

**MINUTES OF THE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST
BOARD MEETING
THURSDAY, MAY 16, 2013**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority - East (Authority or SLFPA-E) was held on Thursday, May 16, 2013, in Meeting Room 221 in the Orleans Levee District Franklin Administration Complex, 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. Doody called the meeting to order at 9:30 a.m. and led in the pledge of allegiance.

PRESENT:

Timothy P. Doody, President
John M. Barry, Vice President
Louis E. Wittie, Secretary
Stephen Estopinal, Treasurer
G. Paul Kemp
Richard A. Luetlich, Jr.
Ricardo S. Pineda
Wilton P. Tilly, III

ABSENT:

David P. Barnes, Jr.

INTRODUCTION OF NEW COMMISSIONER & ADMINISTERING OATH OF OFFICE:

Mr. Doody introduced and welcomed Wilton “Paul” Tilly, III to the Board. Mr. Tilly provided a brief synopsis of his background. Mr. Tilly is a Civil Engineer. He graduated from Christian Brothers College in Tennessee and received a Masters Degree from the University of Florida in construction management. Mr. Tilly worked 13 years for the U.S. Army Corps of Engineers (USACE) New Orleans District and transferred to the Strategic Petroleum Reserve where he has worked for the past 17 years.

Robert Lacour, SLFPA-E General Counsel, administered the Oath of Office to Mr. Tilly.

OPENING COMMENTS:

Mr. Doody reported that plans for the media day schedule for May 31st were finalized at the last Strategic Partnering Meeting. The event will take place at the Port of New Orleans facilities at 9:30 a.m. Representatives from the following entities attended the meeting: City of New Orleans, USACE, St. Bernard Parish, Jefferson Parish, Plaquemines Parish, U.S. Coast Guard, New Orleans Sewerage and Water Board, Jefferson Parish Drainage, Coastal Protection and Restoration Authority (CPRA), Southeast Louisiana Flood Protection Authority-West (SLFPA-W) and SLFPA-E. The

purpose of the event is to inform the public that the Hurricane and Storm Damage Risk Reduction System (HSDRRS) is nearly completed and that the perimeter system is completely closed. The public will be assured that all agencies are cooperating, communicating and well prepared for the hurricane season. He stressed, however, that everyone should heed any call for evacuation. The HSDRRS is designed to protect against a 100-year event; however, an event could occur that overwhelms the system. The USACE and local sponsors will be exercising floodgates and various features throughout the HSDRRS starting this week to provide an opportunity for the media to view these activities.

Mr. Doody commented that the IHNC Surge Barrier Barge Gate has been successfully exercised several times and the USACE plans to continue exercising the gate twice a week for the next month. SLFPA-E/O.L.D. personnel are observing the Barge Gate operations in order to gain a working knowledge and experience. Robert Turner, SLFPA-E Regional Director, will schedule training for local emergency groups on the use of the Levee Information Management System (LIMS). The LIMS will provide information to emergency managers on the status of gate closures.

Mr. Doody advised that he is scheduled to meet with St. Bernard Parish President David Peralta and Councilman-at-Large Guy McInnis. Information will be provided at the meeting on how the HSDRRS works so that a better understanding can be gained about the closure of the gated structures. The SLFPA-E has instituted a text alert system to better communicate anticipated gate closures to boaters and other interested individuals.

Mr. Doody reported that the Louisiana Association of Levee Boards Workshop was held on May 2 – 3 in Baton Rouge. Presentations, reports and training included the following topics: how projects get funded and progress to construction by MG Don Riley (retired), the National Flood Insurance Program, the Levee System Evaluation Report, storm surge forecasting and decision support products (National Weather Service), sexual harassment prevention training and the establishment of the National Levee Safety Program.

Mr. Doody commented on the reprogramming of funds from the Lake Pontchartrain and Vicinity (LPV) Project to SELA and a further reprogramming of funds from SELA to the West Bank and Vicinity Project (WBV) Project. The reprogramming effort came with a promise by the USACE to construct a safe room at Pump Station No. 8 (estimated at \$1.5 million) in the Lake Borgne Basin Levee District (LBBLD). Storm proofing of pump stations was authorized for Orleans, Jefferson and St. Bernard Parishes; however, funding was appropriated only for Orleans and Jefferson Parishes. The LBBLD has eight pump stations at seven locations. Safe rooms will be constructed at Pump Stations Nos. 1, 6 and 7 with Hazard Mitigation Grant Program funding. A telemetry system will be included in the construction of the safe rooms to monitor and run the pumps in the other pump stations during an emergency event. It was pointed out that the construction of safe rooms is not the same as storm proofing the pump stations.

Mr. Doody reported that House Bill 286, which transfers the recordkeeping responsibility for SLFPA-E Board appointments from the Secretary of State to the CPRA, is working its way through the Legislature. Companion bills were filed in the Louisiana House and Senate to keep RESTORE act funds due the State of Louisiana from the BP oil spill out of the General Fund and to place the funds in the Coastal Restoration Fund.

Mr. Doody advised that he and Mr. Barry met with Colonel Rick Hansen, who will be replacing Colonel Edward Fleming as the USACE New Orleans District Commander.

Mr. Doody commented that the Mississippi River is currently at about elevation 13.5-ft. and is expected to crest at about 14.5-ft. on May 21st. The levee districts are in a Phase One Flood Fight. The system is being monitored and no problems have been noted.

Mr. Doody announced that Robert Garner has been selected as the new SLFPA-E Police Superintendent. He explained that the process has taken over a year. A committee consisting of Mr. Doody, Mr. Turner and three law enforcement personnel reviewed resumes and interviewed a short list of candidates. A list of questions was developed for the interviews and Mr. Garner came away as a clear choice.

Mr. Doody advised that a new letterhead was developed to bring the levee districts under the SLFPA-E umbrella. The changeover date to the new letterhead is June 1st.

Mr. Barry informed the Board that the Water Resources Development Act (WRDA) bill passed the Senate yesterday by a vote of 83 to 14. An attempt will be made to move a piece of legislation limited to the National Flood Insurance Program issue resulting from the passage of the Biggert-Waters Act in 2012 and the resulting substantial increase of flood insurance rates for many people in the country.

ADOPTION OF AGENDA:

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

RESOLUTION NO. 05-16-13-01 – APPROVAL OF APRIL 18, 2013 BOARD MEETING MINUTES

On the motion of Mr. Estopinal,
Seconded by Mr. Luettich, 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 18, 2013.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None
ABSENT: Mr. Barnes

PUBLIC COMMENTS:

Roy Arrigo expressed his support for Agenda Item XIII.A.1, which recognizes the service of Mr. Thomas L. Jackson. He commented that Mr. Jackson was the most outspoken supporter of Option 2 for the outfall canals and was supportive of property rights along the 17th Street Canal. He stated that Mr. Jackson recognized the purpose of term limits and that the expiration of a term limit has a function.

