

**MINUTES OF THE  
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY–EAST  
BOARD MEETING  
THURSDAY, MAY 21, 2015**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority-East (Authority or SLFPA-E) was held on Thursday, May 21, 2015, in the Orleans Levee District Franklin Administrative Complex, 6920 Franklin Avenue, Meeting Room 201, New Orleans, Louisiana, after due legal notice of the meeting was sent to each Board member and the news media and posted.

Mr. Estopinal called the meeting to order at 9:30 a.m. and led in the pledge of allegiance.

The roll was called by Mr. Wittie and a quorum was present:

**PRESENT:**

Stephen V. Estopinal, President  
Lambert J. Hassinger, Jr., Vice President  
Louis E. Wittie, Secretary  
Wilton P. Tilly, III, Treasurer  
Jefferson M. Angers  
Tyrone Ben  
G. Paul Kemp  
Kelly J. McHugh

**ABSENT:**

Richard A. Luettich, Jr.

**OPENING COMMENTS:** None.

**APPROVAL OF AGENDA:**

The agenda was amended and adopted by a unanimous roll call vote to include a presentation by Tremaine & Associates, Inc. on Underground Survey Technology and a motion that was recommended by the Coastal Advisory Committee to be placed under New Business concerning the construction of levee lifts prior to armoring.

**RESOLUTION NO. 05-21-15-01 – APPROVAL OF APRIL 16, 2015 BOARD MEETING MINUTES AND MAY 14, 2015 SPECIAL BOARD MEETING MINUTES**

On the motion of Mr. Tilly,  
Seconded by Mr. Ben, 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 16, 2015 and the Special Board Meeting held on May 14, 2015.

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

YEAS: Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Angers and Mr. Luettich

## **PRESENTATIONS:**

### **1. Underground Survey Technology – Tremaine & Associates, Inc.**

Mr. Kemp introduced John Lopez and Kim Tremaine, co-owners of Tremaine & Associates, Inc., a California based company. Tremaine & Associates developed a technique to geophysically assess the interior and ground beneath levees. Mr. Lopez and Ms. Tremaine toured the SLFPA-E's levee system and provided a presentation to the Coastal Advisory Committee at its May 20<sup>th</sup> meeting.

Mr. Lopez advised that Tremaine & Associates, Inc. (Tremaine) is an archaeological company started in 1994. He explained how Tremaine's technology was initially developed in order to locate buried historical features and archaeological sites and subsequently moved into the area of infrastructure. Mr. Lopez described the underground survey services provided by Tremaine and its work for the U.S. Army relative to the detection of tunnels along the U.S.-Mexican border. Receivers on Tremaine's mobile geophysical instrument picks up responses of objects or underground conditions to its emitted radio signal. Tremaine was able to collect data on 120 lane miles per day to a depth of approximately 30-ft. and data could be processed in the field enabling corrections to be made. Tremaine was then requested by the U.S. Army to improve its technology so that it could be used for detecting IEDs and weapons caches. The technology that was developed can collect data from 75 to 125-ft. deep, depending upon conditions, and is patented and owned by Tremaine. The technology can be changed from a frequency domain to a time domain instrument. Due to the need for high resolution and accuracy, the technology was combined with seismic data using ground penetrating radar (GPR).

Kim Tremaine described Tremaine's work in the Sacramento-San Joaquin Valley area under a FEMA hazard mitigation grant searching for potential hazards, such as discontinuities or anomalies, for mitigation, and their subsequent work in other locations investigating deficiencies in levee construction. Tremaine searches for hidden structural defects by integrating continuous high density geophysical data with historical data. An ATV is used to tow the instrument that includes a transmitter, three receivers and a GPS unit. The three receivers receive data on two different soil properties (apparent conductivity and magnetic susceptibility) from three different depths. The technology

allows rapid collection of baseline data, which can be combined with GPR to approximate the different geologic strata and features within the strata.

Mr. Lopez explained that Tremaine discovered that by placing certain technologies on wheels, rather than using a typical hand held device, a much larger, more comprehensive picture was produced and certain features became evident. The technology was used to reduce the number of bores required in a situation in California. The estimated cost for data collection is between \$600 and \$1,800 per line mile. The cost to collect baseline data is low and Tremaine works its client's engineers to determine the required studies.

Mr. Estopinal pointed out that GPR has been proven unsuccessful in this region because of the clay soils. Ms. Tremaine agreed that clay can be a problem with GPR. Tremaine works with the client to develop expectations and determine which technologies are appropriate before doing a survey. She added that there should be no problem with the clay soils using Tremaine's technology.

Mr. Kemp requested that the Board allow the Coastal Advisory Committee to further explore the technology's potential and possibly pursue a demonstration project. Mr. Estopinal commented that his sense of the Board is that it is in agreement with Mr. Kemp's request.

### **PUBLIC COMMENTS:**

Craig Berthold thanked the Board for its efforts towards resolving the issues of the residents along the 17<sup>th</sup> Street Canal and its leadership in allowing the SLFPA-E Executive Counsel to work with the residents. Mr. Hassinger thanked Mr. Berthold, Mr. Arrigo and Ms. Byram for taking their time to attend the Board's meetings and bringing the issues to the attention of the Board.

Thomas Tubre, Vice President of TKTMJ, Inc., introduced himself and informed the Board that TKTMJ just completed work on Reaches 4 and 5 within budget and on time. TKTMJ will be starting work on the Reach 2B Project.

### **COMMITTEE REPORTS:**

**Finance Committee:** Mr. Tilly reported that the Finance Committee met on May 14<sup>th</sup>. The following items were discussed and recommended for approval:

- The annual escrow of \$2 million by the Orleans Levee District (O.L.D.) for the significant periodic maintenance of the complex structures.
- The annual escrow of funding by the O.L.D. for post employment insurance benefits.
- The sale of surplus metals by the O.L.D. on behalf of the three levee districts.

The Finance Committee also discussed the Lake Borgne Basin Levee District's post election path forward, which is still under development by staff.

