

**MINUTES OF THE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST
BOARD MEETING
THURSDAY, MAY 15, 2014**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority-East (Authority or SLFPA-E) was held on Thursday, May 15, 2014, in Meeting Room 201 of the Orleans Levee District Franklin Administrative 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 9:35 a.m. and led in the pledge of allegiance.

The roll was called by Secretary Wittie:

PRESENT:

Timothy P. Doody, President
Stephen Estopinal, Vice President
Louis E. Wittie, Secretary
Wilton P. Tilly, III, Treasurer
Lambert J. Hassinger, Jr.
G. Paul Kemp
Richard A. Luettich, Jr.

ABSENT:

Jefferson M. Angers
Kelly J. McHugh

OPENING COMMENTS:

Mr. Doody advised that the Orleans Levee District (O.L.D.) held its annual Safety Awareness / Employee Appreciation Day on April 24th. He also advised that Louisiana Workers Compensation Corp. (LWCC) presented a dividend check to the O.L.D. in the amount of \$81,021 at the Finance Committee meeting.

Mr. Doody reported that the finalization of plans for the May 30th media day at the Port of New Orleans took place during the April 25th Strategic Partnering Meeting. The media day is held in advance of the hurricane season and will be preceded by a table top exercise on Monday, May 19th at the U.S. Army Corps of Engineers (USACE) offices and the exercise of the large complex structures on May 28th and 29th. The structures are routinely exercised once each month; however, during hurricane season the structures are exercised twice each month.

Mr. Doody advised that the Jefferson Parish Council adopted a resolution on April 30th opposing Senate Bills 79 and 629, which would dilute the independence of the SLFPA-E Board. The St. Bernard Parish Council and the New Orleans City Council adopted similar resolutions.

Mr. Doody reported that the Association of Levee Boards of Louisiana held its annual workshop in Baton Rouge on May 1-2. The workshop was attended by Mr. Doody, Mr. Estopinal, Mr. Wittie and Mr. Tilly. He reminded Board members that the training provided in the workshop meets the requirements that must be met every two years. He also reminded Board members that today is the deadline for the submittal of the required financial disclosure forms.

Mr. Doody advised that a conference call was held this morning with Senator Vitter concerning the Water Resources Development Act (WRDA) bill. The WRDA bill will be voted upon in both houses of Congress during the next week. The bill includes language that will assign the authority to operate and maintain the navigation features (Sector Gate and Barge Gate) in the IHNC Surge Barrier to the USACE with costs to be shared 65%/35% (federal/local). The authority does not include the Seabrook Complex and the remainder of the IHNC Surge Barrier (the wall). Funding for the USACE to operate and maintain the Surge Barrier navigation features must be appropriated. Senator Vitter felt confident that the funding included in the USACE's requested budget for FY 2015 for the operations and maintenance (O&M) responsibility will be approved. The WRDA bill also includes authorization for future levee lifts.

Mr. Doody announced that the Southeast Louisiana Flood Protection Authority-East will hold its regular monthly Board Meeting on June 19, 2014 at 9:30 a.m. at the St. Bernard Parish Council Chambers in the St. Bernard Parish Government Complex located at 8201 West Judge Perez Drive, Chalmette, Louisiana, during which the Southeast Louisiana Flood Protection Authority-East Board on behalf of the Lake Borgne Basin Levee District will adopt millage rates and a forced contribution per mile of railroad lines within the District for the year 2014 and certify the levy of the three millage rates (operational and maintenance taxes for constructing and maintaining necessary levees, levee drainage, flood protection, and all other purposes incidental thereto) and the forced contribution amount (for constructing and maintaining levees, levee drainage, and for all other purposes incidental thereto), to the Assessor and the Sheriff and ex officio tax collector of the parish of St. Bernard for the purpose of assessing and collecting the taxes.

ADOPTION OF AGENDA:

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

RESOLUTION NO. 05-15-14-01 - APPROVAL OF APRIL 17, 2014 BOARD MEETING MINUTES

On the motion of Mr. Wittie,
Seconded by Mr. Kemp, 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 17, 2014.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

PRESENTATIONS: None.

PUBLIC COMMENTS:

Craig Berthold commented that the levee along the 17th Street Canal is open to the public and is being used by pedestrians, bicyclers and vehicles. He expressed concern about the property owners not being able to fence their property along the levee and the liability exposure with the public utilizing the steep levee and adjacent property. He asked that the Board look into this liability issue. Mr. Doody advised that he would discuss this issue with the operations staff.

Roy Arrigo commented concerning the motion to recognize certain Orleans Levee District Special Levee Improvement (SLIP) Fund commitments. He commented about the surplus predicted by the Rand Study and expressed concern that funding is being pre-booked for levee work in order to make the balance appear lower. Mr. Doody explained that the intention of the motion is primarily to formally recognize and record the funding to pay for the on-going lakefront seawall erosion control work.

Carol Byram commented about the traffic along the 17th Street Canal levee. She added that today marks the sixth year anniversary of the Board's vote impacting property along the 17th Street Canal.

COMMITTEE REPORTS:

Finance Committee: Mr. Tilly reported that the Finance Committee met on May 8th. A dividend check was presented at the Committee meeting by LWCC to the O.L.D. in the amount of \$81,021. The Committee discussed and recommended revisions to the Lake Borgne Basin Levee District (LBBLD) FY 2014 Budget and the LBBLD's purchase of a Hydraulic Crawler Excavator. The Committee considered and recommended several additional items, which have been placed on the Board agenda for approval.

