure or method to address the issue so that it does not reoccur after it is repaired.
- Bayou Bienvenue Swing Bridge – The bridge provides access to a six mile stretch of levee and floodwall between Bayou Bienvenue and Bayou Dupre and to the IHNC Surge Barrier. The U.S. Coast Guard permit requires that that Bayou Bienvenue Control Structure be closed prior to the bridge being swung into place in order to limit navigation in the vicinity of the closed bridge.
- Mississippi River Flood Fight – Phase One of the Flood Fight has recommenced. The river stage at the Carrollton Gage is currently +11.4-ft. The river is predicted to rise to a little above 12-ft. by about May 20 and then drop.
- Pontchartrain Beach – Sand is currently being stored at the old Pontchartrain Beach site (located behind the University of New Orleans) as part of the Lake Pontchartrain

Basin Foundation's effort to rebuild the beach. The sand will be spread once the required permits are in place.

- Ten-Year Capital Plan – A draft Ten-Year Capital Plan has been developed and will be disseminated for review. The plan includes major projects, such as the reanalysis of surge levels for the HSDRRS and recertification of the flood protection system prior to 2023.
- 2016 Regional Hurricane Table Top Exercise – The table top exercise will be conducted on May 17th at the USACE New Orleans District office.
- GIWW Joint Hurricane Team Pre-Season Meeting – The meeting will be hosted by the Port of New Orleans on May 31st.

Mr. Estopinal commented that he noticed that the operation of the Bayou Bienvenue and Bayou Dupre gates has become more frequent due to increasing tide frequencies and the extremely high subsidence rate in the Central Wetlands. Several businesses are located along Paris Road that are dependent upon the ability to navigate vessels into the Gulf of Mexico. The businesses will be significantly impacted by the increasingly frequent gate closures. In addition, the area along Paris Road is subsiding at a high rate geologically. He warned that the time may come when a decision is required to either construct locks for marine traffic, in lieu of the gated structure, along with a pumping station or rebuild Paris Road. He stressed the seriousness of this situation and recommended that a first step would be to analyze the subsidence rate for this isolated area. He added that he has some historical data, but no current data, on the subsidence rates. Mr. Turner commented that the SLFPA-E may wish to initiate a study to recover the bench marks and obtain updated elevations. Mr. Hassinger requested that Mr. Turner develop some ideas relative to this issue and bring them to the Operations Committee.

EXECUTIVE COUNSEL'S REPORT:

Nyka Scott, SLFPA-E Executive Counsel, provided the following report:

- Several Cooperative Endeavor Agreements and Memorandums of Understanding are in the negotiation process.
- Mediation was conducted last week on the O.L.D. Safehouse litigation. Executive Counsel is attempting to negotiate a settlement.
- The contract with Arcadis to conduct a literature review and model inventory on the GIWW-IHNC corridor has been finalized. The contract with Weatherflow, Inc. for installation of a "hardened" weather station at the Bayou Bienvenue Lift Gate is in the process of being finalized.
- A number of Human Resource (HR) issues have come up over the past month. The Legal Department is working thru the issues.
- Approval of one of the two O.L.D. cell tower lease extensions is being recommended. The second cell tower lease extension is being deferred pending discussion relative to a potential buyout of the lease.

- House Bill (HB) 629 concerning a Constitutional millage for the SLFPA-E has not yet been scheduled for committee consideration. Board members will be notified when the bill is scheduled in the event that a Commissioner wishes to testify before the legislative committee. HB 1149 concerning Board member terms and Lake Borgne Basin Levee District (LBBLD) drainage moved out of committee. The bill was amended to allow the re-nomination of a former Board member after sitting out four years from the completion of their last consecutive term and to allow the LBBLD to divest itself of drainage responsibilities. The SLFPA-E will continue working with St. Bernard Parish Government relative to drainage responsibilities. The full vote of the House is anticipated to take place on the bill shortly.
- Thirteen applications for grants were submitted last month by the SLFPA-E's Grants Administrator. Grant applications were submitted for security systems for major pieces of flood protection infrastructure, new radios which are required due to frequency issues, seawall erosion control and bullet proof vests for police officers. The Grants Administrator is currently working on a FEMA grant application for future levee lifts and a grant to digitize O.L.D. historic documents. She is continuing research for grants on levee imaging, wetlands restoration and IT infrastructure.

NEW BUSINESS:

RESOLUTION NO. 05-12-16-02 - APPROVAL OF LEGAL SERVICES INVOICES

On the motion of Mr. Estopinal,
 Seconded by Mr. Kemp, the following resolution was offered:

WHEREAS, the legal services invoices submitted to the Southeast Louisiana Flood Protection Authority-East (SLFPA-E), East Jefferson Levee District, Lake Borgne Basin Levee District and Orleans Levee District listed on the spreadsheet entitled "Legal Invoices Approved on May 12, 2016", have been reviewed and approved by the appropriate levee district Executive Director, the SLFPA-E Regional Director and the SLFPA-E Executive Counsel, and provided to members of the Legal Committee.