Carol Byram expressed her thanks to Mr. Jackson for his support when he was the SLFPA-E President.

COMMITTEE REPORTS:

Finance Committee: Mr. Estopinal reported that the Finance Committee met on April 30th. Motions have been placed on the Board agenda to approve the matters considered by the Committee with the exception of the task order relative to the non-federal levee certification effort. A determination was needed by counsel as to whether or not Board approval of the task order under the contract with Tetra Tech is required.

Operations Committee: Mr. Wittie reported that the Operations Committee met on April 30th. The Committee considered the following items:

- SLFPA-W Commissioner Jerry Viera introduced himself and discussed concerns common to the Flood Protection Authorities. He offered the cooperation of the SLFPA-W to help resolve some of the issues faced by the Authorities. An invitation by the SLFPA-W was offered subsequent to the meeting inviting the SLFPA-E to participate in a meeting on May 24th to discuss various storm preparedness issues including the Coast Guard's Regulated Navigation Area.
- The Mississippi River Levee bank stability issue at the Bertucci Facility in East Jefferson was discussed. A USACE representative will attend the next Committee meeting for further discussion of this matter.
- A presentation was provided on the proposed French Market Mural by Mary Ann "Max" Bernardi and Robert Dafford. The Committee discussed the project and recommended approval.
- The revised Emergency Operations Procedures (EOP) Manuals for the levee districts were distributed. Contact information and other minor revisions were made to the manuals.
- The HSDRRS status report and monthly levee district status reports were received by the Committee. The Committee was advised that the draft report by GEC stated that five additional full time employees would be needed by the Orleans Levee District and one full time additional employee by the Lake Borgne Basin Levee District for the maintenance and operation of the IHNC Surge Barrier Sector and

Barge Gates, and the gates at Seabrook, Carnarvon, Bayou Dupre, Bayou Bienvenue and Bayou St. John at an additional estimated cost of one million dollars.

Legal Committee: The Legal Committee did not meet during the month of May.

CPRA/Governmental Affairs: Mr. Barry advised that the Senate version of the WRDA bill includes language for the USACE to operate the IHNC Surge Barrier Sector and Barge Gates, but not the Seabrook Complex Gate. This effort will be cost shared (65% Federal and 35% local). The estimate of the full cost for the SLFPA-E to operate the Sector and Barge Gates is less than the local cost share in the USACE's estimate. However, there are advantages to having the USACE operate the gates. The USACE has resources for an immediate response should a problem occur. The USACE also has more influence with the navigation industry and Coast Guard. Mr. Luettich pointed out that the IHNC Surge Barrier and Seabrook gates must be operated as an integrated system. He suggested that a study be done that would point out the potential consequences that could occur due to a lack of coordination in the operation of the gates. He commented on the complexities of the hydraulics and hydrodynamics and noted that the Mississippi River locks are a third component in the operation of the system. Mr. Barry explained that the SLFPA-E did not know that the Seabrook Complex gate was omitted in the Senate version of the WRDA bill until after it was drafted. Mr. Doody pointed out that the Senate Environment and Public Works Committee recognized the GIWW as an interstate waterway. The argument that the HSDRRS structure gates must be operated as a system was not as persuasive. Mr. Barry added that the fact that the IHNC Surge Barrier gates cross an interstate waterway resolved the earmark issue. Board members recognized that a step forward was accomplished; however, more needs to be done. Mr. Barry concurred with the suggestion that additional information and data be provided to the Congress on this issue.

Mr. Barry reported on the May 15th CPRA Board meeting. The CPRA Board approved a resolution concerning the National Flood Insurance Program that addressed statewide problems. The CPRA Board received a briefing from Kyle Graham on the projects that could be funded in the near future from monies received as a result of the BP oil spill. An important high priority project in this region is the White Ditch Diversion Project (estimated at 35,000 cfs). The construction of the White Ditch Diversion Project could commence in three to five years. A presentation was provided by Dr. Pat Fitzpatrick attacking the idea of diversions. The presentation basically focused on the Caernarvon Diversion, which was designed to add fresh water and decrease salinity, and not to carry sediment and build land. A long discussion followed the presentation. Mr. Barry commented that the opinion of the CPRA Board is that diversions make sense.

Coastal Advisory Committee: Mr. Kemp advised that the Coastal Advisory Committee did not meet during the month of May.

Mr. Luettich reported that he attended The Water Institute of the Gulf (TWIG) Science and Engineering Advisory Committee Meeting last week in Baton Rouge. He

commented that TWIG has been ramping up dramatically in the past year and is in a position to provide leadership to the State on many of the issues discussed by the Board in connection with designing and building a sustainable Gulf coast. TWIG has an impressive capacity in terms of modeling diversions and the behavior of diversions. He pointed out at the TWIG meeting the lack of expertise for maintaining the design standards and requirements for the overall HSDRRS. There have been several recent studies, such as the Hurricane Surge Hazard Analysis by Bob Jacobsen, the New Orleans East Landbridge Study by Gerwick, Inc., and the on-going study by the State on the adequacy of the HSDRRS; however, it is not obvious which entity is in a position to synthesize all of this information and lead a course of action. He challenged TWIG to play a role in this regard. He added that he will continue to communicate the needs of the SLFPA-E to TWIG. Mr. Doody suggested that TWIG may wish to look at the Bohemia Spillway to determine whether it could provide additional benefits in the future.

REGIONAL DIRECTOR'S REPORT:

The Regional Director's Report was distributed. Stevan Spencer, SLFPA-E Regional Chief Engineer, reviewed the highlights of the report and commented on the following issues:

- Seventeen of the 23 miles of lakefront levee/floodwall projects in Jefferson and Orleans Parishes have been completed and turned over to the local levee districts. The lakefront projects start at the St. Charles Parish line, cross the East Jefferson, Orleans Metropolitan and New Orleans East polders, and include the West Return Floodwall. Repair work is being done to the slope paving along the Haynes Boulevard Levee in the New Orleans East Polder (6 miles).
- The IHNC Surge Barrier and marine gates and LPV 109 and LPV 111 along the north side of the GIWW have not yet been turned over due to on-going issues. Next week the USACE will begin raising a 3,000-ft. section of LPV 109 near Hwy. 11 and repairing the sloughing in a section of LPV 111.
- Only one section of the 23 miles of T-walls in St. Bernard Parish has been turned over to the LBBLD. On-going T-wall issues include corrosion, bending moment, down drag and whether the base slab should be buried.
- Work on the bearings on the new Bayou Dupre Control Structure is anticipated to be completed in January, 2014.
- Work is continuing on shoreline protection and pump station frontal protection in East Jefferson.
- Armoring – The USACE is reviewing revised (reduced) overtopping rates which could significantly reduce the amount of armoring anticipated and planned in New Orleans East and along the along the lakefront in Orleans and Jefferson Parishes.