Operations Committee: Mr. Wittie advised that he was unable to attend the Operations Committee meeting held on May 8th; however, the minutes of the meeting were distributed. Mr. Doody commented that the presentation provided by Tim Osborn, Regional Navigation Manager of the National Oceanic and Atmospheric Administration (NOAA) Office of Coast Survey for the Central Gulf Coast, to the Operations Committee concerning relative sea level rise was both informative and sobering. One of the recommendations made by Mr. Osborn involved the installation of hardened gages. The estimated cost to install a hardened gage is \$75,000 and the estimated annual O&M cost for a gage is \$15,000.

A status report was provided at the Operations Committee meeting on the establishment of a present condition baseline for Lakeshore Drive. The baseline would be used to compare the present condition of the roadway with the condition of the roadway upon completion of the Permanent Canal Closures and Pumps (PCCP) Project. Mr. Turner advised that he and Stevan Spencer, SLFPA-E Regional Chief Engineer, met with representatives of the USACE and the contractor. The contractor's position is that the establishment of a present condition baseline is not within the scope of work for the contract. The USACE agrees with the contractor's position. The USACE will provide a written response to the SLFPA-E explaining the reason the Federal government is not responsible for the repair of public roadways or infrastructure outside of the project boundaries. Mr. Wittie pointed out that the contractor did a video survey of the roadway; therefore, he must be aware of some potential liability. Mr. Turner advised that the SLFPA-E also proposed to the USACE that vibration monitoring take place along the lakefront seawall projects. The contractor's contention is that other trucks are utilizing Lakeshore Drive. The USACE has not yet expressed its opinion on this issue. The USACE is doing the required vibration analysis at the construction site. Mr. Hassinger noted that the USACE is in the process of requesting additional permanent rights-of-ways for the PCCP Project.

Legal Committee: Mr. Doody reported that the Legal Committee met today prior to the Board meeting. The Committee discussed the advertisement and issuance of a Request for Qualifications (RFQ) for general legal services. The Committee decided that the advertisement and issuance of the RFQ should be delayed due to pending legislation that could potentially affect the SLFPA-E's ability to hire attorneys. Staff will prepare the necessary paperwork to extend the current legal services contracts to the end of the calendar year. The Committee also discussed the approval of the legal services invoices listed on the spreadsheet dated May 15, 2014.

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

REGIONAL DIRECTOR'S REPORT:

Mr. Turner reviewed the highlights of the Regional Director's Report (copy appended to minutes). The following additional comments were offered:

- IHNC Surge Barrier Barge Gate – An inspection was conducted by divers and various means had to be utilized to clear some rock away from the gate's landing beams before it could be operated. The barge was set down and the gate was reopened. Large stone had been placed on either side of the sill for scour protection. It is suspected that some of the stacked rock may have rolled down and moved towards the sill during a high tide event. The USACE was asked to provide a copy of the survey performed by the contractor prior to the issuance of the Notification of Contract Completion (NCC) in order to assess the situation. It was determined that the permanent installation of scanning instrumentation on the structure is not feasible and that it would be more cost effective to require the divers to have the scanning instrumentation on their vessel to assist in locating obstructions. Mr. Luettich recommended regular side scan surveys around the gate.

Mr. Turner advised that the USACE determined that it will keep and maintain the velocity meter at the IHNC Surge Barrier and transmit the data to the maritime industry. The SLFPA-E entered into an agreement with the U.S. Geological Survey (USGS) for the velocity meter at Seabrook.

- Mr. Turner noted that the SLFPA-E is receiving a number of requests from individuals and local and international groups to tour the new Hurricane and Storm Damage Risk Reduction System infrastructure. An internal program and protocols are being developed to handle these requests.
- Mr. Turner met with Mr. Osborn and two additional representatives from NOAA to discuss the installation of hardened gages that are tied to a specific datum. NOAA will provide information on how it has partnered with other regional and state agencies. The SLFPA-E would have to pay for the installation and maintenance of the equipment. NOAA would handle the satellite uplinks and downlinks, verifying and publishing the data, and the development of forecast trends. Due to the use of GPS technology, a Continuously Operating Reference Station (CORS) would be tied directly to the gage readings. The primary need for a hardened gage is at the IHNC Surge Barrier. Discussions are needed with representatives from NOAA and the local weather service to determine the location of gages relative to surge forecasts for the installation of additional hardened gages. The additional data would assist in the initialization process for ADCIRC modeling. Mr. Luettich requested additional information on the proposed hardened gages and stressed the need for getting a system in place to monitor the levees. Mr. Doody pointed out the need for the additional data from the hardened gages in order to deal with future sea level rise. Mr. Estopinal stressed the need for a good CORS operating network that could be used for measuring fixed structures and would take into consideration subsidence and changes in sea level. He also pointed out the need for gravity readings at the CORS. Mr. Kemp commented on the importance of recording data through a storm event.
- LPV 144 – Bayou Dupre Structure – The USACE dewatered the structure, repaired the hinge and pintle assemblies on both gate leaves and changed the bearing material. The cause of the remaining issues on one of the gate’s leaves has not yet been determined. The USACE will decide in the next week or two on a path forward. Closing the structure during shrimping season would create problems. The gate is operational; however, the vibration could present a long term problem.