BE IT HEREBY RESOLVED, that the legal services invoices listed on the spreadsheet entitled "Legal Invoices Approved on May 12, 2016" are hereby approved.

The foregoing was submitted to a vote, the vote thereon was as follows:
 YEAS: Mr. Cosse', Mr. Estopinal, Mr. Hassinger, Mr. Kemp and Mr. Luettich
 NAYS: None
 ABSENT: Mr. Angers, Mr. Capella and Mr. McHugh

RESOLUTION NO. 05-12-16-03 - APPROVAL OF EMERGENCY OPERATIONS PROCEDURES MANUALS AND COMPREHENSIVE EMERGENCY MANAGEMENT PLAN

Mr. Turner advised that the majority of the manual updates this year related to contact information. Minor changes were made to the East Jefferson Levee District (EJLD) manual and the SLFPA-E Comprehensive Emergency Management Plan. The SLFPA-E will attempt to overhaul all of the manuals next year so that all of the entities will be consistent relative to trigger points.

On the motion of Mr. Kemp,
Seconded by Mr. Estopinal, the following resolution was offered:

WHEREAS, Louisiana Revised Statutes, Title 38, Section 319, mandates that each Board of Commissioners of each Levee District prepare and regularly review its emergency procedures manuals; and

WHEREAS, the staffs of the Orleans Levee District (O.L.D.), the Lake Borgne Basin Levee District (LBBLD) and the East Jefferson Levee District (EJLD) have each reviewed and updated their respective Emergency Operations Procedures Manual; and

WHEREAS, a Comprehensive Emergency Management Plan has been developed for the Southeast Louisiana Flood Protection Authority-East and for the levee districts under its jurisdiction.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) approves the Comprehensive Emergency Management Plan (the Plan) and the revised O.L.D., LBBLD and EJLD Emergency Operations Procedures (EOP) Manuals for 2016, and authorizes all actions under the Plan, the EOP Manuals and the Statute.

BE IT FURTHER RESOLVED, that the President, SLFPA-E Regional Director or Executive Director of the O.L.D., LBBLD and EJLD for their respective levee district, are hereby authorized to sign any and all documents necessary to carry out the above.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Cosse', Mr. Estopinal, Mr. Hassinger, Mr. Kemp and Mr. Luettich
NAYS: None
ABSENT: Mr. Angers, Mr. Capella and Mr. McHugh

RESOLUTION NO. 05-12-16-04 - A RESOLUTION OF THE SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY- EAST AUTHORIZING THE SLFPA-E PRESIDENT OR THE EJLD EXECUTIVE DIRECTOR TO EXECUTE A SERVITUDE AGREEMENT IN FAVOR OF ENTERGY LOUISIANA, INC.

Derek Boese, EJLD Executive Director, advised that the Entergy servitude is to support the new Airport Terminal being constructed behind the EJLD's property on Lesan Drive.

On the motion of Mr. Estopinal,
Seconded by Mr. Cosse', the following resolution was offered:

WHEREAS, Entergy Louisiana, Inc. (Entergy) is in the process of installing, replacing and/or maintaining electric power and communications facilities at the Louis Armstrong International Airport (the Airport); and

WHEREAS, the EJLD owns a piece of property on Lesan Drive in Kenner, LA that abuts the Airport and has been identified in survey documents as being situated in the Town of Kenner, Jefferson Parish, State of Louisiana, located in Sections 38 and 85, Township 12 South – Range 9 East, North of the CN Railroad Right of Way and East of the St. Charles Parish – Jefferson Parish Line; and

WHEREAS, Entergy has determined that in order to install, replace and/or maintain the electric power and communications facilities at the Airport, it will need a servitude over the EJLD property located on Lesan Drive; and

WHEREAS, Executive Counsel recommends that the Southeast Louisiana Flood Protection Authority-East agree to the servitude; and

WHEREAS, it is necessary for Lambert J. Hassinger, President of the Southeast Louisiana Flood Protection Authority-East Board, or Derek Boese, Executive Director of the EJLD to execute any and all documentation to effectuate the servitude.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East hereby agrees to the execution of a servitude over property owned by the East Jefferson Levee District and located on Lesan Drive, abutting the Airport.