Mr. Doody recommended that the Board request an Independent External Peer Review (IEPR) of the armoring. Mr. Luettich commented that armoring is one of the most critical aspects for building resiliency into the system. Mr. Doody noted that Giuseppe Miserendino, SLFPA-W Regional Director, told the Operations Committee at its April 30th meeting that he had spoken to Charles Brittingham, a Congressional Staffer for

Senator David Vitter, about including language in the WRDA bill that would allow for elevation in lieu of armoring. In a follow-up discussion with Mr. Brittingham, it was learned that the language in the report provides that elevation would be allowed if the USACE determines that it is the best solution. He commented that he had heard from engineers that armoring the system is more important than additional elevation, as long as the overtopping rates are kept in check to a certain degree. Therefore, the SLFPA-E will want an IEPR specifically on armoring if it is to be eliminated throughout the portion of the system under its jurisdiction. In addition, the SLFPA-E does not want elevation being substituted for armoring without a closer look. Mr. Luetlich pointed out that unless protection is built and maintained at an elevation for a 500-year level or above, then armoring is essential. The majority of the damage that occurred during Hurricane Katrina was due to the failure of the levees, which is what armoring protects against. He added that armoring is another research area that he encouraged TWIG to pursue because it is such a critical part of the sustainability of the system. Mr. Barry noted that MG Don Riley, former Director of Civil Works USACE, made a pledge after Hurricane Katrina that the levees would be rebuilt to stand. Mr. Kemp pointed out that protection against waves should be emphasized. Mr. Pineda commented on the debate on the most economical measure given the potential for subsidence. Mr. Barry pointed out that the SLFPA-E resisted armoring the system prior to the construction of levee lifts. Mr. Doody stated that a single source should not be making the decision and that an independent group of scientists should be called upon in reaching a conclusion.

A motion was offered by Mr. Barry, seconded by Mr. Luetlich and unanimously adopted by roll call vote, to amend the agenda to add a motion to request an IEPR to examine the issue of armoring. Mr. Doody requested comments from the public on the amendment of the agenda. There were no comments.

RESOLUTION NO. 05-16-13-02 – REQUEST FOR IEPR ON ARMORING

On the motion of Mr. Barry,
Seconded by Mr. Luetlich, the following resolution was offered:

WHEREAS, we have all learned many valuable lessons from the catastrophic loss of life and property caused by Hurricane Katrina in 2005; and

WHEREAS, one of the key lessons learned was the need to design and construct levee systems to be resilient so that they can survive overtopping events; and

WHEREAS, the Interagency Performance Evaluation Task Force (IPET) report states, “Of the performance of HPS during Katrina, beyond the failure of four I-wall sections, it was the lack of resilience that stands out as a major factor in the ultimate flooding and losses...”, and

WHEREAS, the IPET report further states, “**Structures must be designed to withstand overtopping and to prevent catastrophic breaching.** Such capability would not only have dramatically reduced the losses in New Orleans but also dramatically eased the burdens of recovery”; and

WHEREAS, the report further states that the design of the Hurricane and Storm Damage Risk Reduction System (HSDRRS) must be “conservative enough to accommodate unknowns ... and resilience should be factored into all designs to prevent catastrophic failures and to protect the integrity of the HSDRRS itself”; and

WHEREAS, following an investigation into Katrina levee failures by an External Review Panel of the American Society of Civil Engineers (ASCE), that group issued a Call to Action that included the following: “Make the levees functional, even if overtopped ... The levees need to be armored by resurfacing them with protective, non-erodible materials”; and

WHEREAS, the Southeast Louisiana Flood Protection Authority – East (SLFPA-E) enthusiastically concurs with IPET and ASCE findings that armoring the levees to achieve resiliency must be a key element in HSDRRS design and construction in order to prevent catastrophic system failure for events that produce storm surges and waves exceeding the 100-year (1% annual chance exceedence) design requirement; and

WHEREAS, the United States Army Corps of Engineers (USACE) originally factored in risk when determining which sections of the HSDRRS would be armored; and

WHEREAS, SLFPA-E understands that some within USACE have suggested eliminating the use of a risk analysis in determining how much of the HSDRRS should be armored for resiliency, thus drastically reducing the proposed footprint for armoring; and

WHEREAS, the Non-Federal Sponsor was prohibited from participating in the original Armoring Program Alternatives Analysis Process (AEP) that took place in May of 2011; and

WHEREAS, despite repeated requests by SLFPA-E as a member of the Non-Federal Sponsor Team to be fully engaged in the Armoring Program decision making process, once again we find that decisions are being contemplated by the USACE without our involvement and valuable input; and

WHEREAS, SLFPA-E believes that it is unwise for the USACE to make important design and construction decisions without input from experts outside of the USACE and from the Non-Federal Sponsor Team.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East urgently requests that an Independent External Peer Review (IEPR) group be assembled to examine and comment on both the sufficiency of overtopping rate calculations and the necessity for making risk assessment an integral part of determining the armoring footprint.

BE IT FURTHER RESOLVED, that the IEPR group complete its work before there are any further reductions of money available to complete all LPV projects.

BE IT FURTHER RESOLVED, that SLFPA-E urgently request the Corps to re-evaluate its position on Non-Federal Sponsor participation in the Armoring Program

decision making process, and allow SLFPA-E staff full participation in the process and access to information pertaining to armoring in a timely manner.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

RESOLUTION NO. 05-16-13-03 – RECOGNITION OF MR. THOMAS L. JACKSON

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

“A resolution recognizing the commitment and contributions of Mr. Thomas L. Jackson, P.E., D.WRE, to the Southeast Louisiana Flood Protection Authority-East and to the citizens of Louisiana.”