**Operations Committee:** Mr. Wittie reported that the Operations Committee met on May 14<sup>th</sup>. The following items were discussed and recommended for approval:

- The leasing of Pontchartrain Beach by the Lake Pontchartrain Basin Foundation (LPBF) from the O.L.D.. The LPBF proposes to implement certain improvements for the public use of the beach.
- The 2015 revised levee district Emergency Operations Procedures (EOP) manuals.
- A one-year extension of the agreement with Tetra Tech, Inc. for the certification of the non-federal levees.
- The award of a contract by the O.L.D. for the Mississippi River Floodwall Stop Log Replacement Project.
- The award of a contract by the O.L.D. for the Citrus Lakefront Levee Slope Paving Project at Read Blvd., Crowder Blvd. and Bullard Ave.
- The build out of office space for SLFPA-E staff at the New Orleans Lakefront Airport Terminal. He noted that the rent paid for leasing space in the Airport Terminal would be kept within the related agencies.
- The execution of an agreement with Tetra Tech, Inc. to provide risk assessment engineering services for a probabilistic performance analysis for the complex structures. Tetra Tech was selected by the Board after the issuance of a Request for Proposals and a competitive selection process.

**Legal Committee:** Mr. Hassinger reported that the Legal Committee met prior to the Board meeting. The primary issue was the discussion in Executive Session of the 17<sup>th</sup> Street Canal litigation. This issue will be further discussed by the Board in Executive Session and a motion has been placed on the Board agenda regarding the litigation.

**Coastal Protection and Restoration Authority (CPRA):** Mr. Hassinger advised that he was unable to attend the May 20<sup>th</sup> CPRA Board meeting.

**Coastal Advisory Committee:** Mr. Kemp reported that the Coastal Advisory Committee met on May 20<sup>th</sup>. The Committee recommended that a resolution be forwarded to the Board for approval concerning the levee lifts project.

## **REGIONAL DIRECTOR'S REPORT:**

Robert Turner, SLFPA-E Regional Director, reviewed the highlights of the Regional Director's Report (copy appended to minutes). He advised that the work done thus far under the SLFPA-E's Community Development Block Grants (CDBG) was audited during the past week by the State's administrators. He stressed the responsibility that goes along with the acceptance of grants and the need for compliance with all of the grant requirements. He noted that the Mississippi River is anticipated to jump back up above elevation 11-ft. at the Carrollton gage around the beginning of June. Surveillance of the river increases when the river rises above elevation 11-ft. A slow fall of the river level is predicted after June 1<sup>st</sup>. He advised that all of the complex structures are in operational order. There are some minor issues; however, none of the issues would prevent the closure of the structures.

Mr. Estopinal requested that the Executive Session be taken up later in the meeting. There was no objection.

**NEW BUSINESS:**

**RESOLUTION NO. 05-21-15-02 – AUTHORIZATION TO PERFORM LEVEE LIFTS PRIOR TO ARMORING BY THE U.S. ARMY CORPS OF ENGINEERS**

Mr. Kemp explained that the Agenda item “Recommendations regarding the construction of levee lifts prior to armoring” was technically replaced by the amendment of the agenda to include a motion on the recommendation for levee lifts. The sequence of the proposed lifts that will be required in the near future prior to armoring has been discussed. He pointed out that the risk is greater if the levees are armored and a lift is constructed in the near future when they are below the design grade, than if the armoring is delayed so that the levees can be raised at this time when they are at the approximate design grade.

Mr. Turner advised that the levee sections on the recommended list are the same as those listed several months ago. The list may be further refined as the design progresses. Much of the surveying work has been performed in order to come to the earlier decisions. Additional survey work has been commissioned for the cross sections that will be needed for the 408 Permit application and the geotechnical analysis. The resolution before the Board for consideration directs staff to proceed with the design and allows the Regional Director to develop a Memorandum of Understanding (MOU) with the CPRA in order for the SLFPA-E to take advantage of the CPRA’s expertise for the technical analysis. The CPRA with input from its consultants developed a procedure that is less costly than doing the standard soil borings. There will be some costs associated with the technical analysis. The MOU will be presented to the Board for approval. Once the analysis is completed and the survey information and soil parameters are refined, the SLFPA-E may find that some of the levee sections are not at a point that a lift should be constructed at this time. The resolution provides that this information will be presented to the Board for a final decision. Mr. Kemp pointed out that a map was provided indicating the particular levee reaches proposed for a lift.

Mr. Hassinger asked whether a Request for Qualifications (RFQ) for the design component had been developed. Mr. Turner replied that an RFQ had been prepared and is ready for solicitation. The RFQ was completed about two or three months ago. He pointed out that the actual design work cannot proceed until the surveying has been completed. The SLFPA-E’s Indefinite Delivery-Indefinite Quantity (ID-IQ) surveying consultants were used for the survey work. Mr. Hassinger asked could the RFQ be issued prior to the completion of the survey work. Mr. Turner responded that the RFQ could be issued around the same time as the completion of the survey work. He advised that the RFQ would be issued in the upcoming week. The RFQ must be advertised over a four week period. The results of the survey work will inform the SLFPA-E concerning the number of engineering firms that will be needed for the design

work and for which areas the firms are needed. He pointed out that the SLFPA-E did not want to retain an engineering firm for an area that will not be raised.

Mr. Hassinger suggested that the SLFPA-E Executive Counsel edit the resolution under consideration in order to make it more consistent with the Board's resolutions. Mr. Kemp pointed out the need to move forward as quickly as possible. Mr. Estopinal advised that the precise wording of the final resolution would be slightly edited; however, the final action would remain unchanged. He noted that further action is not required by the Board for the issuance of the RFQ. Mr. Turner pointed out that the establishment of a selection committee would be required. He advised that he is working with the SLFPA-E Executive Counsel on the development of an evaluation process.