NEW BUSINESS:

**RESOLUTION NO. 05-15-14-02 –
APPROVAL OF EMERGENCY OPERATIONS PROCEDURES MANUALS AND
COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

Mr. Turner explained that a Comprehensive Emergency Management Plan, the umbrella plan for the entire organization, was developed this year. The Plan is National Incident Management System (NIMS) compliant. It sets up an incident command post and outlines responsibilities within the organization and the required actions and coordinations during an event. Changes will be made to update and better the Plan.

On the motion of Mr. Hassinger,
Seconded by Mr. Wittie, 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, 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. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luettich, Mr. Tilly and
Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-03 - ID-IQ CONTRACTS FOR PROFESSIONAL ENGINEERING AND SURVEYING SERVICES

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

WHEREAS, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) advertised Requests for Qualifications (RFQ) for Professional Coastal, Geotechnical and Hydraulic Engineering Services and for Professional Surveying Services, and after using a competitive selection process, selected and approved certain firms from which to contract services on an Indefinite Delivery-Indefinite Quantity (ID-IQ) basis for the SLFPA-E and the levee districts under its jurisdiction; and

WHEREAS, the SLFPA-E entered into Agreements for Professional Services with the selected and approved firms for a term of two years, commencing in 2012 and

ending on June 30, 2014, with an option to renew said Agreements for a period of one year; and

WHEREAS, the SLFPA-E wishes to exercise the one-year renewal option provided in the Agreements for the above mentioned professional services.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves exercising the one-year renewal option provided in the Agreements for Professional Services for Professional Coastal, Geotechnical and Hydraulic Engineering Services and for Professional Surveying Services on an ID-IQ basis.

BE IT FURTHER RESOLVED, that the President or SLFPA-E Regional Director are 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. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luettich, Mr. Tilly and
Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-04 - TETRA TECH AGREEMENT FOR PROFESSIONAL SERVICES – EXERCISE OF ONE-YEAR RENEWAL OPTION

Mr. Turner advised that the Provisionally Accredited Levee (PAL) agreement with FEMA expires in August, 2014. Work may extend slightly beyond the PAL agreement expiration date; however, this should not present a problem with FEMA.

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

WHEREAS, the Maxent Levee in New Orleans East and the Forty Arpent Levee in the Lower Ninth Ward and St. Bernard Parish must meet certification requirements in order to be accredited by FEMA for the National Flood Insurance Program; and

WHEREAS, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) advertised and issued a Request for Qualifications for Professional Engineering Services to assist in the evaluation and certification of the above non-federal levees; and

WHEREAS, the SLFPA-E approved the selection of Tetra Tech to provide the above mentioned professional engineering services and executed an Agreement for Professional Services with said firm dated February 8, 2013; and

WHEREAS, the Agreement shall expire on June 30, 2014 unless the SLFPA-E extends the period of service for a one-year option period; and

WHEREAS, a number of tasks must still be accomplished in order for the non-federal levees to meet FEMA certification requirements.

BE IT HEREBY RESLVED, that the Southeast Louisiana Flood Protection Authority-East approves exercising the one-year renewal option provided in the aforementioned Agreement for Professional Service with Tetra Tech.

BE IT FURTHER RESOLVED, that the President or SLFPA-E Regional Director are 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. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luettich, Mr. Tilly and
Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-05 - GEC, INC. AGREEMENT FOR PROFESSIONAL SERVICES - EXERCISE OF ONE-YEAR RENEWAL OPTION

Mr. Turner explained that GEC, Inc. was retained to assist in determining staffing requirements for the major complex structures and to develop procedures associated with the structures. GEC is currently working on a training program.

On the motion of Mr. Wittie,

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

WHEREAS, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) advertised and issued a Request for Qualifications for the development of a comprehensive Operations and Maintenance Plan for the Hurricane and Storm Damage Risk Reduction System (HSDRRS) Storm Surge Barriers and associated closure structures and navigation gates; and

WHEREAS, the SLFPA-E approved the selection of GEC, Inc. for the development of the aforementioned plan and executed an Agreement for Professional Services with said firm dated November 5, 2012; and

WHEREAS, the Agreement shall expire on June 30, 2014 unless the SLFPA-E extends the period of service for a one-year option period; and

WHEREAS, additional services, such as staff training, are required under the aforementioned contract.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves exercising the one-year renewal option provided in the aforementioned Agreement for Professional Services with GEC, Inc.

BE IT FURTHER RESOLVED, that the President or SLFPA-E Regional Director 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. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luettich, Mr. Tilly and
Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

Motion to authorize the advertisement and issuance of a Request for Qualifications for general legal services for the SLFPA-E and the levee districts under its jurisdiction.

A motion was offered by Mr. Tilly, seconded by Mr. Wittie and unanimously adopted, to defer the advertisement and issuance of a RFQ for general legal services. Mr. Doody advised that action would commence to extend the current legal services agreements until the end of the calendar year.

RESOLUTION NO. 05-15-14-06 - APPROVAL OF LEGAL INVOICES

On the motion of Mr. Wittie,
Seconded by Mr. Luettich, 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 15, 2014”, 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 provided to members of the Legal Committee.