WHEREAS, after the devastation resulting from Hurricane Katrina, the Southeast Louisiana Flood Protection Authority-East was created by the Louisiana State Legislature to provide regional flood protection for the Lake Pontchartrain Basin area; and

WHEREAS, due to his outstanding qualifications and professional experience Mr. Thomas L. Jackson, P.E., D.WRE, was selected to serve as a founding member on the Board of the Southeast Louisiana Flood Protection Authority-East (SLFPA-E); and

WHEREAS, in addition to his many professional accomplishments as a long-time leader in Civil Engineering, Mr. Jackson served on numerous national Civil Engineering technical and professional Committees and Foundation Boards, including President of the United Engineering Foundation and the Civil Engineering Foundation, Chair of the North American Alliance of Civil Engineering, and Director of the Civil Engineering Research Foundation, and as President of the American Society of Civil Engineers; and

WHEREAS, Mr. Jackson served on the fourteen member External Review Panel that provided oversight of the U.S. Army Corps of Engineers Interagency Performance Evaluation Task Force, which investigated the performance of the New Orleans area levees during Hurricane Katrina; and

WHEREAS, recognizing the importance of the SLFPA-E’s mission, Mr. Jackson served as the first President of the Board and has continuously strived to achieve the best flood protection possible, working tirelessly in the service of the citizens of the region; and

WHEREAS, Mr. Jackson testified before the U.S. Senate Environment and Public Works Committee on September 30, 2007, on behalf of the SLFPA-E concerning the status of hurricane protection within the region; and

WHEREAS, Mr. Jackson’s leadership, hard work and devoted service as a President and member of the Board has resulted in many positive achievements and improvements to the flood protection system.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East hereby expresses its gratitude and appreciation to Mr. Thomas L. Jackson, P.E., D.WRE, for his dedication and contribution during his tenure as a member of the Board of Commissioners of the Southeast Louisiana Flood Protection Authority-East.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

RESOLUTION NO. 05-16-13-04 – APPROVAL OF LEGAL INVOICES

On the motion of Mr. Barry,

Seconded by Mr. Estopinal, the following resolution was offered:

WHEREAS, the legal 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 16, 2013”, have been reviewed and approved by the appropriate levee district Executive Director, the SLFPA-E Regional Director and the SLFPA-E General Counsel, Robert Lacour; and

WHEREAS, the aforementioned invoices were submitted to the members of the Legal Committee for review.

BE IT HEREBY RESOLVED, that the legal invoices listed on the spreadsheet entitled “Legal Invoices Approved on May 16, 2013” are hereby approved.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

RESOLUTION NO. 05-16-13-05 – APPROVAL OF EMERGENCY OPERATIONS PROCEDURES MANUALS

On the motion of Mr. Wittie,

Seconded by Mr. Barry, 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.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) approves the revised O.L.D., LBBLD and EJLD Emergency Operations Procedures (EOP) Manuals, and authorizes all actions under 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. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 05-16-13-06 –
CONTRACT EXTENSION FOR ATTORNEYS AND LAW FIRMS**

On the motion of Mr. Barry,
Seconded by Mr. Wittie, the following resolution was offered:

WHEREAS, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) by Resolutions Nos. 11-08-07-11 and 05-21-09-08 selected and approved a list of attorneys and law firms to provide legal services on an as-needed basis for the SLFPA-E and the levee districts within its jurisdiction; and

WHEREAS, the contracts with those attorneys and law firms expired on June 30, 2012; and

WHEREAS, by Resolution No. 04-19-12-10, the SLFPA-E approved a one year extension of the aforementioned contracts, which shall expire on June 30, 2013; and

WHEREAS, the need for legal services of the SLFPA-E and the levee districts within its jurisdiction appears to be declining.

BE IT HEREBY RESOLVED, that the SLFPA-E extends all existing contracts with the previously approved attorneys and law firms for one (1) year on the same terms and conditions, subject to acceptance of the extension by the attorneys and law firms and approval by the Louisiana Attorney General.

BE IT FURTHER RESOLVED, that this Resolution be submitted to the Attorney General for the State of Louisiana for approval.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luetlich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 05-16-13-07 –
EXTENSION OF ID-IQ CONTRACT WITH HALCROW, INC.**

Mr. Doody commented that the review by Halcrow, Inc. provides oversight by the SLFPA-E on the USACE's remediation work along the outfall canals.

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

WHEREAS, the Indefinite Delivery-Indefinite Quantity (ID-IQ) contract between the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) and Halcrow, Inc., dated June 18, 2009, for professional engineering services expired on June 30, 2012; and

WHEREAS, the SLFPA-E issued Task Order Nos. 02-01-02, 03, 04 and 06 for the review and analysis of the remediation work contemplated and performed along the London, Orleans and 17th Street Outfall Canals by the U.S. Army Corps of Engineers (USACE) and to review the existing conditions along the canals; and

WHEREAS, the SLFPA-E by Resolution No. 06-21-12-09 approved a one-year extension of the ID-IQ Contract with Halcrow, Inc. for the purpose of reviewing the USACE's additional geotechnical studies and remediation work along the outfall canals; and

WHEREAS, the USACE is continuing to perform additional geotechnical studies and is contemplating additional remediation work along the outfall canals, which must be reviewed; and

WHEREAS, Task Order No. 02-01-07 will be issued for the review of the additional geotechnical studies and remediation work with a not-to-exceed cap of \$30,000.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes a six-month extension of the ID-IQ Contract with Halcrow, Inc., with said contract expiring on December 31, 2013, for the purpose of reviewing the USACE's additional geotechnical studies and remediation work along the outfall canals, and authorizes the SLFPA-E Regional Director to execute an amendment to the contract for said time extension.

BE IT FURTHER RESOLVED, that the SLFPA-E Regional Director is authorized to execute Task Order No. 02-01-07 for the aforementioned additional review in an amount not to exceed \$30,000.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

**RESOLUTION NO. 05-16-13-08 – MOU BETWEEN CPRA AND COASTAL AREA
LEVEE AUTHORITIES FOR LEVEE PERMIT AUTOMATION SOFTWARE**

Mr. Doody explained that a common permitting process and database is being developed for coastal levee districts.