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

**WHEREAS**, the U.S. Army Corps of Engineers (USACE) is beginning to perform \$250 million worth of armoring work on many of the Hurricane Storm Damage Risk Reduction System (HSDRRS) levees to prevent scour and breaching during overtopping events that produce storm surges and waves exceeding the 100-year (1% annual chance exceedance) design requirement; and

**WHEREAS**, the USACE maintains that it no longer has authorization to lift HSDRRS levees in the future or share in the cost of construction, placing the burden of future levee lift and re-armoring costs solely on local taxpayers; and

**WHEREAS**, many of the HSDRRS levee segments to be armored are built on soft soils and are undergoing rapid settlement due to a number of factors, causing the levees to lose elevation and requiring successive lifts in order to maintain authorized heights against subsidence and increasing sea level rise; and

**WHEREAS**, if some of these levee sections are armored prior to being lifted, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E), will incur an estimated additional \$180 million to remove, discard and replace the new armoring on various Lake Pontchartrain & Vicinity (LPV) and West Bank & Vicinity (WBV) levee segments that are not lifted prior to the USACE armoring project; and

**WHEREAS**, it is estimated that some \$75 million worth of that armoring will be lost before 2017, after little more than two years of use, in order to lift the most rapidly settling levees; and

**WHEREAS**, the SLFPA-E fully supports the armoring of HSDRRS levees with high performance turf reinforced mats to provide resiliency, but believes that it is poor stewardship of taxpayer money to waste millions of dollars armoring levees that must be lifted, some of them before 2017, and others before 2023, because the initial armoring will be discarded and replacement when the levees are lifted; and

**WHEREAS**, the SLFPA-E also has an interest in making prudent decisions now in order to extend the life of armored levees, thus saving tens of millions of dollars in future costs; and

**WHEREAS**, the SLFPA-E Regional Director and Regional Chief Engineer, in consultation with the SLFPA-E Coastal Advisory Committee, the Louisiana Coastal Protection and Restoration Authority, the USACE, a subject-matter consultant hired to advise the SLFPA-E on the levee lift project and other experts, recommend that the following sections of levee be lifted before they are armored: LPV 00.2, LPV 20.1, LPV 19.2, LPV 01.1, LPV 02.2, LPV-109, and LPV 111.

**BE IT HEREBY RESOLVED**, that the Regional Director is directed to proceed with any necessary analysis and design of these levee lifts, prior to armoring.

**BE IT FURTHER RESOLVED**, that the Regional Director shall proceed with the publication of a Request for Proposals for design and lift of levee segments LPV 00.2, LPV 20.1, LPV 19.2, LPV 01.1, LPV 02.2, LPV-109, and LPV 111, so that these levee segments can be lifted prior to armoring by the USACE.

**BE IT FURTHER RESOLVED**, that the Regional Director and Executive Counsel are authorized to negotiate a Memorandum of Understanding (MOU) with the CPRA for assistance with geotechnical analysis associated with the levee lift design work, which will be subsequently approved by the Board.

**BE IT FURTHER RESOLVED**, that the Regional Director shall immediately notify the Board should he determine during the design process that any or all portions of levee segments involved in these lifts are unnecessary.

**BE IT FURTHER RESOLVED**, that should the Regional Director determine that certain levee lifts are not required, and after Board approval, he shall notify the USACE that they may proceed with armoring the sections of levee that do not require lifting.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-03 – EXTENSION OF AGREEMENT FOR PROFESSIONAL SERVICES WITH TETRA TECH, INC.**

On the motion of Mr. Wittie,

Seconded by Mr. Ben, 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 expiring on June 30, 2014; and

**WHEREAS**, the SLFPA-E by Resolution No. 05-15-14-04 approved the extension of said Agreement for a one-year period ending on June 30, 2015, as provided under Article 5 of the Agreement, in order to accomplish a number of tasks required for the certification of the aforementioned levees; and

**WHEREAS**, the continued services of Tetra Tech, Inc. are required in order to complete the certification requirements for the Forty Arpent Levee.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves a one-year extension, commencing on July 1, 2015 and ending on June 30, 2016, of the aforementioned Agreement for Professional Services with Tetra Tech, Inc.

**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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-04 – APPROVAL OF EMERGENCY OPERATIONS PROCEDURES MANUALS AND COMPREHENSIVE EMERGENCY MANAGEMENT PLAN**

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

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

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

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

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) approves the Comprehensive Emergency Management Plan (the Plan) and the revised O.L.D., LBBLD and EJLD Emergency Operations



Procedures (EOP) Manuals for 2015, 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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

### **RESOLUTION NO. 05-21-15-05 – LEASING OF SLFPA-E OFFICE SPACE AT LAKEFRONT AIRPORT TERMINAL**

Mr. Estopinal explained that Mr. Luettich was unable to attend today's meeting; however, he had advised by email that he was not in favor of the move to the Lakefront Airport Terminal because it is located outside of the levee protection system.

Wilma Heaton, SLFPA-E Director of Governmental Affairs, thanked the Board for its consideration of this item and recognized that the Board had to make its decisions not only based on fiscal issues, but also on functionality. She pointed out that there are multiple issues that must be addressed. She advised that she discussed the issues with Mr. Luettich after receiving a copy of his email expressing his concern. She explained that the request is for the SLFPA-E to move its offices outside of flood protection; however, this move would be very symbolic. As the ten year anniversary of Hurricane Katrina nears, the public is receiving a false sense of security about the \$14+ billion Hurricane and Storm Damage Risk Reduction System (HSDRRS). In spite of the HSDRRS, everyone must be proactive. The SLFPA-E offices would be located on the second floor of the Airport Terminal; however, the SLFPA-E's Emergency Operations Center would remain in the Orleans Levee District's safe room. The SLFPA-E's backup server would not be located in the Airport Terminal.