BE IT HEREBY RESOLVED, that the legal invoices listed on the spreadsheet entitled “Legal Invoices Approved on May 15, 2014” are hereby approved.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-07 – CONSTRUCTION OF LEVEE LIFTS

Mr. Turner explained that it is not yet known whether the provisions in the WRDA bill relative to levee lifts will be retroactive. Therefore, an attempt is being made to ensure that any funds expended by the levee districts for lifts in advance of the armoring program would be creditable towards the local cost share. The Project Partnering Agreement between the State and Federal government specifically excludes future levee lifts due to subsidence and sea level rise from the local sponsor’s Operation and Maintenance, Repair, Replacement and Rehabilitation (OMRR&R) responsibilities. However, funding for the HSDRRS was appropriated through an emergency supplemental bill that did not include provisions for future levee lifts. Similar resolutions are anticipated to be adopted by the SLFPA-E’s partners. Mr. Doody requested that the resolution before the Board include wording relative to consolidation. There was no objection to the additional wording. Mr. Luettich recommended that a similar resolution be drafted and adopted requesting that the USACE do the levee lifts. The recommended resolution will be placed on the June Board agenda.

On the motion of Mr. Estopinal,
Seconded by Mr. Luettich, 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 enough to 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 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 exceedance) design requirement; and

WHEREAS, the U.S. Army Corps of Engineers (Corps) is finalizing plans to armor many of the HSDRRS levees to prevent scour and breaching that could occur during an overtopping event; and

WHEREAS, the Corps’ latest cost estimate for the armoring effort exceeds \$245 million; and

WHEREAS, many of the HSDRRS levee segments that require armoring are undergoing rapid subsidence due to a number of factors, including poor soil conditions, and will require lifting in less than 10 years to maintain the calculated 100-year design elevation; and

WHEREAS, if such levees are armored before being lifted to account for subsidence, the armor will have to be removed and replaced when the levees are lifted in the future; and

WHEREAS, Corps estimates show that approximately \$75 million in armoring expenditures is for armoring levee segments that must be lifted before 2017; and

WHEREAS, Corps estimates also show that approximately \$183 million in armoring expenditures is for armoring levee segments that must be lifted before 2023; and

WHEREAS, it is unwise to waste millions of dollars armoring levees that must be lifted in a few years; and

WHEREAS, to avoid such waste and extend the useful life of the Corps' armoring effort, the Southeast Louisiana Flood Protection Authority-East has proposed funding and constructing lifts on certain levee segments before the Corps armors them in order to achieve a minimum 10-year life for the initial armoring effort; and

WHEREAS, such levee lifts were never intended to be an operation and maintenance requirement paid for exclusively by the Non-Federal Sponsor, as evidenced by Article II E of the Project Partnership Agreement for the Lake Pontchartrain and Vicinity (LPV), Louisiana Project dated 22 September 2008 which states, "... Nothing in this Agreement is intended to require the Non-Federal Sponsor to perform future measures to restore the New Work to the authorized level of protection to account for subsidence or sea level rise as a part of its OMRR&R responsibilities."; and

WHEREAS, Corps attorneys have stated that current authorities prohibit the inclusion of costs of levee lifts required to address subsidence and sea level rise in the total project cost, and therefore any Non-Federal Sponsor funds expended to lift levee segments to account for subsidence and sea level rise prior to armoring cannot be "credited" to reduce the Non-Federal cost share requirements for the LPV and WBV Projects.

NOW THEREFORE BE IT RESOLVED that the Southeast Louisiana Flood Protection Authority-East hereby requests Congress to enact legislation authorizing funds expended by the Non-Federal Sponsor to lift HSDRRS levees to account for sea level rise and subsidence caused by localized consolidation, global, geologic sinking of the Mississippi delta, and other natural factors to be creditable to reduce the Non-Federal cost share requirements for the LPV and WBV Projects.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-08 – EJLD MILLAGE CERTIFICATION

Mr. Wittie read the resolution in its entirety and conducted a roll call vote.

On the motion of Mr. Wittie,
Seconded by Mr. Tilly, 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 2014 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 2014, 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. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luettich, Mr. Tilly and Mr. Wittie

NAYS: None

ABSTAINED: None

ABSENT: Mr. Angers and Mr. McHugh

**RESOLUTION NO. 05-15-14-09 –
ORLEANS LEVEE DISTRICT MINERAL LEASE NOMINATION**

Mr. Hassinger commented on the inconsistency in leasing property for oil, gas and mineral exploration and being in litigation with the oil and gas industry. Mr. Doody stated that the SLFPA-E is not opposed to oil and gas exploration and that it just wants the industry to comply with its permits. Mr. Tilly added that companies would be required to adhere to regulatory requirements.

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

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East (on behalf of the Orleans Levee District) has determined that the Orleans Levee District may hold mineral interests in and under immovable property described in Resolution Exhibits “A”, “B”, “C” and “D”, attached hereto and made a part hereof;

BE IT FURTHER RESOLVED, that the Southeast Louisiana Flood Protection Authority-East (on behalf of the Orleans Levee District) has determined that it desires to take advantage of LSA R.S. 30:152 (A), et seq., to authorize the Louisiana State Mineral and Energy Board to nominate on behalf of the Orleans Levee District for state agency mineral lease the mineral interests the Orleans

Levee District may hold in and under the immovable property described in the attached Resolution Exhibits "A", "B", "C" and "D"; and

BE IT FURTHER RESOLVED, by the Southeast Louisiana Flood Protection Authority-East, in legal session convened, that it does hereby direct and authorize the Louisiana State Mineral and Energy Board and the Office of Mineral Resources to accept nominations, advertise for, accept and award bids, and execute all oil, gas and mineral leases pertaining to the interests the Orleans Levee District may hold in or under the immovable property described in the attached Resolution Exhibits "A", "B", "C" and "D".