On the motion of Mr. Wittie,

Seconded by Mr. Luettich, the following resolution was offered:

WHEREAS, by Resolution No. 01-19-12-06 the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) pledged its support for the Coastal Protection and Restoration Authority's (CPRA) proposed Levee Permit Automation Software to assist and provide the levee districts with online access, review and electronic comment letters from the U.S. Army Corps of Engineers and CPRA, and agreed to share in the development cost of the Levee Permitting Automated Software up to a maximum one-time-only software payment in the amount of \$29,600.00; and

WHEREAS, the CPRA, in conjunction with the IT systems and support team of the Department of Natural Resources, shall host the web-site and provide the necessary host server; and

WHEREAS, future costs for the operation and maintenance of this permitting database shall be borne by future applicants' fees collected by the participating levee districts and remitted to the CPRA for this purpose.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection - East authorizes the SLFPA-E President to execute the Memorandum of Agreement between the State of Louisiana through the Coastal Protection and Restoration Authority and All Coastal Area Levee Authorities for the Contribution of Funds for the Development and Delivery of a Levee Permit Automation Software and Database.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

RESOLUTION NO. 05-16-13-09 – EJLD HEALTHCARE RENEWAL

Fran Campbell, East Jefferson Levee District (EJLD) Executive Director, provided a spreadsheet with quotes received from Blue Cross/Blue Shield, AETNA/Coventry and the Louisiana Office of Group Benefits (OGB). Although the premium for OGB would be less, she recommended renewal of coverage from Blue Cross/Blue Shield, which is tailored for EJLD employees.

John Thomas with Best Group Benefits, the broker representing the EJLD, explained that OGB is a self-insured plan backed by the full faith and credit of the State of Louisiana for State employees only. OGB is run as a Multiple Employer Welfare Association, which allows participation by other employers. When the State allows a political affiliation, such as a levee district, to participate in the self-insured plan, the levee district would become responsible in the event of insolvency or the self-insured plan has insufficient funds to pay claims. Last year the EJLD paid a little over \$700,000 in premiums and Blue Cross's total cost for EJLD claims and administration was a little over one million dollars. OGB is heavily invested in covering retirees. OGB concerns include increased medical costs under Obamacare, unfunded government mandates and the OGB growth model, which is based on four to five percent growth per year. If the Federal government sets up an exchange in Louisiana, it could siphon many people out of OGB and impact growth. He stated that most employers will not elect to go to a self-insured plan if it is less or the same amount of money to stay fully insured. He explained the difference between the Blue Cross and OGB drug plans and the out-of-pocket maximums. He commented that EJLD employees are used to using their plan a certain way and that the OGB plan would not work the same way. The information provided in the proposals reflects the instructions of EJLD management in regards to deductibles, co-insurance payments, etc. The current coverage with Blue Cross expires June 1st; however, it can be extended on a month-to-month basis.

Mr. Doody stated that the Board has long discussed coming to a point where the levee districts would have the same benefits across the board. He suggested that the current coverage be extended for one month to allow additional time to fully consider the options. Mr. Luettich suggested that consideration be given to bringing all of the levee districts to the same anniversary date. Mr. Thomas pointed out that should the Board decide to select OGB, the best date to start coverage would be January 1st because of the annual deductibles.

On the motion of Mr. Luettich,

Seconded by Mr. Estopinal, the following resolution was offered:

WHEREAS, the East Jefferson Levee District (EJLD) healthcare coverage will expire on May 31, 2012; and

WHEREAS, proposals have been obtained from Blue Cross/Blue Shield, Aetna/Coventry and the Louisiana Office of Group Benefits for providing said coverage for the EJLD; and

WHEREAS, the Board wishes to fully consider all options presented by the aforementioned providers and determine the best course of action for long term coverage; and

WHEREAS, the incumbent provider Blue Cross/Blue Shield is agreeable to continuing the current EJLD healthcare coverage on a month-to-month basis until a final decision is reached.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the continuance of the current healthcare coverage with Blue Cross/Blue Shield on a month-to-month basis until a final decision is reached by the Board on a long term plan.

BE IT FURTHER RESOLVED, that the EJLD Executive Director is 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. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

RESOLUTION NO. 05-16-13-10 – FRENCH MARKET FLOODWALL MURAL

Robert Dafford and Mary Ann “Max” Bernardi appeared before the Board regarding the request to paint murals on the Mississippi River Floodwall adjacent to the French Market. Mr. Dafford explained that he has painted many thousands of feet of floodwall and is competent with various kinds of paint. The intent is to use mineral silicates on the French Market project. The mineral silicates chemically bond to the concrete and are vapor permeable. A vapor permeable clear coat that is washable would be used. Mr. Dafford and Ms. Bernardi researched the New Orleans Historic Collection for the project. Ms. Bernardi met with the French Market Corporation and other groups concerning the project. Mr. Dafford explained that a maintenance agreement would be confected with the SLFPA-E as the owner of the floodwall. Options are being considered for obtaining funding for the project. The mural will consist of high quality, historically accurate paintings. Sample illustrations were viewed by the Board.

Mr. Dafford commented that a Federal statute prohibits paintings that are religious or political in nature on a Federal edifice. He added that he has recommended to other cities that their city council or other presiding organizations adopt a resolution requiring applicants seeking permission to paint a floodwall mural to demonstrate that they have painted at least five murals on buildings that have lasted as least five years.

Mr. Dafford explained that the paints that will be used on the French Market mural will last a minimum of fifteen to thirty years. Ms. Bernardi added that the type of paint that will be used was developed for painting on castles and has a great longevity. The paint will bond with the concrete and will fade over time. The pigments used in the paints are ground minerals and not dyes. The pigment has a 50 to 100 year life.

Ms. Bernardi advised that the French Market Corporation has given its approval to move forward and request permission from the SLFPA-E with the stipulation that approval be sought for the final artwork and a maintenance plan is devised.

Wilma Heaton, a member of the French Market Corporation Board, pointed out that approval must also be sought from the Vieux Carre Commission. She suggested that SLFPA-E Board approval be predicated upon Mr. Dafford and Ms. Bernardi devising a maintenance plan that they will fund. Mr. Luettich suggested that the Board also approve the final artwork.

Ms. Bernardi added that the intent is to work in 11.5-ft. tall by 20-ft. long sections (panels). The cost per panel is estimated at \$20,000. Work would progress down the 400-ft. stretch of floodwall as funding is received. It is anticipated that interest would be generated in the project as the work progresses.

Mr. Luettich offered a motion to amend the resolution to provide the preliminary approval of the Board, pending the presentation of a maintenance plan and final approval of the actual artwork design. There was no objection to the amendment.

Mr. Spencer cautioned that a permit application must be submitted to the Orleans Levee District with copies to the USACE and CPRA.

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

WHEREAS, Mary Ann “Max” Bernardi and Robert Dafford appeared before the Southeast Louisiana Flood Protection Authority-East’s Operations Committee to request permission to paint a mural on the Mississippi River Floodwall adjacent to the French Market between Ursulines Avenue and Barracks Street depicting various scenes of the French Market in the late 18th and 19th centuries; and

WHEREAS, Ms. Bernardi and Mr. Dafford are well-known, accomplished professional muralists; and

WHEREAS, Mr. Dafford possesses extensive experience having painted thousands of feet of floodwall in West Virginia, Ohio, Kentucky, Indiana, Illinois and Mississippi over the past twenty-five years; and

WHEREAS, the Operations Committee expressed its support of the project, subject to its review by the Engineering staff.