Ms. Heaton commented that it is a disgrace that an airport with the economic significance of Lakefront Airport does not have flood protection. An application has been submitted for funding in the amount of \$67.7 million under a FEMA Hazard Mitigation Program Grant (HMPG) for flood protection for the Lakefront Airport. Letters of support have been received from former U.S. Senator Landrieu, Senators Vitter and Cassidy, and Congressmen Richmond and Scalise. Congressman Scalise's letter was provided as an example of the letters of support. In addition, Congressman Scalise met with the Deputy Administrator to FEMA Administrator W. Craig Fugate. Staff is very positive about the FEMA application and a decision regarding its acceptance should be received within the next several weeks. Issues with the application could go to arbitration, which is a 30-day process. Therefore, a decision regarding the FEMA application could be received prior to the build out of the office spaces. In addition, the

Non-Flood Protection Asset Management Authority (NFPAMA) has been diligently working with the Department of Transportation and Development on interim surge protection for the upcoming storm season. The FEMA HMPG would provide 100 percent Federal funding for the flood protection project. She advised the Board that she would provide status updates on the application and flood protection project.

Ms. Heaton advised that U.S. Customs and Border Patrol (Customs) will be occupying space on the first floor of the Terminal. It was noted that the windows of the Terminal did not need to be modified for Customs since they met the new Federal standards. She commented that the SLFPA-E needs to let the public know that it is wonderful that the Greater New Orleans area has upgraded flood protection; however, not everyone is protected. She stressed the importance of informing the public that everyone, even those individuals within flood protection, needs to be proactive (e.g., complying with evacuation orders and elevating technical and necessary equipment).

Ms. Heaton commented on her research of office space for SLFPA-E staff over the years since the Board's inception and the Authority's need to be centrally located at a cost within its budget. There will be a need for the SLFPA-E to address the issue of additional office space at its current location in the CERM Building in order to accommodate new staff members for regionalization. The SLFPA-E would recognize approximately \$30,000 per year in savings by moving to the Airport Terminal and the additional staff would be accommodated. The SLFPA-E would also have access as a tenant to over 2,000 square feet of conference space in the Airport Terminal at no cost. The build out of the conference space would be included with the SLFPA-E's build out of office space. The idea of locating the SLFPA-E's offices in the Airport Terminal was brought up by Mr. Wittie as he was touring the facility with Ms. Heaton and Mr. Turner. Mr. Turner stated at that time that due to his heavy workload he was unable to take on the project; however, Ms. Heaton was to work with staff on the potential office relocation. Ms. Heaton explained that she asked Glenda Boudreaux, SLFPA-E Administrator, to work on developing an initial conceptual plan. The completed plan that would address issues such as functionality would be brought to the Regional Director for approval. She pointed out that the areas that would be occupied by SLFPA-E staff would be located on the second floor of the Terminal; however, the three areas, each consisting of multiple offices, are not adjacent and are divided by the atrium and offices that are currently occupied by tenants. At Mr. Turner's request, Ms. Heaton met with the current tenants regarding the potential relocation of their offices so that the SLFPA-E staff would have adjacent offices. The tenants were not willing to move since the minimum cost for their relocation is estimated at \$250,000, which does not include business interruption. One of the tenants is a flight school that invested \$35,000 in engineering costs alone for a flight simulator. The entire second floor of the Airport Terminal was occupied prior to Hurricane Katrina by Orleans Levee District administrative staff and proved functional.

Mr. Turner clarified that the SLFPA-E offices do not all have to be adjacent; for example, the Legal Department could be separate since it is under the direction of the Board. He stated that he would like everyone under his direction to be located together.

He suggested that the SLFPA-E request that space in the area designed for conference rooms be included in the space to be leased to provide functionality from a departmental perspective.

Mr. Turner expressed his concern about the facility being located outside of flood protection. He pointed out the likelihood that at least the first floor of the Terminal could be flooded long before the buildings that are located inside of flood protection, resulting in problems with electrical and mechanical systems and mold. If the Terminal becomes flooded, the SLFPA-E could be without office space for an extended period of time after an event, which is the time that staff would be busy with damage assessments and recovery. Mr. Estopinal noted that a first floor flood would be averted once flood protection is in place. He pointed out that there is a difference between a flood that comes in and drains and one that remains for months, such as what happened in Hurricane Katrina. Recovery from a small event that floods the Airport, but not the rest of the City, should be dealt with fairly quickly. Electrical and mechanical components should be located out of harm's way. He commented that this would be a good example to the public that a business does not have to be located inside of flood protection if it is built in accordance with the risk exposure.

Ms. Heaton explained that the part of the proposed flood protection that would tie into the Federal flood protection system would be interim due to FAA requirements and may or may not meet 100-year requirements. Staff is striving to achieve 100-year protection for the Airport. Mr. Estopinal commented that there is no absolute safety in coastal Louisiana; risks must be evaluated and reasonable risks must be prepared for as best as possible.

Nyka Scott, SLFPA-E Executive Counsel, advised that the SLFPA-E's current lease with the UNO Foundation could potentially be extended on a month-to-month basis, if necessary. The current lease option expires on September 30, 2015.

Ms. Heaton stated that it may take several years to construct the permanent flood protection; therefore, the NFPAMA is working to achieve interim protection. She noted that over \$18 million was invested in the restoration of the Terminal after Hurricane Katrina and that \$12 million of the funding was from FEMA. The electrical, internet and telephone systems and emergency generator were placed on the second floor of the Terminal. The heating/air conditioning system is located on the third floor of the Terminal. The restoration of the Terminal was in accordance with the new Federal specifications. It was pointed out that SLFPA-E staff cannot access its current offices in the CERM Building during a storm event.

Mr. Hassinger expressed his support for the relocation of the SLFPA-E's offices to the Airport Terminal. The SLFPA-E would save money and the rent that is paid would be kept within the related agencies. He commented that he read Commissioner Luetlich's email and that his concern may be that the SLFPA-E may be sending the wrong message to the public relative to risks. He stated that everyone who lives in the Greater New Orleans area and rebuilt after Hurricane Katrina understands the dangers and risks

regardless of where the SLFPA-E's offices are located. During an emergency, staff will be located in the EOC in the Orleans Levee District's safe room. Locating the SLFPA-E's offices in the Airport Terminal sends a great message to the companies that have invested millions of dollars at the Lakefront Airport.