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

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

NAYS: Mr. Hassinger

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-10 - REFUND TO ALGIERS LEVEE DISTRICT OF AMOUNT PREVIOUSLY PAID AS PART OF THE COMPROMISE & SETTLEMENT AGREEMENT, RECOGNIZING FEMA REFUND TO ORLEANS LEVEE DISTRICT

Mr. Doody explained that the Orleans Levee District's (O.L.D.) repayment of the Community Disaster Loan (CDL) included tax revenues for the Algiers Levee District's pro-rata share of the loan. A promise was made to the Algiers Levee District that if the CDL was forgiven, their portion of the repayment would be refunded. The CDL was forgiven by the Federal government.

On the motion of Mr. Wittie,

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

WHEREAS, a Compromise and Settlement Agreement was executed between the Orleans Levee District and the Algiers Levee District on February 13, 2012, relating to specified outstanding debt issues, claims relating to the Non-Flood assets and Bohemia properties of the Orleans Levee District, and the direct receipt of the taxes of the Algiers Levee District; and

WHEREAS, in addition to other consideration, the Algiers Levee District paid to the Orleans Levee District funds equivalent to an agreed upon pro-rata share (7.62%) of the debt and debt service defined in the agreement; and

WHEREAS, the amount paid by the Algiers Levee District for its pro-rata share of the above mentioned debt included \$337,348.11 for 7.62% of the payoff of Federal Emergency Management Agency (FEMA) Community Disaster Loans (CDL); and

WHEREAS, on April 24, 2014, pursuant to changes made in the underlying program subsequent to the Compromise and Settlement Agreement, the Orleans Levee District received a full refund of the payment previously made to FEMA of \$4,427,140.57 for the CDL.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the reimbursement of \$337,348.11 by the Orleans Levee

District to the Algiers Levee District as a refund of the Algiers Levee District's previous payment to the Orleans Levee District as part of the Compromise and Settlement Agreement dated February 13, 2012.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

**RESOLUTION NO. 05-15-14-11 – FY 2014 ORLEANS LEVEE DISTRICT
GENERAL FUND BUDGET REVISIONS**

Mr. Doody advised that an amendment to the budget is required for changes in excess of five percent. The Finance Committee reviewed and recommended the revisions to the FY 2014 O.L.D. Budget.

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

WHEREAS, by Resolution No. 3-21-13-06, the Authority approved the General Fund Operating budget and the Special Levee Improvement Fund budget for Fiscal Year 2014 to provide for required expenditures for personnel services, contractual and professional services, operating supplies, equipment, annual debt service and capital projects; and

WHEREAS, legal settlements were reached not contemplated in the budget; and

WHEREAS, a unexpected refund of the District's previous payment toward the Community Disaster Loan was received; and

WHEREAS, the Orleans Levee District will not be required to spend as much as had been contemplated on contractual services related to the surge barriers; and

WHEREAS, the following summarized adjustments are determined to reflect the currently projected financial results of the General Fund of the Orleans Levee District based on the latest revenue and expenditure information:

ORLEANS LEVEE DISTRICT GENERAL FUND

	Original Budget 2014	Recommended Changes	Revised Budget 2014
	(In Thousands)		
Recurring Revenue	17,263	483	17,746
Refund on CDL	0	4,427	4,427
Operating Expenses	(16,784)	3,238	(13,546)
Settlements/Other	(150)	(10,217)	(10,366)
Refund to Algiers LD	0	(337)	(337)
Surplus / (Deficit)	329	(2,406)	(2,077)

BE IT HEREBY RESOLVED, That the revisions to the Fiscal Year 2014 General Fund Budget are approved.

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

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

NAYS: None

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

RESOLUTION NO. 05-15-14-12 - COMMITMENT OF A PORTION OF THE FUND BALANCE OF THE O.L.D.'S SPECIAL LEVEE IMPROVEMENT FUND

Jim Bollinger, O.L.D. Comptroller, explained that the requested commitment is primarily related to the lakefront seawall erosion control project. The resolution sets aside a portion of the fund balance for recognized commitments of significant dollars and informs the readers of the financial statements about the commitment. In addition, the O.L.D. will incur extremely high maintenance costs every five years for the complex structures. Therefore, the intention is to set aside a certain amount of money each year into a sinking fund so that sufficient funds will be available to meet the five-year maintenance commitments.