WHEREAS, the aforementioned request has been reviewed by the Orleans Levee District Executive Director, who offers no engineering objection to the proposed project; and

WHEREAS, Ms. Bernardi and Mr. Dafford will be required to obtain approvals and permits for the project from all the appropriate permitting agencies.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East grants its preliminary approval of the request of Mary Ann “Max” Bernardi and Robert Dafford to paint the proposed French Market Mural on the Mississippi River Floodwall between Ursulines Avenue and Barracks Street, pending the presentation of a maintenance plan and final approval of the final artwork design.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luetlich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

A motion was offered by Mr. Wittie, seconded by Mr. Estopinal and unanimously adopted, for the Board to convene in Executive Session to discuss the item listed on the agenda. The Board convened in Executive Session at 11:45 a.m.

A motion was offered by Mr. Estopinal, seconded by Mr. Luetlich and unanimously adopted, for the Board to reconvene in regular session at 1:20 p.m.

RESOLUTION NO. 05-16-13-11 – EJLD MILLAGE CERTIFICATION

Mr. Doody advised that the Finance Committee considered the certification of the EJLD millage rate for 2013 and recommended approval. Mr. Estopinal read Resolution No. 05-16-13-11 in its entirety and a roll call vote was conducted.

On the motion of Mr. Luetlich,

Seconded by Mr. Estopinal, the following resolution was offered:

BE IT RESOLVED, by the Southeast Louisiana Flood Protection Authority – East, the governing authority for the East Jefferson Levee District, that the following millage is hereby levied on the 2013 tax roll on all property subject to taxation by the East Jefferson Levee District:

3.91 mills

BE IT FURTHER RESOLVED that the proper administrative officials of the Parish of Jefferson, State of Louisiana, be and they are hereby empowered, authorized, and directed to spread said taxes, as hereinabove set forth, upon the assessment roll of said Parish for the year 2013, and to make the collection of the taxes imposed for and on behalf of the taxing authority, according to law, and that the taxes herein levied shall become a permanent lien and privilege on all property subject to taxation as herein set forth, and collection thereof shall be enforceable in the manner provided by law.

The foregoing resolution was read in full, the roll was called on the adoption thereof, and the resolution was adopted by the following votes:

YEAS: Mr. Doody, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda, Mr. Tilly
and Mr. Wittie

NAYS: None

ABSTAINED: None

ABSENT: Mr. Barnes and Mr. Barry

**RESOLUTION NO. 05-16-13-12 –
AWARD OF CONTRACT FOR FRANKLIN AVENUE FACILITY SILO DEMOLITION**

Mr. Gillen advised that bids were received on May 14th. The apparent low bidder, Commander Corporation, verified its bid today. An environmental assessment was completed. The concrete silos will be left in place.

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

WHEREAS, the Conveyor Building on top of the silos, the building around the silos, an equipment shed west of the silos and equipment associated with the silos is all deteriorating beyond repair; and

WHEREAS, the Franklin Avenue Facility Silo Demolition was advertised and seven bids were received as follows:

| Bidding Contractors | Total Base Bid Price |
|------------------------------------|-----------------------------|
| Commander Corporation | \$279,000.00 |
| Zimmer-Eschette Services LLC | \$367,996.30 |
| RAMJ Construction LLC | \$369,225.00 |
| Cycle Construction LLC | \$421,400.00 |
| Gulf Con LLC | \$488,870.00 |
| Concrete Busters of Louisiana Inc. | \$533,597.00 |
| Hamps Construction | \$569,000.00 |

WHEREAS, funds for this project are available from the approved FY 2013 Special Levee Improvement Fund Budget.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority–East authorizes the award of a contract in the amount of \$279,000.00 to Commander Corporation, and the establishment of a budget in the amount of \$320,000 to include contingencies, for the Franklin Avenue Facility Silo Demolition.

BE IT FURTHER RESOLVED, that the Orleans Levee District Executive Director is hereby authorized to execute a contract in the amount of \$279,000.00 with Commander Corporation, and any and all other documents necessary to accomplish the above.

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

YEAS: Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,

Mr. Tilly and Mr. Wittie
 NAYS: None
 ABSENT: Mr. Barnes and Mr. Barry

**RESOLUTION NO. 05-16-13-13 –
APPROVAL OF LBBLD FY 2013 BUDGET AMENDMENT**

Nick Cali, Lake Borgne Basin Levee District (LBBLD) Executive Director, advised that the revisions are primarily due to the movement of Hazard Mitigation Grant Program and/or FEMA Public Assistance monies to the next fiscal year.

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, 2013 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, 2013.

**LAKE BORGNE BASIN LEVEE DISTRICT
 AMENDED BUDGET
 FOR FISCAL YEAR ENDING JUNE 30, 2013**

| <u>REVENUES:</u> | CURRENT BUDGET | AMENDED ITEMS | AMENDED BUDGET |
|--|-------------------|------------------|-------------------|
| Taxes | \$ 3,400,000 | - | 3,400,000 |
| Intergovernmental | 11,335,500 | (11,132,500) | 203,000 |
| Insurance proceeds | - | - | - |
| Charges for services: | | | |
| Permits | 3,000 | - | 3,000 |
| Rents and leases | - | - | - |
| Oil and gas royalties | - | - | - |
| Investment income | 15,000 | - | 15,000 |
| Cost sharing allocations from affiliates | - | - | - |
| Miscellaneous | - | - | - |
| Total revenues | 14,753,500 | (11,132,500) | 3,621,000 |

EXPENDITURES

FLOOD AND DRAINAGE PROTECTION:

| | | | |
|------------------------|-----------|-------------|-----------|
| Personnel services | 2,391,050 | - | 2,391,050 |
| Travel | 3,300 | - | 3,300 |
| Contractual services | 156,550 | - | 156,550 |
| Materials and supplies | 464,700 | - | 464,700 |
| Professional services | 197,700 | - | 197,700 |
| Other charges | 2,165,600 | (1,252,500) | 913,100 |

| | | | |
|---|---------------------|---------------------|------------------|
| Cost sharing allocations to affiliates | 90,000 | - | 90,000 |
| Machinery and equipment | 10,279,000 | (9,880,000) | 399,000 |
| Hurricane expenses | - | - | - |
| Total expenditures | 15,747,900 | (11,132,500) | 4,615,400 |
| Excess of revenues over expenditures | \$ (994,400) | - | (994,400) |
| OTHER FINANCING SOURCES (USES) | - | - | - |
| NET CHANGES IN FUND BALANCES | \$ (994,400) | - | (994,400) |
| FUND BALANCE AT BEGINNING OF YEAR | 5,489,109 | - | 5,489,109 |
| FUND BALANCE AT END OF YEAR | \$ 4,494,709 | | 4,494,709 |

BE IT HEREBY RESOLVED, that the revisions to the Lake Borgne Basin Levee District Fiscal Year Ending June 30, 2013 Budget are approved.