Ms. Heaton commented that this year Lakefront Airport achieved pre-Katrina flight numbers. Southern Airways will be starting daily service from Lakefront Airport to Memphis on June 12<sup>th</sup>. Ochsner will be locating a medivac system for transplant patients at the Airport.

Mr. Estopinal commented that he was very gratified to learn that the Terminal was restored to FEMA requirements for a structure located outside of flood protection and that this speaks well to how much attention was paid to mitigating flood damage.

Ms. Heaton explained that she is requesting that the Board make a policy decision today so that the NFPAMA can be informed and can plan accordingly. The negotiated lease agreement would be presented to the Board for approval.

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

**WHEREAS**, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) currently leases office space for its staff from the UNO Research and Technology Foundation, Inc. (the UNO Foundation) at its property located at 2045 Lakeshore Drive; and

**WHEREAS**, the current lease renewal option for the office space leased from the Foundation will expire on September 30, 2015; and

**WHEREAS**, post-Katrina renovations to the New Orleans Lakefront Airport Terminal (Terminal) have been completed and sufficient space is available for the build out of offices for the SLFPA-E staff; and

**WHEREAS**, the Terminal is managed and controlled by the Non-Flood Protection Asset Management Authority; and

**WHEREAS**, the available space in the Terminal can be built out to accommodate SLFPA-E staff under a Memorandum of Understanding with the NFPAMA and the space leased to the SLFPA-E.

**WHEREAS**, the cost to lease the space at the New Orleans Lakefront Airport will be approximately half of the cost of the current space at the UNO Research and Technology Park.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the build out of space in the New Orleans Lakefront Airport Terminal for SLFPA-E staff and the leasing of said space effective October 1, 2015.

**BE IT FURTHER RESOLVED**, that the SLFPA-E Executive Counsel is hereby authorized to negotiate a Memorandum of Understanding for the build out and a

Lease between the SLFPA-E and the Non-Flood Asset Management Authority, which shall be presented to the Board for final approval.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp, Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-06 – AGREEMENT WITH TETRA TECH, INC. FOR RISK ASSESSMENT ENGINEERING SERVICES**

Mr. Kemp asked whether the proposed probabilistic performance analysis is a result of discussions on the continuing work with the CPRA. Mr. Turner explained that a \$500,000 Community Development Block Grant was received for a risk assessment primarily of the complex navigation structures. The CPRA recently indicated that it is ready to come to the Board regarding a risk assessment, particular with regards to the I-levee system.

On the motion of Mr. Wittie,

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

**WHEREAS**, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) is in need of a Probabilistic Performance Analysis for the Lake Borgne Surge Barrier, Seabrook Complex and Gates, Bayou St. John Sector Gate, Bayou Bienvenue Sector Gate, Bayou Dupre Sector Gate and the Caenarvon Sector Gate; and

**WHEREAS**, the State of Louisiana Office of Community Development, Disaster Recovery Unit (OCD-DRU) is providing a Disaster Recovery Community Block Grant of \$500,000 to fund this analysis; and

**WHEREAS**, the SLFPA-E advertised and issued a Request for Proposals for Risk Assessment Engineering Services to perform the aforementioned analysis and conducted a competitive selection process; and

**WHEREAS**, the SLFPA-E Board by Resolution No. 04-16-15004 approved the selection of Tetra Tech, Inc. to provide the Risk Assessment Engineering Services and authorized the SLFPA-E Regional Director to negotiate an agreement with said firm; and

**WHEREAS**, the Contract will be executed in two phases. Phase I of the Contract will provide for a risk elicitation workshop dedicated to each of the major structures. Phase II of the Contract, if funded, will provide for redeveloping the Operations & Maintenance plans for the structures that are the subject of the analysis. The execution of the Contract for Phase II is contingent upon the successful completion of Phase I and on the Authority's receipt of funding for Phase II from the Office of Community Development/Disaster Recovery Unit (OCD/DRU); and

**WHEREAS**, the Contract amount for Phase I will be \$240,000 and Phase II, if executed, will not exceed the remaining amount of money received from the OCD for this grant.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the execution of an Agreement for Phase I of the Probabilistic Performance Analysis for the Lake Borgne Surge Barrier, Seabrook Complex and Gates, Bayou St. John Sector Gate, Bayou Bienvenue Sector Gate, Bayou Dupre Sector Gate and the Caenarvon Sector Gate in the amount of \$240,000 with Tetra Tech, Inc.; and

**BE IT FURTHER RESOLVED**, that the SLFPA-E Regional Director is hereby authorized to execute the aforementioned agreement for Phase I of the project with Tetra Tech, Inc., and 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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-07 – PURCHASE OF PRIVATE PROPERTIES FOR THE CONSTRUCTION OF THE EJLD CONSOLIDATED SAFEHOUSE/ADMINISTRATION/MAINTENANCE FACILITIES**

Mr. Estopinal commented that the resolution before the Board for consideration authorizes the acquisition of additional properties in order to proceed with the project.

Derek Boese, East Jefferson Levee District (EJLD) Interim Executive Director, introduced himself to the Board and provided a brief synopsis of his credentials and experience. Mr. Boese has a degree in Civil Engineering from Rice University, a Masters' degree in engineering management from Missouri University of Science and Technology, and is currently studying law at Loyola University at night. He is a former U.S. Army Corps of Engineers (USACE) officer with 11-1/2 years of experience with the USACE and a combat tour in Iraq. He has 20 years' experience in the engineering and construction industry. Mr. Boese and his family moved to New Orleans in 2006. He was employed by a private firm and embedded with the USACE's Hurricane Protection Office and later worked under contract as a Project Manager in the USACE Protection and Restoration Office. He was employed by PSI in 2012 and has been doing geotechnical engineering and materials testing for the past two and one-half years. He added that he has managed up to 100 people in different capacities at different times.