BE IT FURTHER RESOLVED, that the President of the Southeast Louisiana Flood Protection Authority-East or Executive Director of the EJLD, is authorized to execute any and all documentation to effectuate the servitude.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Cosse', Mr. Estopinal, Mr. Hassinger, Mr. Kemp and Mr. Luettich

NAYS: None

ABSENT: Mr. Angers, Mr. Capella and Mr. McHugh

RESOLUTION NO. 05-12-16-05 - A RESOLUTION OF THE SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY- EAST AUTHORIZING THE SLFPAE PRESIDENT OR THE O.L.D.EXECUTIVE DIRECTOR TO EXECUTE AN EXTENSION AND/OR AMENDMENT TO THE COMMUNICATIONS SITE LEASE AGREEMENT BETWEEN O.L.D. AND CROWN CASTLE

Ms. Scott advised that the resolution before the Board provides for the consideration of a lease extension only with Crown Castle. The current lease with Crown Castle terminates in approximately eight years. She reviewed the conditions of the extension with the Board, and, in addition to the conditions listed in the resolution, noted that Crown Castle has agreed to make a lump sum payment to the O.L.D. in the amount of \$10,000 for the extension. The Lease Agreement provides for a 20 percent increase in the monthly amount after the termination of each lease term. Crown Castle also requested the right-of-first refusal should the O.L.D. receive an offer to purchase fee

title, easement or lease in the leased area, and an option to add additional land to the existing leased area for an additional monthly lease payment. Ms. Scott advised that she and Gerry Gillen, O.L.D. Executive Director, discussed the terms and recommend approval.

On the motion of Mr. Cosse',
Seconded by Mr. Estopinal, the following resolution was offered:

WHEREAS, the Orleans Levee District (OLD) currently leases a parcel of land, together with certain easements for access and public utilities, under a Communications Site Lease Agreement dated August 8, 1996, such parcel used for operation of a cell tower; and

WHEREAS, the existing Lease will expire in eight (8) years; and

WHEREAS, the existing Lessee, Crown Castle, has approached the OLD seeking to extend the lease, which is necessary to attract sub-tenants; and

WHEREAS, in exchange for extending the terms of the Lease for six (6), five (5) year terms, Lessee has proposed a lump sum payment, in addition to the base monthly rent and a 20% revenue share for all new sub-tenants; and

WHEREAS, the OLD has concluded from its consideration of financial and other terms of the offers, and the uncertainties inherent in long term leases, that an amendment to the current lease will provide additional income, a revenue sharing component, and a longer guarantee of base rent if the OLD chooses to renew the Lease at the end of each 5-year term; and

WHEREAS, the OLD and the Lessee desire to amend the terms of the Lease to extend the term and make other changes that are set forth in the amendment.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East (the Authority), acting as the governing authority of the OLD, agrees:

1. That the President or Executive Director of the OLD is authorized to sign any and all documents to effect the amendment to the Communications Site Lease Agreement with Crown Castle, subject to the final approval of the Authority's Executive Counsel.
2. That the OLD be authorized to enter into an amendment of the Communication Site Lease Agreement under terms as described in Exhibit A, attached and made part of this resolution.
3. That the President of the Authority or the Executive Director of the OLD is and they are hereby authorized and empowered to execute any and all documents necessary to accomplish the above purposes.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Cosse', Mr. Estopinal, Mr. Kemp, Mr. Luetlich and Mr. McHugh

NAYS: None

ABSENT: Mr. Angers and Mr. Capella

**RESOLUTION NO. 05-12-16-06 –
APPROVAL OF LBBLD FY 2016 BUDGET AMENDMENT**

Nick Cali, LBBLD Executive Director, advised that the revisions to the Fiscal Year (FY) 2016 Budget are based on changes to anticipated revenues and expenditures. The budget deficit of \$200,000 is due to the Forbearance Agreement payment.

Mr. Luettich inquired about the increase to the Machinery and Equipment line item. Mr. Cali responded that some of the increase is related to adjustments due to the implementation of the new chart of accounts and some of the increase is related to pump station repairs at Pump Station Nos. 5, 2 and 3.

On the motion of Mr. Estopinal,
 Seconded by Mr. Luettich, the following resolution was offered:

WHEREAS, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) has reviewed the operating results to-date which indicate that budget revisions to the Lake Borgne Basin Levee District Operating Budget for Fiscal Year ending June 30, 2016 are necessary to comply with applicable state law, which requires that budgets be changed to reflect new expectations; and

WHEREAS, funding in the following amounts is required as detailed by the line item budget for Fiscal Year Ending June 30, 2016.

**LAKE BORGNE BASIN LEVEE DISTRICT
 AMENDED BUDGET
 FOR FISCAL YEAR ENDING JUNE 30, 2016**

<u>REVENUES:</u>	CURRENT BUDGET	AMENDED ITEMS	AMENDED BUDGET
Taxes	\$ 3,587,500	(42,500)	3,545,000
Intergovernmental	177,000	700,000	877,000
Insurance proceeds	60		60
Charges for services:			-
Permits	1,800		1,800
Rents and leases			-
Oil and gas royalties			-
Investment income	5,240		5,240
Cost sharing allocations from affiliates			-
Miscellaneous			-
Total revenues	3,771,600	657,500	4,429,100
 <u>EXPENDITURES</u>			
FLOOD AND DRAINAGE PROTECTION:			
Personnel services	2,320,000	(175,800)	2,144,200