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

YEAS: Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes and Mr. Barry

**RESOLUTION NO. 05-16-13-14 – LBBLD ACCEPTANCE OF
A GRANT FROM THE DEPARTMENT OF HOMELAND SECURITY**

Mr. Cali explained that the LBBLD applied in August for funding that was remaining in FY 2008 Port Security Grant Program for the purchase of safety and rescue equipment for the pump stations and new 800mhz radios.

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

WHEREAS, the Lake Borgne Basin Levee District (LBBLD) applied for funding from the Department of Homeland Security (DHS) FY 2008 Port Security Grant Program (PSGP) for the purchase of safety and rescue equipment and new 800mhz radios; and

WHEREAS, the Department of Homeland Security has re-opened the 2008 PSGP due to a surplus of funds and approved the aforementioned LBBLD application for funding (Grant Award No 2008-GB-T8-K093); and

WHEREAS, quotes have been received from State Contract vendors in the amount of \$7,280.40 for the safety and rescue equipment and \$118,466 for the radios; and

WHEREAS, the safety/rescue equipment will be located at the LBBLD office and at each of the pump stations for use by LBBLD employees, and the new 800mhz radios will replace the LBBLD's existing radios that will be obsolete in 2017 due to software upgrades; and

WHEREAS, the total equipment purchase in the amount of \$125,746.40 shall be cost shared as follows:

PSGP Grant - 75 percent - \$94,309.80

LBBLD - 25 percent - \$31,436.60

WHEREAS, the PSGP requires that a Memorandum of Understanding be executed between LBBLD and the Lower Mississippi River Port-Wide Strategic Security Council certifying that the funds will be used according to the justifications stated in the application.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes Nicholas P. Cali, LBBLD Executive Director, to sign a Memorandum of Understanding as stated above with the Lower Mississippi River Port-Wide Strategic Security Council for the acceptance of a grant award of \$94,309.80 from the Department of Homeland Security on behalf of the LBBLD, and that the LBBLD Executive Director be authorized to purchase the equipment specified above.

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

YEAS: Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes and Mr. Barry

ANNOUNCEMENT OF NEXT REGULAR MONTHLY BOARD MEETING:

**RESOLUTION NO. 05-16-13-15 –
RESCHEDULING OF REGULAR MONTHLY BOARD MEETING IN JUNE**

On the motion of Mr. Barry,

Seconded by Mr. Wittie, the following resolution was offered:

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the rescheduling of the regular monthly Board Meeting from Thursday, June 20, 2013 to Friday, June 14, 2013.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda,
Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes

There was no further business; therefore, the meeting was adjourned at 1:30 p.m.

SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

REGIONAL DIRECTOR'S REPORT

May 16, 2013

HSDRRS Project Status Update

IHNC-02 - Lake Borgne Surge Barrier and Gates The barge gate and ancillary structures are still undergoing repairs and remediation. All 4,800 linear feet of uni-strut in the ballast tanks will be cleaned and rust-proofed, work that could be complete as early as June. Additionally, the windlass units will be repositioned, the wildcat (drum) has been ground down to allow the chain links to pass through without twisting, and design work is underway to reinforce the barge chain and anchorage points for closure in more challenging environmental conditions. Other steps will be taken to improve the operability and longevity of the windlasses.

Miscellaneous work, including re-alignment of gears at the Bayou Bienvenue Lift Gate and general touch-up painting, is ongoing. A plan is being developed to install navigational hazard warning signs along the barrier wall.

Two days a week have been set aside to train Corps personnel to operate the barge gate. Representatives of the Orleans Levee District, SLFPAE and the Coastal Protection & Restoration Authority are on hand to observe and learn.

LPV-104.02b - Seepage Cutoff Orleans Lakefront The contractor has completed driving sheet piles for the seepage cut-off wall and is now hauling borrow material. The 130-day project is on schedule.

LPV-106a - Citrus Lakefront Levee Crack Repair This project is about 25% complete and should be finished in September 2013.

LPV-109.02a - Levee Enlargement for South Point to CXS Railroad and US11 and US 90 Floodgates URS is preparing plans to raise 3,000 linear feet of levee at Highway 11 by about 2.5 feet. A Corps hired labor force was scheduled to do the work using borrow material from a Bonnet Carre Spillway borrow pit, but the high river has cut off access to the pit. Work has been delayed until a viable source of borrow can be found.

URS also is preparing plans to repair problems resulting from subsidence of the floodgate at Highway 11.

A section of slope paving near the CSX Railroad Floodgate has settled significantly and must be replaced.

LPV-111 - CSX RR to Michoud Canal A surface slide occurred several months ago in a small section of the levee's protected side slope. The Corps has taken two geo-probe borings at the slide site to test for moisture content, Atterberg limits and shear strength. URS has prepared plans and specifications for the repair work and is determining whether other areas may be prone to such slides. Repairs will be made by Corps hired labor forces once a viable source of borrow is found.

LPV-149 - Caernarvon Canal Floodwall The 65% design for transition of the HSDRRS floodwall to the Mississippi River levee has been reviewed by SLFPAE staff and comments have been submitted to the Corps; 95% plans and specifications are due soon.

Pump Stations #2 & #3 Seepage Repairs The 35% plans and specifications have been submitted and are under review by LBBLD and SLFPAE staff.

Outfall Canals The 95% plans and specs for installation of more sheet pile along both the London Ave Canal and west side of the 17th St. Canal have been reviewed and our comments submitted. The low water case in all three outfall canals is still being investigated. The Corps also is completing surveys on all three canals to check for erosion and is considering the installation of erosion protection in some areas.

All funds previously authorized for the task orders we have with Halcrow to review Corps' engineering, design and analysis of the outfall canals have been expended. A board resolution is needed to extend Halcrow's contract for six months so that the review can continue and to authorize the expenditure of not more than \$30,000.00. That resolution is on today's meeting agenda.