On the motion of Mr. Angers,

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

**WHEREAS**, the East Jefferson Levee District (EJLD) is proposing to construct consolidated safehouse/administration/maintenance facilities on property located in Jefferson Parish LA; and

**WHEREAS**, the purchase of the following tracts is required for the construction of the aforementioned facilities at the appraised values provided herein:

Tract/Owner	Description	Appraised Value
Food Bank Jefferson Parish & City of Kenner	315 Worth Street	\$196,500 (\$112,500, Jeff. Parish; \$84,000 City of Kenner)
Kenner Streets Department City of Kenner	George Street between Reverend Richard Wilson Drive and the Mississippi River Levee Hollanday Street between Reverend Richard Wilson Drive and the Mississippi River Levee Centanni Lane between Reverend Richard Wilson Drive and the Mississippi River Levee Worth Street between Illinois Central Railroad Tracks to Reverend Richard Wilson Drive	\$161,734.00

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the purchase of the tracts identified as the Food Bank and the City of Kenner Streets Department tracts at the aforementioned appraised values, and authorizes the Regional Director, Robert Turner, to execute all necessary documents on behalf of the EJLD to effectuate the purchase said tracts.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-08 – INTERGOVERNMENTAL AGREEMENTS FOR SURVEILLANCE CAMERAS ALONG MISSISSIPPI RIVER LEVEE**

Ms. Scott advised that Port Security Grant Program funding has been secured for the surveillance cameras. The cameras are anticipated to be installed within the next two months. EJLD staff will investigate whether the installation of the cameras will have an effect on the district’s insurance rates.

On the motion of Mr. Wittie,

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

**WHEREAS**, the East Jefferson Levee District (EJLD) has applied for Port Security Grant Program funding to secure surveillance cameras for placement along the Mississippi River Levee; and

**WHEREAS**, two of the cameras will be located on property belonging to the City of Kenner and Jefferson Parish; and

**WHEREAS**, Intergovernmental Agreements are required with the City of Kenner and Jefferson Parish to access and place the cameras on city/parish property.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East authorizes the SLFPA-E Regional Director to execute an Intergovernmental Agreement with the City of Kenner and with the Parish of Jefferson, subject to review and approval by SLFPA-E Executive Counsel, to access and place the surveillance cameras on city/parish property.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-09 –  
EAST JEFFERSON LEVEE DISTRICT FY'15 BUDGET REVISIONS**

Mr. Boese explained that the resolution before the Board for consideration recognizes additional revenues that were received and removes the \$21 million allocation in Fiscal Year 2015 for the construction of the consolidated facilities/safehouse, thus allowing the funding to be available for the construction of levee lifts.

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

**WHEREAS**, a review of the operating results to-date indicates that budget revisions to the East Jefferson Levee District Operating Budget for Fiscal Year ending June 30, 2015 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 for Fiscal Year 2015:

<b><u>REVENUES:</u></b>	
<b>Ad Valorem Taxes Collected</b>	<b>8,900,000</b>
<b>State Revenue Sharing Funds</b>	<b>510,000</b>
<b>FEMA Monies</b>	<b>8,500</b>
<b>Miscellaneous</b>	<b>129,597</b>
<b>Investment Income</b>	<b>1,155,000</b>
<b>Permit</b>	<b>20,100</b>
	<hr/>
<b>TOTAL REVENUES</b>	<b>10,723,197</b>
	<hr/>
<b><u>EXPENSES:</u></b>	



Personal Services	5,149,631
Travel and Training	15,000
Contractual Services	1,109,185
Materials and Supplies	408,400
Professional Services	2,646,000
Other Charges	421,745
Cost Sharing allocations to affiliates	460,650
Machinery and Equipment	286,800
	<hr/>
<b>TOTAL EXPENDITURES</b>	<b>10,497,411</b>
	<hr/>
<b>EXCESS OF REVENUES OVER EXPENDITURES</b>	<b>225,786</b>
	<hr/>
<b>ESTIMATED BEGINNING FUND BALANCE</b>	<b>35,824,939</b>
	<hr/>
<b>ESTIMATED ENDING FUND BALANCE</b>	<b>36,050,726</b>
	<hr/> <hr/>

**BE IT HEREBY RESOLVED**, that the revisions to the East Jefferson Levee District Fiscal Year ending June 30, 2015 Budget are approved.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-10 – PUBLIC BID FOR SALE OF MIXED ALUMINUM & MISCELLANEOUS OTHER METALS**

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

**WHEREAS**, the Orleans Levee District (O.L.D.) intends to sell Mixed Aluminum and Miscellaneous other Metals by Sealed Bid that have been determined to be surplus; and

**WHEREAS**, the East Jefferson Levee District (EJLD) and Lake Borgne Levee Districts (LBBLD) may have such metals that are surplus and can be included in the advertisement and sale; and

**WHEREAS**, the following requirements shall be met:

- A notarized affidavit will be executed by the appropriate Levee District Executive Director identifying the Mixed Aluminum and other Miscellaneous metals as surplus.
- The affidavit shall stipulate that the surplus metals shall be sold by sealed bid.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority- East authorizes the sale of surplus metals by the Orleans Levee District by Sealed Bid.

**BE IT FURTHER RESOLVED**, that the Executive Directors of the O.L.D., EJLD and LBBLD are hereby authorized to execute any and all documents for his respective levee district that may be required to accomplish the above.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-11 –  
AUTHORIZATION TO ESCROW FUNDS NECESSARY FOR SIGNIFICANT,  
PERIODIC MAINTENANCE TO COMPLEX STRUCTURES**

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

**WHEREAS**, the Orleans Levee District is responsible for the operation and maintenance of several complex marine structures built by the U.S. Army Corps of Engineers to protect against storm surges; and

**WHEREAS**, the nature and complexity of these structures will require the District to incur periodic maintenance costs that, together with other project costs and operation and maintenance (O&M) expenditures, will exceed any one-year revenue stream of the Special Levee Improvement Fund; and

**WHEREAS**, management believes that it is prudent to set aside funds annually in the Special Levee Improvement Fund, in amounts that can be funded by current revenue, and will accumulate to the amounts needed for the periodic maintenance noted above.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the escrow of funds necessary for significant, periodic maintenance to complex structures in the amount of \$2 million for fiscal year 2015.