Travel		1,000	(400)	600
Contractual services		42,600	841,650	884,250
Materials and supplies		373,000	(44,600)	328,400
Professional services		170,200	(42,200)	128,000
Other charges		621,150	(421,150)	200,000
Cost sharing allocations to affiliates		193,650		193,650
Machinery and equipment		50,000	700,000	750,000
Hurricane expenses				
Total expenditures		3,771,600	857,500	4,629,100
Excess of revenues over expenditures	\$	0	(200,000)	(200,000)
OTHER FINANCING SOURCES (USES)		0	0	0
NET CHANGES IN FUND BALANCES	\$	0	(200,000)	(200,000)
CASH BALANCE AT BEGINNING OF YEAR		4,004,300	195,700	4,200,000
CASH BALANCE AT END OF YEAR	\$	4,004,300	(4,300)	4,000,000

BE IT HEREBY RESOLVED, that the revisions to the Lake Borgne Basin Levee District Fiscal Year Ending June 30, 2016 Budget are approved.

The foregoing was submitted to a vote, the vote thereon was as follows:

YEAS: Mr. Cosse', Mr. Estopinal, Mr. Kemp, Mr. Luettich and Mr. McHugh

NAYS: None

ABSENT: Mr. Angers and Mr. Capella

Wilma Heaton, SLFPA-E Director of Governmental Affairs, reminded the Board that the disclosure forms must be filed by May 15th. She advised that one of the Fixed Base Operators at Lakefront Airport donated \$25,000 of private funds to the Lake Pontchartrain Basin Foundation's effort to rebuild the old Pontchartrain Beach site. She invited Board members to the ceremony to officially welcome U.S. Customs and Border Protection back to the New Orleans Lakefront Airport, which will be held on Thursday, June 9th.

Mr. Boese invited Board members to the EJLD Employee Appreciation and Safety Function to be held on Thursday, May 26th.

The next regular monthly Board Meeting will be held on June 16, 2016 and hosted by LBBLD.

There was no further business; therefore, the meeting was adjourned at 12:15 p.m.

SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST

REGIONAL DIRECTOR’S REPORT

May 12, 2016

HSDRRS Project Status Update

IHNC-01 – Seabrook Complex The steel Vertical Lift Gates (VLGs) are being blasted and repainted off-site by the Corps’ contractor. They are scheduled to be put back in place before June 1, 2016.

Orleans Levee District has contracted with Hydradyne, LLC to fully inspect the lift gate hydraulic cylinders prior to reinstallation by the Corps.

IHNC-02 – Lake Borgne Surge Barrier We continue working with USGS and the Corps to rectify the problem with the Corps’ current velocity meters at the GIWW Sector Gate. USGS and the Corps have not yet made the necessary changes to obtain accurate real-time velocity readings.

We received a written proposal from Arcadis to conduct a literature review and model inventory on the GIWW-IHNC corridor. We are executing a contract with Arcadis (Not to Exceed \$47,300) to complete this work.

The Corps is preparing to refurbish the two windlasses on the Bypass Barge Gate and replace the rusted hydraulic oil tanks. We are awaiting the Corps’ work schedule.

Multi-beam hydrographic surveys were taken along the surge barrier on April 28, 2016. The surveys show a scour hole is developing along the flood side of the barrier about 1,000’ south of the Sector Gate in an area where a sheet pile wall was terminated about 3’ shy of the barrier. The hole is 12’-14’ deeper than the surrounding channel bottom and extends 6’-12’ out from the flood side face of the barrier. A distress report was submitted to CPRA and the Corps on May 10, 2016. The report requests technical assistance from the Corps to investigate impacts to wall stability and provide a remediation plan if necessary prior to the start of the 2016 hurricane season.

LPV-03.2B – West Return Wall North of I-10 The March 16, 2016 response from the Corps on the distress report we filed regarding the seepage that occurs during high lake levels at the Grand Lake Drainage Pump Station says the seepage is an O&M issue and will not affect the stability of the wall. In response, East Jefferson Levee District & CPRA questioned the previous grouting effort at that location and requested a reassessment of the Corps’ most recent response. There is no indication of floodwall distress at this time, and we continue to monitor the situation.

LPV-03.2b.1- Landside Runoff The Corps' contractor is installing vinyl sheet pile on the reach south of W. Esplanade Ave. Approximately one third of the pilings have been installed so far.

The Corps is preparing plans for additional work on sections north of West Esplanade Ave, which will include relocating the existing swale (North of Vintage) approximately 20' closer to the floodwall.

LPV-144A – Removal of Old Bayou Dupre Gates The pre-construction meeting for this project was held on May 10, 2016. Under this project, the contractor will remove the existing steel sector gate leafs and replace them with a fender system. The existing concrete structure will remain.

LPV-145A – Bayou Bienvenue A pre-final inspection was held on April 27, 2016, and the bridge worked with no problems. A punch list was prepared noting minor deficiencies that must be repaired by the contractor prior to contract completion. Training and final inspections are scheduled for May 12, 2016.