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

WHEREAS, the Orleans Levee District (O.L.D.) plans to construct certain identified major projects that will be funded through Special Levee Improvement (SLIP) Fund revenues; and

WHEREAS, the cost of the major projects identified to-date is a significant commitment of funds currently estimated at \$30 million; and

WHEREAS, the O.L.D. also wishes to recognize an annual commitment of \$2 million towards the scheduled major maintenance of the Hurricane and Storm Damage Risk Reduction System Complex Structures; and

WHEREAS, the estimated effect of the recording of the commitments on the records of the O.L.D. would be as follows:

	FY 14 Latest Estimate
Estimated Change in Fund Balance for Fiscal 2014	\$ 4,001,875
Beginning of Year Fund Balance	\$ 60,628,028
Subtotal	\$ 64,629,903
Committed to identified projects	\$ 30,000,000
Committed to Complex Structure Maintenance	\$ 2,000,000
Assigned to other projects and O&M	\$ 32,629,903

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East wishes to formally recognize the aforementioned commitment of \$32 million of the Special Levee Improvement (SLIP) Fund's fund balance by recording that commitment on the accounting records of the Orleans Levee District.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

**RESOLUTION NO. 05-15-14-13 –
APPROVAL OF LBBLD FY 2014 BUDGET AMENDMENT**

Mr. Doody pointed out that the LBBLD budget must be amended since the construction of the safe rooms and certain pump station repairs that are being funded through a Hazard Mitigation Program Grant were not completed in FY 2014. The budget revisions were reviewed and recommended by the Finance Committee.

On the motion of Mr. Estopinal,
Seconded by Mr. Wittie, 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, 2014 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, 2014.

**LAKE BORGNE BASIN LEVEE DISTRICT
AMENDED BUDGET
FOR FISCAL YEAR ENDING JUNE 30, 2014**

<u>REVENUES:</u>	CURRENT BUDGET	AMENDED ITEMS	AMENDED BUDGET
Taxes	\$ 3,500,000	-	3,500,000
Intergovernmental	11,070,000	(10,890,000)	180,000
Insurance proceeds	-	-	-
Charges for services:			
Permits	3,000	-	3,000
Rents and leases	-	-	-
Oil and gas royalties	-	-	-
Investment income	7,500	-	7,500
Cost sharing allocations from affiliates	-	-	-
Miscellaneous	-	-	-

Total revenues	14,580,500	(10,890,000)	3,690,500
<u>EXPENDITURES</u>			
FLOOD AND DRAINAGE PROTECTION:			
Personnel services	2,483,950	-	2,483,950
Travel	2,800	-	2,800
Contractual services	158,350	-	158,350
Materials and supplies	1,575,950	(1,200,000)	375,950
Professional services	170,200	-	170,200
Other charges	2,426,250	(1,570,000)	856,250
Cost sharing allocations to affiliates	150,000	-	150,000
Machinery and equipment	8,120,000	(8,120,000)	-
Hurricane expenses	-	-	-
Total expenditures	15,087,500	(10,890,000)	4,197,500
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Excess of revenues over expenditures	\$ (507,000)	-	(507,000)
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OTHER FINANCING SOURCES (USES)	-	-	-
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NET CHANGES IN FUND BALANCES	\$ (507,000)	-	(507,000)
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FUND BALANCE AT BEGINNING OF YEAR	4,767,000	-	4,767,000
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FUND BALANCE AT END OF YEAR	\$ 4,260,000	-	4,260,000

BE IT HEREBY RESOLVED, that the revisions to the Lake Borgne Basin Levee District Fiscal Year Ending June 30, 2014 Budget are approved.

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

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

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

RESOLUTION NO. 05-15-14-14 - LBBLD – AUTHORIZATION TO AWARD PURCHASE OF HYDRAULIC CRAWLER EXCAVATOR WITH TIER IVa ENGINE

Mr. Doody advised that the award of the purchase of the equipment was reviewed and recommended by the Finance Committee. The equipment is required for canal maintenance.

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

WHEREAS, the Lake Borgne Basin Levee District (LBBLD) advertised and received bids for one (1) Hydraulic Crawler Excavator with Tier IVa Engine; and

WHEREAS, the bids have been reviewed, and the lowest responsive and responsible bid was submitted by CLM Equipment Co., Inc. in the amount of \$161,742.00.

BE IT HEREBY RESOLVED, that the LBBLD Executive Director is authorized to award the bid for one (1) Hydraulic Crawler Excavator with Tier IVa Engine in the amount of \$161,742.00 to CLM Equipment Co., Inc.

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

YEAS: Mr. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. Luetlich, Mr. Tilly and
Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. McHugh

Motion to authorize the LLBLD Executive Director to execute a Cooperative Endeavor Agreement between the LBBLD and St. Bernard Parish Government for the construction of the Central Wetlands Assimilation – Riverbend Project, subject to approval of the CEA by LBBLD counsel.

Mr. Turner explained that the permit has not yet been approved for the Central Wetlands Assimilation – Riverbend Project. A motion was offered by Mr. Estopinal, seconded by Mr. Wittie and unanimously adopted, to defer the motion.

The next regular monthly Board meeting will be held on June 19, 2014 and hosted by LBBLD.

There was no further business; therefore, the meeting was adjourned at 11:00 a.m.

SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

REGIONAL DIRECTOR'S REPORT

May 15, 2014

HSDRRS Project Status Update

IHNC-02 - Lake Borgne Surge Barrier Complex The Orleans Levee District (OLD) continues conducting monthly barge exercises. A notification system developed to keep the Army Corps of Engineers (Corps), the US Coast Guard and the navigation industry informed of these exercises is operational. The OLD also conducted diving inspections at the three structures on May 12 in preparation for the June 1 start of hurricane season. Prior to closing the gates, divers cleared some rock away from the area of the barge gate landing beams.