**BE IT FURTHER RESOLVED**, that the SLFPA-E approves the identification of such funds as committed to maintenance of complex structures.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-12 – AUTHORIZATION TO ESCROW FUNDS AND PURSUE ARRANGEMENT OF A BENEFIT TRUST FUND RELATED TO POST EMPLOYMENT HEALTH AND LIFE BENEFITS FOR O.L.D. RETIREES**

Ms. Scott explained that the O.L.D. has an accumulated liability of approximately \$7 ½ million for post employment health and life insurance benefits. The Board is being asked to approve the deposit of one-fifth of this liability over a five year period and the deposit of an additional \$1 ½ million dollars each year. The committed deposited funds will earn interest and lessen the debt.

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

**WHEREAS**, the Orleans Levee District (“the District”) and the Southeast Louisiana Flood Protection Authority East (SLFPA-E) have committed to employees of the District that it will fund part of the health and life insurance costs for those employees after their retirement; and

**WHEREAS**, authoritative accounting principles require the current recognition of the cost and the estimated prior and current actuarially determined liability for those future benefits, in the annual financial reports of the Authority in order to provide reasonable assurance that the District will have the financial resources to fulfil those commitments; and

**WHEREAS**, funding of such liabilities can be minimized when money is set aside annually, and invested, allowing the returns on the investment to offset the total amount due for funding the liabilities; and

**WHEREAS**, at fiscal year end June 30, 2014, the accumulated recorded liability was \$7,458,600; and

**WHEREAS**, the estimated annual cost, in excess of current payments for the retirement plan, is approximately \$1,000,000; and

**WHEREAS**, the District’s management recommends that funding of the June 30, 2014 liability over a 5-year period be authorized; and

**WHEREAS**, the costs for funding the June 30, 2014 liability over a 5-year period, will be approximately \$1,491,600; and

**WHEREAS**, the total annual costs for funding the current annual required contribution, and the June 30, 2014 liability is approximately \$2.5 million.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East approves the deposit of 1/5<sup>th</sup> of \$7,458,000 annually, or \$1.5 million, for each of the fiscal years 2015-2019, plus the annual required contribution of post-employment health and life insurance benefits into an escrow account.

**BE IT FURTHER RESOLVED**, that the SLFPA-E approves the identification of such funds as committed to “Other Post-Employment Benefits”.

**BE IT FURTHER RESOLVED**, that the SLFPA-E authorizes legal counsel to proceed with the creation of a Trust suitable as a repository and investment management of the funds dedicated to the funding of such benefits and the transfer of any funds escrowed for that purpose when appropriate.

**BE IT FURTHER RESOLVED**, that authorization for each year's contribution must be re-authorized by the SLFPA-E, to assure that the funds are available to meet the overall intent to fund the liability annually.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-13 – LEASE OF PONTCHARTRAIN BEACH TO LAKE PONTCHARTRAIN BASIN FOUNDATION**

Ms. Scott advised that the lease agreement has been negotiated. The LPBF will name the SLFPA-E as an additional insured on its insurance coverage. The lease is for a term of one year and will be renegotiated. She requested that the Board amend the motion on the agenda to allow the Regional Director to execute the lease agreement.

A motion was offered by Mr. Kemp, seconded by Mr. Ben and unanimously adopted by a roll call vote, to amend the motion on the agenda to allow the Regional Director to execute the lease agreement. The Board then voted on the resolution as amended.

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

**WHEREAS**, the Orleans Levee District (O.L.D.) and the Board of Supervisors of Louisiana State University Agricultural and Mechanical College, acting for the University of New Orleans, entered into a lease agreement, dated October 1, 1992, for the site commonly referred to as "Pontchartrain Beach"; and

**WHEREAS**, the University of New Orleans provided notice, dated August 1, 2012, of its intent to terminate the lease effective August 3, 2012; and

**WHEREAS**, the Lake Pontchartrain Basin Foundation (LPBF) proposes to lease Pontchartrain Beach from the O.L.D. and implement improvements for the safe and enjoyable use of the site; and

**WHEREAS**, the implementation of improvements and the maintenance and operation of Pontchartrain Beach by the LPBF will once again allow the public the opportunity to safely use the historic recreational area.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) approves a lease agreement between the Orleans Levee

District (O.L.D.) and the Lake Pontchartrain Basin Foundation for the Pontchartrain Beach site, and authorizes the SLFPA-E Regional Director to execute the lease agreement on behalf of the O.L.D., and any and all other documents required to accomplish the above.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

Mr. Estopinal recognized Bruce Boudreaux. Mr. Boudreaux advised that he is a member of the Pontchartrain Beach Group, which has over 10,000 members. He commented that there is great public support for the reopening of Pontchartrain Beach to the public. He pointed out that the old pier located at Pontchartrain Beach should be removed as it could be dislodged by storm surge and damage the levee. He added that the assistance of the USACE could be solicited for the removal of the pier.