LPV-149 – Caernarvon Structure The Corps has issued a contract for repainting the Sector Gate leafs to address peeling paint problems discovered after the Notice of Construction Complete (NCC) was issued. Work will not commence until November of 2016 to allow marine businesses in the area to plan for the closure of the Caernarvon Canal.

OFC-07 London Avenue and 17th Street Remediation We are working with the Corps to make sure all remaining turf issues are resolved in section 35B on London Canal. The OLD has begun normal maintenance activities on all other sections.

Permanent Canal Closures and Pumps (PCCP) A status update for the three pump stations was sent to all Commissioners on May 6, 2016. The Corps has requested an extension of the Authorization for Entry (AFE) for the new structures to December 31, 2018. Construction of the new facilities is expected to be completed before then, but the decommissioning of the temporary structures will require the use of the same general area up through December 31, 2020.

A meeting was held with the Corps on May 2, 2016, to discuss required temporary openings in the existing floodwalls along the London Avenue and Orleans Avenue Canals to allow for construction of new T-Walls. The existing wall will be temporarily degraded to elevation +5.5. The Corps and their contractor are finalizing emergency closure plans for the wall openings for the upcoming hurricane season. The closures will be discussed by the Corps at today's Board meeting.

Please check the New Orleans District web site at www.mvn.usace.army.mil/missions/hsdrrs/pccp.aspx for details and regular updates on this last, major HSDRRS perimeter project.

SBPS-07 – Repairs to LBBLD Pump Stations #2 and # 3 The major work at Pump Station #3 is complete. The contractor is completing the work at Pump Station #2. A contract modification must be finalized to add a stop log gate near Station #2.

Armoring Work continues on the Orleans lakefront levees (ARM-02) and the New Orleans East Levee (ARM-04). A status update on all Armoring projects was sent to all Commissioners on May 9, 2016.

The Corps has provided SLFPAE with a cost estimate of \$2.8M for adjusting all of the land side levee slopes on LPV-111.01 to 1V on 3H. SLFPAE has requested that the Corps add this work to the upcoming armoring project at full federal expense.

Levee Lifts Prior to USACE Armoring We are pushing ahead with plans to raise some levees, at local cost, before they are armored. The intent is to save millions of dollars in future armoring replacement costs by raising the lowest levees now in advance of armoring in order to extend the life of armored levees. SLFPA-E and CPRA have been working with the Corps to complete the Environmental Assessment and secure the necessary USACE Section 408 Permits.

Three design firms are now under contract with SLFPA-E to prepare plans and specs for the levee raisings in EJLD and N.O. East. The status of each projects is listed below:

1. LPV 00.2 P&S are complete and waiting for USACE-MVN submittal to USACE-MVD. Anticipate receiving 408 permit from USACE in July 2016. CUPs permit in hand.
2. The 100% LPV 1.1 and LPV 2.2 designs from our AE Firm were submitted to USACE-MVN on April 25, 2016. The CUP for this project is under review and we anticipate receiving the permit by mid-May. USACE-MVN to submit to USACE-MVD in June for 408 Approval.
3. The 100% LPV 19.2 and LPV 20.1 designs from our AE Firm were submitted to USACE-MVN on April 25, 2016. The CUPS permit in hand. USACE-MVN to submit to USACE-MVD in June for 408 Approval.
4. EA for LPV 109, and LPV 111 to be submitted to USACE-MVN May 18th 2016.
5. LPV 109.02 is being designed by our AE Firm and the 95% P&S will be ready to submit to USACE-MVN by May 27, 2016. We will submit for CUPs permit in mid-May.

6. At the request of SLFPA-E, the Corps has agreed to raise approximately 4,000LF of the levee prior to armoring. Orleans Levee District will pay for the cost of the lift. LPV 111 MOA/MOU is undergoing USACE and CPRA legal review and will need to be signed by CPRA, SLFPA-E and USACE before design can begin.

Mississippi River Projects

Jefferson Heights The Corps' contractor continues raising segments of the Mississippi River Levee in East Jefferson by about two feet. Work began at the Orleans Parish end and is moving toward Kenner. The first 4.2 miles has been raised; punch list items are being addressed, turf is being worked on and cracked asphalt is being repaired.

Phase 2 of construction is along 4.5 miles of levee between Orchard Road in River Ridge and the Jefferson-St. Charles Parish line. The final lift for Phase 2 has been completed, the levee is at final grade. Site work, turf establishment and replacement of the asphalt bike path is ongoing. Several business owner ramps are under construction. Tree removal is scheduled to begin in mid-May. The project is 92% complete. Substantial completion is scheduled for the end of June.

The recent high river stages delayed construction work and an extension of the AFE is being prepared.

Internal Affairs

Surge Analysis Update We continue to discuss internally and with others in the coastal science community the best path forward to accomplish a Hurricane Surge Analysis update over the next several years. The newly formed Maurepas-Pontchartrain Surge Consortium is also showing significant interest in the surge update, and we are meeting with the group monthly.