The Corps has not yet responded to the "Distress Report" filed as a result of the April 14, 2014, allision, which occurred when a string of barges under tow through the Sector Gate struck its northern leaf and southern leaf and resulted in what appears to be minimal damage to the fender system. The USCG is also reviewing the incident.

IHNC-01 – Seabrook Complex The Corps continues to review the state Coastal Protection and Restoration Authority report on Vertical Lift Gate paint problems.

LPV-01.2 - Foreshore Protection Reaches 1&2 Work is scheduled to begin in early June to repair substantial erosion along the landward interface between the rock and the soil embankment. Previous Corps' efforts to repair this area were unsuccessful, and the agency postponed NCC issuance until September of this year.

LPV-105.02 T-wall monolith replacement across from Lakefront Airport is complete, as is turf establishment and site grading. The NCC was issued in February.

LPV-109.02a - Levee Enlargement for South Point to CXS Railroad and US11 and US 90 Floodgates The work to address current and future problems resulting from excessive settlement of the Highway 11 floodgate is complete. Repairs to the emergency by-pass road adjacent to the gate at Hwy. 11 is also finished and the slope pavement replaced. During a May 7 project "site ride" with OLD, the Corps and CPRA, vegetation encroachments, turf establishment issues and ruts/rills were noted. Those must be addressed before a final inspection. The Corps has scheduled this project for NCC in June.

LPV-111 - CSX RR to Michoud Canal Construction began March 31 to add up to 12 inches of fill to about 6,000 linear feet of levee currently below design

grade; however, the work has been stopped until an acceptable borrow source is found. The construction delay is also postponing NCC.

LPV-144 - Bayou Dupre The recent replacement of hinge and pintle assemblies has not fully corrected an issue in the west leaf, which emits grinding sounds when moving.

LPV-145A - Bayou Bienvenue Bridge The contractor will begin driving piles the week of the May 19 and is scheduled to finish by next (2015) hurricane season.

LPV-149 - Caenarvon Structure The Corps is investigating paint peeling off the floodside skin plate of the Sector Gates.

LPV-149AR - Access Road at Caenarvon A pre-final inspection was held on April 11, 2014. A final inspection will take place after turf is established.

LPV-149A - Floodwall Tie-in to the MRL at Caenarvon Work on the monolith base slab started in late March, and the final wall stem is being poured this week. Construction is scheduled to finish by mid-June.

Outfall Canals The installation of more sheet pile along the London Ave Canal and west side of the 17th St. Canal (OFC-07) is underway. The Corps hopes to accelerate this project, which is behind schedule partly because a contractor protested the original award. Contractors doing the work have not yet submitted their plans for removing work barges from the canals if required to do so during the hurricane season. The project is not scheduled for completion until November.

As part of an environmental assessment, the 17th Street Canal bank protection project (OFC-08) underwent 30 days of public review. The Corps is preparing responses to the review comments and finalizing the "Finding of No Significant Impacts" Report. A right of entry request will be submitted shortly to the Non-Federal Sponsor. The project is scheduled to be awarded in mid-June and completed in January 2015.

Permanent Canal Closures and Pumps (PCCP) Please check the New Orleans District web site www.mvn.usace.army.mil/missions/hsdrrs/pccp.aspx for details and daily updates on this last major HSDRRS perimeter project.

Armoring The Non-Federal Sponsor is currently making written comments to a revised version of the Armoring Engineering Alternative Report (EAR), and the award of system-wide armoring installation contracts is scheduled to begin this summer. Additionally, SLFPA-E, SLFPA-W and CPRA are also investigating with the Corps the possibility of raising some of these levees, at local cost, before they are armored. Raising them in advance of armoring could ultimately save local taxpayers millions of dollars in armoring replacement costs. A meeting is

scheduled between all parties next week to finalize which levees will get the additional lifts and to work out other details.

Mississippi River Projects

Jefferson Heights The contractor is placing embankment material in the first 5,000-ft section and preparing to clear and grub the second 5,000 feet. Approximately two miles of the bike path are currently out of service due to the construction that is adding height to the river levee in Jefferson Parish.

Carrollton Project Work remaining on the north end of this project (adjacent to Jefferson Parish) includes: removing the silt fence along the levee, spot patching the asphalt path, returning the rock parking lot near Cooter Browns to its original state, removing trash and growing sufficient grass. On the south end, the levee enlargement is complete, but work continues on ramps at the BISSO Marine entrance. All work is to be finished by the end of this month.

SBPS- 07 – Repairs to LBBLD Pump Stations #2 and #3 The schedule for award of the construction contract slipped from February to June 2014.

Internal Affairs

Non-Federal Levee Certification

Geotechnical field investigations and lab tests are complete in St. Bernard and most of Orleans, except at Florida Avenue and the IHNC tie-in, and land surveying is finished in all locations.

The initial sheet pile testing and assessment report for the 40-Arpent Levee indicates that a 2,500 linear foot section of piling requires spot repairs.

Alternative designs for a new closure at the Shrimp Factory in St. Bernard were developed by the consultant and discussed with the property owner. The preliminary cost estimate for this work is about \$3 million, and we have requested \$2 million in state capital outlay funds to help finance the project. The geotechnical scope of work will be revised to include \$225,000 for the design of the Shrimp Factory closure. This revision will not lead to a change in the overall cost, as the actual geotechnical costs are lower than estimated.