Armoring Work continues on the 5,000-foot-long pilot project testing five brands of High Performance Turf Reinforced Mat in the field. Both sod and seed are being used, and additional testing with equipment is planned for the fall. It is anticipated that contracts to install HPTRM on the LPV system will be awarded, at the earliest, between February and April of 2014. Although Task Force Hope recently reported that a revision of the predicted over topping rates for levees along the lakefront and in New Orleans East could greatly reduce the amount of armoring to be placed, the Corps' hydrology chief has asked that the revision be reviewed by the Engineering Division.

Permanent Canal Closures and Pumps (PCCP) The Corps has affirmed its decision to award a contract to the joint venture PCCP Constructors for construction of the Permanent Canal Closures and Pumps at the London, Orleans and 17th Street outfall canals. No new protests have been filed and a Notice to Proceed was issued to the contractor on May 6, 2013.

Water Control Plans (WCP) Our staff, in coordination with CPRA, continues to review proposed water control plans and standing instructions and provide comments to the Corps.

Operation and Maintenance (O&M) Manuals for Standard Levee System Features Our O&M Manual Workgroup, in coordination with CPRA, continues to review draft manuals for standard structures and to provide comments to the Corps.

Mississippi River & Tributaries (MR&T) There are two ongoing MR&T levee projects on the east bank. Design of the Jefferson Heights project between the Orleans-Jefferson and St. Charles-Jefferson parish lines are being reviewed. Construction of the Carrollton levee-raising project from the Orleans-Jefferson line to just downriver of Audubon Park is in full swing and scheduled for completion by September 2013.

Internal Affairs

Operation and Maintenance Requirements for Complex Structures Our consultant, GEC, has developed a draft report detailing the number of personnel that will be required to operate and maintain new gated structures in the HSDRRS. The report will be presented to the Operations Committee for review and comment next month.

Complex Structures O&M Manuals A Complex Structures Volume 3 team has been created by the Corps with representation from CPRA and SLFPAE to review and revise the Complex Structures O&M Manuals.

Complex Structure Training Our personnel are training weekly to become more familiar with operation and maintenance of the complex gated HSDRRS structures.

Quarterly Levee Inspections SLFPAE staff has reviewed results of the second quarter 2013 routine levee inspections for the three districts, and no major new issues were discovered.

Emergency Preparedness The river is above 13.0' at the Carrollton Gage and is predicted to crest around 14.5' by May 21, 2013. The Corps and Levee Districts are conducting Phase 1 flood fight surveillance.

The levee districts have submitted their updated 2013 Emergency Operations Plan to the Operations Committee, and an item is on today's meeting agenda seeking Board approval.

Hurricane season officially starts on June 1, 2013, and early predictions are for an above-average year.

USCG IHNC/GIWW Corridor Inspection The United State Coast Guard is resuming monthly inspections of the IHNC and GIWW by boat in preparation for the 2013 hurricane season. The inspections will confirm the number and type of vessels in the area to allow for proper planning and successful execution of evacuation of the corridor in advance of a tropical event. The first inspection is scheduled for May 29, 2013.

Gate Module CPRA has updated the Levee Information Management System – Floodgate Module and it is being tested. Various parish, state and Corps Emergency Operation Centers (EOCs) will be able to quickly and easily see the near real time status of all floodgates as an event unfolds. CPRA and SLFPAE will coordinate a workshop with the surrounding city and parish agencies to demonstrate the module once final revisions are complete.

Meetings and Items of Note:

The Governor's Oyster Advisory Committee will meet June 27, at 1:30 pm the location is to be announced.

The next meeting of the Coastal Protection and Restoration Authority is scheduled for June 19 at 9:30 am in Baton Rouge.

The next CWPPRA (Coastal Wetlands Planning, Protection & Restoration Act) Task Force meeting is scheduled for June 4, 9:30 am – 2 pm in Lafayette at the Estuarine Fisheries and Habitat Center Conference Room 119, 646 Cajun dome Blvd.

The Greater New Orleans Foundation, in partnership with the Urban Institute and others, is hosting *The Urban Water Series: Strategies that Work*. With three sessions in June and a third in July, the series in New Orleans is designed to give insight into innovative and affordable storm water management practices used in other cities. At the series' end, the group will look at which of those practices could be adopted in New Orleans. For details and registration, visit <http://www.gnof.org/urbanwaterseries/>

Levee District Construction Projects:

| Project | District | Status | Comments |
|--|-----------------|---------------|--|
| Franklin Administration Building Refurbishment | OLD | 37% complete | AC unit delivery delays |
| Bayou Bienvenue Maintenance Cycle | OLD | 75% complete | The structure is open for navigation. |
| Bayou St. John Waterfall Demolition Project | OLD | 87% complete | Weather delays |
| Bayou St. John Sandbar Removal | OLD | 0% complete | NTP issued 4/29/13. Marsh creation added |
| Seawall Steps Erosion – Phase 1B | OLD | 0% complete | Issued Notice to Proceed on Feb. 27, 2013; investigating power outage to lights. |
| Citrus Lakefront Levee – 8” Sewer Valve | OLD | 95% complete | Valve relocated |
| Maxent/Paris Rd. Levee – Clearing Contract | OLD | 70% complete | Rain Delay |
| Franklin Warehouse Steel Silo Demolition | OLD | 0 % complete | Advertised for bids 5/14/13 |
| Fence repair on Canals/Levees | LBBLD | 0% complete | Bid opening 5/7/13 |
| Administration Building Hurricane Isaac Repairs | EJLD | 100% complete | |

Levee District Project Designs and Studies

| Project | District | Comments |
|---|-----------------|--|
| Outfall Canal Bank Stabilization Monitoring (Gerwick) | OLD | Final report under review |
| Citrus Lakefront Railroad Drain Pipe Crossings (BKI) | OLD | Planning for an exploratory cleaning and condition assessment of drain lines, delayed due to Railroad not being available. |
| Franklin Front Parking Facility | OLD | Design 6% complete |
| Lakefront Seawall Area Reach 1B, 4&5 | OLD | Reach 1B Design @ 100% Reach 4&5 Design @ 30% |
| Floodgate Seal Repairs | OLD | Design Starting |
| Phase 1 for the engine upgrades at Pump Stations 1&4 PA approved by FEMA | LBBLD | SOW for RFQ being prepared |
| Phase 1 for Safe Room Design PA approved by FEMA | LBBLD | P&S to be completed by end of 2013 Hurricane Season |
| Pump Station #6 pump repair and hangars at P.S. #7 | LBBLD | P&S at 100% |
| Pump Station #6 Erosion Repair | LBBLD | P&S at 100% |
| Floodgate #9 renovation | LBBLD | P&S at 100% |
| Safehouse & Consolidated Facility | EJLD | Design phase beginning |