Non-Federal Levee Certification Plans and specifications for both phases of the levee realignment near the Violet Canal are complete. However the property owner for the Phase I work (soap factory) requested a realignment of the levee prior to granting the ROE. The proposed realignment was investigated and was discussed with the land owner. The new alignment is acceptable and the drawings have been revised. The latest drawings are being reviewed by the land owner.

The Benefit/Cost Analysis necessary for securing hazard mitigation grant funds for Phase II work was completed and submitted to GOHSEP, who reviewed it and passed it on to FEMA as "Cost Effective" with no other comments.

The Phase I (soap factory) Coastal Use Permit (CUP) was approved by the parish on April 7, 2015, and the Phase II (shrimp factory) CUP was approved in July, 2015.

Asset Management A bi-weekly project status meeting for Phase 2 of the Task Order under our ID/IQ Contract with Moffat and Nichols to develop the software and data base necessary to effectively schedule and track operation and maintenance activities on our Complex Structures was held on March 31, 2016. Teleconferences are scheduled every two weeks for status reviews and discussion of issues. A working template with dashboard is expected to be ready for user testing by mid-May.

Levee Inspection Tool The Orleans Levee District continues to phase in the implementation of the new Levee Inspection Tool. JBM Technologies has been awarded a contract to improve the collection of information for a High River Event report and to offer a mapping capability.

Emergency Preparedness and Response The Mississippi River stage at the Carrollton gage is just below 12.0'. Latest predictions indicate that the river will not rise much above 12'. We will remain in a Phase I flood fight until the river drops below 11'.

Preparations have begun for the 2016 Hurricane season.

Emergency Operations Manuals We are updating and revising our Emergency Operations Manuals as necessary. The manuals will be distributed to the Commissioners prior to the May 12, 2016 Board Meeting for review and approval. The Board approved manuals are due to the State by June 1, 2016.

Tidal Gage Network The Corps has submitted three AFE requests for hardened tide gage station sites at Delacroix, Breakwater Park and Chef Menteur. The CPRA is preparing the necessary documents and checking property ownerships; we are awaiting project plans and specifications from the Corps before issuing the AFE.

We will execute a contract with Weatherflow, Inc. for installation of a "hardened" weather station at the Bayou Bienvenue Lift Gate (\$30,287.25). The new station should be fully operational by July 1, 2016.

Periodic Inspection All unacceptable PI items have been field-verified and photographed. Required information was submitted to the CPRA with the recommended resolutions in December, 2015.

A list and course of action for all remaining minimally acceptable items is being finalized. This work is ongoing, and a meeting was held with the CPRA to formulate an official responses to the Corps. The non-federal sponsor's official response is due to the Corps no later than December 2016.

Risk Assessment The Risk Assessment Project was awarded to Tetra Tech Inc. with a scope of work that includes a Probabilistic Performance Analysis for the Lake Borgne Surge Barrier, the Seabrook Complex and gates, and Sector Gates at Bayou St. John, Bayou Bienvenue, Bayou Dupre and Caernarvon. The analysis will identify and address the possible risk of failure or breakdown of any mechanical system within these structures that could cause flooding in parts of Orleans, Jefferson and St. Bernard parishes. The results of this work will help to inform operation and maintenance plans for the structures.

Phase 2 of the work has been authorized and a kick-off meeting was held on May 4, 2016 with our Consultant and the OLD maintenance staff to discuss results of the Phase 1 Report and outline the path forward for the remaining work.

Semi Annual Report The April 2016 SLFPA-E Semi-Annual Report (SAR) on the Hurricane and Storm Damage Risk Reduction System was submitted to CPRA on April 12, 2016. CPRA combined our report with those of the other levee districts and submit a comprehensive SAR to the Corps on April 29, 2016.

ID-IQ Contracts The current ID-IQ contracts with SLFPAE expire on June 30, 2016, except for those contracts with approved continuing work. Advertisements were placed in the Times-Picayune and the New Orleans Advocate for RFQ's on six disciplines, beginning on April 13, 2016. The advertisements will run three times, April 13, 20, and 27. The submittals for the RFQ's are due on May 13, 2016. The six disciplines (as approved by Board Resolution) are: Surveying, Geotechnical, Hydraulics, Coastal, Inspection and Civil Engineering.

Meetings and Items of Note:

The 2016 Regional Hurricane Table Top Exercise will be conducted on May 17, 2016, at 9:00 am, at the USACE New Orleans District

The Coastal Protection and Restoration Authority Board meeting is scheduled for May 18, 2016, at 9:30 am in the LaSalle Building, Baton Rouge.

The Governor's Advisory Commission is scheduled to meet on May 25, 2016, at 9:00 am, in the Galvez Building in Baton Rouge.

The Marine Industry is hosting a Marine Industry Day on May 20, 2016 in downtown New Orleans at 9 am.