We meet bi-monthly with our consultant to discuss progress of repairs and alternate closures.

LBBLD O & M Funding Workshops A \$32,780 task order was executed with GCR to plan and facilitate workshops focused on how LBBLD will pay for the rising cost of operating and maintaining the greatly expanded HSDRRS levees, flood walls and floodgates in St. Bernard. The first workshop will outline the

issues and challenges, and the second will identify and discuss possible solutions.

Public Relations/Media Relations An agreement not to exceed \$5,000 was signed with Schulken Communications to assist SLFPA-E in the writing, dissemination and coordination of news alerts, releases, briefings and the like during the 2014 Hurricane Season.

Training The OLD's Complex Structures Team continues to evolve its training program, becoming ever more familiar with the operation and maintenance of HSDRRS complex gated navigational structures.

Emergency Preparedness The Mississippi River crested at 12.75' on April 22 and has fallen slowly since then. As a result, daily inspections were terminated on May 1, and no damage was noted. The Mississippi River level at the Carrollton Gage in New Orleans is at approximately 10.5' and may rise to 11.0' by the weekend, but surveillance activities should not be needed.

Hurricane Season Preparation SLFPAE staff is accompanying the Coast Guard on regular boat rides to inventory barges in the IHNC that must be evacuated in advance of certain tropical storms and hurricanes. The tours will continue monthly throughout the 2014 season.

Emergency Manuals We have submitted today for your approval our updated Emergency Operations Procedures Manuals for each levee district, as well as SLFPA-E's Comprehensive Emergency Management Plan that establishes procedures for handling emergencies. We provided you with draft copies of all four plans a week ago. We will continue to evaluate our plans year-round, incorporate lessons learned and revise as needed to try and ensure the most efficient, effective emergency management practices.

Exercises A Hurricane Tabletop Exercise is scheduled May 19 with the Corps, CPRA, both regional levee authorities, local levee districts, the National Weather Service and other partners. Additionally, HSDRRS complex gates and structures on the East Bank will be operated on Wednesday, May 28, as part of another preparedness drill coordinated by the Corps. The exercise will be repeated on the West Bank the following day, and a "media day" for the system and its complex structures has been scheduled by the Corps for May 30 at various sites throughout the system.

SLFPA-E staff participated in a Joint Hurricane Team Coordination Meeting at the Port of New Orleans this week, and SLFPA-E Board President Tim Doody appeared on WWL- TV with Corps Commander Robert Hansen and the SLFPA-W Board President to discuss the region's readiness for the 2014 Hurricane Season.

Seawall Erosion Protection Project (Reaches 1A, 1C, 2A, 2C, 2D, 3A, 3B, 3C, and 5B) Thirteen Requests for Qualifications were submitted for the design phase of this project; three were short-listed and subsequently interviewed. Negotiations are underway with the top-ranked company.

Meetings and Items of Note:

The CPRA board will meet in regular session on May 21, at 9:30 am in the LaSalle Building's LaBelle Room, 617 N. Third St. in Baton Rouge.

Levee District Construction Projects:

Project	District	Status	Comments
Seawall Steps Erosion – Phase 1B	OLD	80% complete	NC
OLD Franklin Facility Parking Lot Improvements Landscaping Plan	OLD	80% complete	NC
IHNC Florida Ave. Bridge Sheet Pile	OLD	100% complete	
Floodgate & Floodwall Repairs	OLD	50% complete	NC
MRT and IHNC Vegetation Removal	OLD	0% complete	Work delayed due to high river crest.
MRT Poydras to Canal vegetation removal	OLD	60% complete	Notice to Proceed issued
Seawall Steps Erosion Phase 4&5	OLD	1% complete	Notice to Proceed Issued

Levee District Project Designs and Studies

Project	District	Comments
Lakefront Seawall Area Reaches 4&5	OLD	Design complete; Construction Administration 1%
Lakefront Seawall Area Reach 2B	OLD	Design 40% complete
Floodgate Seal Repairs	OLD	Design complete; Construction Administration 50% complete
IHNC St. Claude Bridge Drainage	OLD	Design 25% complete.
Phase 1 for engine upgrades at Pump Stations 1&4 HMGP approved by FEMA	LBBLD	Design contract awarded; 65% complete project ongoing
Phase 1 for Safe Room Design HMGP approved by FEMA	LBBLD	Design submitted to FEMA Region 6 for Phase 2 approval
Pump Station #6 pump repair and hangers at P.S. #7	LBBLD	P&S at 100%; advertise when erosion control project is complete
Pump Station #6 Erosion Repair	LBBLD	P&S at 100%; advertise for construction bids in May 2014
Floodgate #9 renovation	LBBLD	P&S at 100%; advertise for construction bids in May 2014
PM Support to LBBLD Staff for HMGP Projects	LBBLD	Ongoing; provides staff augmentation for LBBLD HMGP projects.
Safe house & Consolidated Facility	EJLD	The architect is proceeding with the design and Eustis is going forward with the necessary soil borings at the site. Acquisition of the essential remaining parcels for the new facility is being completed. Project team working to resolve traffic pattern concerns with adjacent cemeteries in advance of submitting a Planned Unit Development application to the City of Kenner by June 11th.