The Port of New Orleans is hosting the GIW Joint Hurricane Team-pre Season Meeting on May 31, 2016 at 9 am.

New Contracts:

O.L.D. / CWB Engineering Services, LLC – O.L.D. Energy Auditing Services - \$15,000

SLFPA-E / JBM Technologies – Mapping and High River Event Enhancement to FCIMS Application – Est. \$18,000

O.L.D. / Linfield, Hunter and Junius – IHNC East FS Regrading and Drainage Improvements (Design) - \$38,080

O.L.D. / Linfield, Hunter and Junius – Flood Risk Reduction Hazard Mitigation Request – New Orleans Lakefront Airport – NTE Budget \$35,000

SLFPA-E / Gulf South Media (Mark Clark) – Project Manager - Implementation of Technology Recommendations (4/22/16 – 12/31/16) – NTE Budget \$39,000

SLFPA-E – SkyCom1 – Wireless business internet service up to 100 X 100 - \$1,500 per month – Two-years with one 1-year option (no installation cost)

Construction Projects:

Project	District	Status	Comments
System Wide Slope Paving	OLD	0%	Install slope paving where levees are difficult to maintain
IHNC Michoud Floodgate Painting & Repair	OLD	0%	Planned for 12/2016 thru 5/2017
GIWW Swale North of Gentilly Landfill	OLD	0% complete	Contractor preparing proposal to drain towards landfill away from levee. Start in June 2016
Seawall Steps Erosion Reach 4&5	OLD	100% complete	Final Punch List items remaining.
Seawall Steps Erosion Reach 2B	OLD	99% complete	Final Punch List items remaining.
Seawall Steps Erosion Phase 1 (Reach 1A/3B)	OLD	90% complete	
Seawall Slope Erosion	OLD	20% complete	
N.O. Lakefront airport Conference Center	OLD	0% complete	Contract awarded
GIWW Surge Barrier, Ladder and Walkways	OLD	0% complete	Contract awarded
Lakeshore Drive Reach 4&5, LED Light Work	OLD	90% complete	Pulling wires
Repair Breakwater West of IHNC at Lake Pontchartrain	OLD	0% complete	Work to start May 2016
Seabrook	OLD	0% complete	Cylinders on Tower 3&4 to be inspected by USACE contractor
Seabrook	OLD	100% complete	Repair oil leak in Tower 1
Seabrook	OLD	0% complete	To inspect cylinders from Tower 1&2 at OLD cost. Hope to be there at same time Tower 3&4 cylinders are there.
Hayne Blvd. Drainage by E-13	OLD	0% complete	Contractor should start work Q2-2016, trying to mitigate standing water at floodgate E-13
IHNC – East	OLD	0% complete	Drain standing water between floodgate E-02 & E-01, east of Florida Ave. Bridge underway
Lakefront Levee West of Floodgate L-01	OLD	0% complete	Fill line from OHV-01 to protected side manhole w/flow able fill starting 5/16/16
IHNC – East	OLD	0% complete	Survey levee between floodgate E-03 & E-06, prepare P&S. Move drainage from flood side toe

Levee District Project Designs and Studies

Project	District	Comments
System Wide Slope Paving Installation	OLD	P&S for slope paving where levees are difficult to maintain
Outfall Canals Erosion	OLD	Study complete; design 90% complete; Stability analysis underway @CH2M
Lakefront Seawall Area Reach , 4&5	OLD	Design complete; construction administration 100%
Lakefront Seawall Area Reach 2B	OLD	Design complete; construction administration 99% complete
Lakefront Levee Drainage Improvement East of UNO Ramp	OLD	Proposal under review – delayed until completion of ARM
Citrus Lakefront Levee Railroad Drainage Study	OLD	Investigation complete; design 90% complete and P&S in review-requesting LNO from USACE (CPRA #14983)
Lakefront Seawall Area Phase 1	OLD	Construction, administration and inspection 90% complete
Bayou Bienvenue/Bayou St. John O&M Manuals	OLD	BBSG at USACE for review /BSJSG 70% complete
Police Administration Building	OLD	Site Study complete, pending Board authorization
Cap Michoud Valve Pits (2)	OLD	P&S 70% complete OLD
Seabrook Internal Tower Modifications	OLD	10% complete Need to address condensation and size AC unit
MRT Floodgate Painting	OLD	Start 4/8/16, 270 day duration
Lakefront Seawall Area Phase 2 (2a, 3b, 1c, 3c, 5b)	OLD	Design 100% complete, bids open 2 nd quarter of 2016
Lakefront Lake Marina Road Raising	OLD	Task Order extended. Work to start early 2017, pending PCCP work.
IHNC - East	OLD	Low area water at East side Florida Ave. Bridge
Phase 1 for engine upgrades at Pump Stations	LBBLD	Phase 2 funding is approved, preparing to submit air regulatory permits to LADEQ
Phase 1 for Safe Room Design HMGP approved by FEMA	LBBLD	Currently being advertised; bids were returned over construction estimate, will re-advertise w/bid alternates
Pump Station #6 pump repair and hangers at P.S. #7	LBBLD	P&S complete; preparing to advertise
Pump Station #6 Erosion Repair	LBBLD	P&S complete; preparing to advertise
Safe house & Consolidated Facility	EJLD	Programming document and contract being finalized. Work on schedule.

LPV PROJECTS NCC LIST

Project #	Project Name	NCC Date
East Jefferson Levee District		
LPV00.2	Reach 1 Levee	7/21/2012
LPV01.1	Reach 2 Levee	7/31/2012
LPV02.2	Reach 3 Levee	8/8/2012
LPV19.2	Reach 4 Levee	8/14/2012
LPV20.1	Reach 5 Levee	8/14/2012
LPV01.2	Foreshore 1&2	9/12/2014
LPV20.2	Foreshore 3&4	9/28/2013
LPV03b.2	Airport Runway Levee	7/27/2012
LPV03.2A	West Return Floodwall South	11/28/2012
LPV03.2B	West Return Floodwall North	12/11/2012
LPV03.2B.1	Landside Run Off	3/31/2015
LPV9.2	Fronting Protection	11/26/2013
LPV12a.2	Duncan Breakwater	2/2/2011
LPV09a.2	Bonnabel Breakwater	8/14/2012
LPV17.2	Causeway Project	7/23/2013
LPV16.2	Bonnabel Floodgate	5/17/2012
LPV18.2	Williams Floodgate	5/31/2012
OFC-08**	17th St Canal Remediation	3/27/2015
LPV-ARM03	Airport Runway Levee	3/8/2016

Project #	Project Name	NCC Date
Orleans Levee District		
LPV101.02	17th. to Topaz	12/17/2012
LPV102.01	Levee from Topaz to Orleans	11/19/2010
LPV103.01	Levee from Orleans to London	11/19/2010
LPV103.1A1	Bayou St. John Tie-in	8/22/2012
LPV103.1A2	Gates LT/Rail	8/2/2012
LPV104.01	L/London to IHNC	5/13/2010
LPV104.01a	Lakefront Ramps	12/4/2012
LPV104.02	T-Wall at IHNC	12/31/2012
LPV104.02b	Seepage cutoff	10/31/2013
LPV105.01	T-Wall, Lakefront Airport	12/4/2012
LPV105.02	T-Wall, Lakefront Airport	2/21/2014
LPV106	Citrus Cap	7/25/2013
LPV107	Lincoln Beach	10/26/2012
LPV108	Paris Road/South Point	10/26/2012
LPV109.02a	L/SP to CSXRR	7/31/2014
LPV109.02b	I-10 Lift	3/5/2013

LPV110	CSX RR Gate	6/4/2012
Project #	Project Name	NCC Date
Orleans Levee District Continued		
LPV111.01	RR to Michoud	11/6/2014
LPV113	Michoud Levee	2/21/2013
LPV117.01	IHNC - Relief Wells	2/9/2011
LPV117.02	IHNC Interim Repairs	2/9/2011
LPV192.02	IHNC Reach Repair and Restor.	6/20/2013
LPV192.02bs	IHNC Buttress Slab	8/28/2013
LPV192.03	IHNC Reach 3 Repair	7/20/2012
IHNC-01	Seabrook	12/2/2013
IHNC-02	Surge Barrier	12/2/2013
IHNC-02a	Bulkhead Repainting	12/31/2014
OFC-03	London Avenue Remediation	10/24/2013
OFC-04	Orleans Avenue SWE Remediat.	9/27/2013
OFC-05	17th St. Floodwalls Remediation	2/20/2013
OFC-06	Canal Wall, Orleans Avenue	3/9/2012
OFC-08**	17th St Canal Remediation	3/27/2015
OFC-07**	London/17th St. Canal Remedi.	3/31/2015

Project #	Project Name	NCC Date
Lake Borgne Basin Levee District		
LPV144	Bayou Dupre Sector Gate	5/29/2015
LPV145	T-Wall BB/ Dupre	3/24/2015
LPV145A	Bayou Bienvenue Bridge	<i>TBD</i>
LPV146	T-Wall Dupre to Hwy 46	9/5/2014
LPV147	HWY 46 gate	2/8/2013
LPV148.02	T-Wall/ Hwy 46 to Caernarvon	9/5/2014
LPV148.02A	Pump 8 Safe House	8/4/2015
LPV149	Sector Gate to Hwy 39	8/27/2013
LPV149A	MRL Tie-in	9/19/2014
LPV149AR	Access Road	6/26/2014
LPV150	Access Road Fix	<i>TBD</i>
LPV151	Lightning/Hog/Erosion Damage	<i>TBD</i>
LPV153	Bayou Dupre & Caernarvon	<i>TBD</i>

**No NCC Issued*

**** Located in EJLD & OLD**

Updated as of 5/10/2016