**RESOLUTION NO. 05-21-15-14 – CONSTRUCTION BUDGET INCREASE FOR VEGETATION REMOVAL ON THE MISSISSIPPI RIVER LEVEE NEAR THE IHNC**

On the motion of Mr. Wittie,

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

**WHEREAS**, the U.S. Army Corps of Engineers directed the Orleans Levee District (O.L.D.) to remove vegetation on the Mississippi River Levee near the Inner Harbor Navigation Canal; and

**WHEREAS**, the SLFPA-E by Resolution No. 03-20-14-14 authorized the award of a contract to Holliday Construction, LLC in the amount of \$183,540.00 and established a construction budget in the amount of \$220,000 to include contingencies; and

**WHEREAS**, the vegetation that was removed exceeded the initial estimated acreage resulting in an increase in cost of \$106,134; and

**WHEREAS**, the construction cost increase from \$183,540 to \$289,674 exceeds the established construction budget of \$220,000; and

**WHEREAS**, funds for this project are available in the approved FY 2015 Special Levee Improvement Fund Budget.

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority–East authorizes an increase in the construction budget in the amount of \$70,000 for a total construction budget of \$290,000 for the aforementioned vegetation removal project.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is hereby authorized to execute 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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-15 – CONTRACT AWARD FOR CITRUS LAKEFRONT LEVEE SLOPE PAVING AT INTERSECTIONS PROJECT**

Mr. Hassinger pointed out the difference between the lowest bid and the other bids. Felton Suthon, O.L.D. Engineer, advised that Hard Rock Construction, LLC, had 48 hours to reconsider its bid; however, the company did not choose to withdraw its bid. There was a brief discussion concerning Hard Rock Construction’s various paving projects in the City of New Orleans and Jefferson Parish.

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

**WHEREAS**, portions of the Citrus Lakefront Levee in the vicinity of Read Boulevard, Crowder Boulevard and Bullard Avenue are too steep for the utilization of grass maintenance equipment without damaging the levee; and

**WHEREAS**, the Orleans Levee District (O.L.D.) wishes to install slope paving so that the mowers no longer have to maintain the grass at these locations; and

**WHEREAS**, the Citrus Lakefront Levee Slope Paving at Intersections Project was advertised and 15 bids were received, as follows:

<b>Bidding Contractors</b>	<b>Total Base Bid Price</b>
Hard Rock Construction, LLC	\$ 875,300.00
Beverly Construction Co.	\$1,084,660.00
Expert Maintenance & Construction Services, LLC	\$1,152,250.00
Durr Heavy Construction	\$1,152,417.46
Command Construction Industries, LLC	\$1,158,888.00
Boh Bros Construction Co., LLC	\$1,285,800.00
Barriere Construction	\$1,291,000.00
K-Belle Consultant, LLC	\$1,348,071.00
Cycle Construction Company, LLC	\$1,439,500.00
Wallace C. Drennan Inc.	\$1,494,400.00
Buck Town Contractors & Co.	\$1,499,950.00
TKTMJ, Inc.	\$1,528,000.00
Kostmayer Construction, LLC	\$1,570,000.00
Young’s General Contracting, Inc.	\$1,648,698.15
Roubion Roads & Streets, LLC	\$1,786,350.00

**WHEREAS**, funds for the project are available in the approved FY 2015 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 \$875,300.00 to Hard Rock Construction, LLC, and the establishment of a construction budget in the amount of \$1,000,000.00 to include contingencies, for the Citrus Lakefront Levee Slope Paving at Intersections Project.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is hereby authorized to execute a contract in the amount of \$875,300.00 with Hard Rock Construction, LLC, 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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-16 – CONTRACT AWARD FOR MISSISSIPPI RIVER FLOODWALL ALUMINUM STACKABLE STOPLOGS**

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

**WHEREAS**, the Orleans Levee District (O.L.D.) currently has concrete stoplogs at the Mississippi River Floodwall in the CBD and French Quarter that require heavy equipment and night operations for their placement; and

**WHEREAS**, the O.L.D. wishes to replace the concrete stoplogs at the aforementioned locations with aluminum stackable stoplogs that require no heavy equipment for placement and can be placed during regular business hours; and

**WHEREAS**, the Mississippi River Floodwall Installation of Aluminum Stackable Stoplogs Project was advertised and nine bids were received, as follows:

<b>Bidding Contractors</b>	<b>Total Base Bid Price</b>
K-Belle Consultants, LLC	\$184,506.00
Cycle Construction Co., LLC	\$208,790.21
Boes Iron Works, Inc.	\$270,307.00
Hard Rock Construction, LLC	\$280,000.00
Kostmayer Construction, LLC	\$284,150.00
Hamp’s Construction, LLC	\$331,000.00
Gill’s Crane and Dozer Services, Inc.	\$360,000.00
Pontchartrain Partners, LLC	\$440,908.00
Command Construction Industries	\$588,888.00

**WHEREAS**, funds for the project are available in the approved FY 2015 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 \$184,506.00 to K-Belle Consultants, LLC, and the establishment of a construction budget in the amount of \$200,000.00 to include contingencies, for the Mississippi River Floodwall Installation of Aluminum Stackable Stoplogs Project.

**BE IT FURTHER RESOLVED**, that the O.L.D. Executive Director is hereby authorized to execute a contract in the amount of \$184,506.00 with K-Belle Consultants, LLC, 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. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

**RESOLUTION NO. 05-21-15-17 – ACQUISITION OF PROPERTY FOR CONSTRUCTION OF VIOLET CANAL LEVEE/FLOODWALL**

Mr. Hassinger asked would any O.L.D. funds be used for the purchase of the property. Nick Cali, Lake Borgne Basin Levee District (LBBLD) Executive Director, replied that multiple options are being considered for funding resources. However, at this time there is no plan to draw down money from the O.L.D. Mr. Hassinger asked to be informed before any money is drawn from the O.L.D. for the Violet Canal Levee/Floodwall Project.

On the motion of Mr. Wittie,

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

**WHEREAS**, the Federal Emergency Management Agency (FEMA) is in the process of updating its Digital Flood Insurance Rate Maps (DFIRMs) for Orleans and St. Bernard Parishes, which are used in the calculation of National Flood Insurance Program (NFIP) rates; and

**WHEREAS**, the Forty Arpent and Florida Avenue Levee System located in the Lower Ninth Ward of Orleans Parish and in St. Bernard Parish must be certified in order to be accredited by FEMA for the NFIP and included in the DFIRMs; and

**WHEREAS**, a determination has been made that a levee/floodwall must be constructed in the vicinity of the Violet Canal in order for the Forty Arpent and Florida Avenue Levee System to meet certification requirements; and

**WHEREAS**, the proposed levee/floodwall alignment will cross certain privately owned tracts of land, which must be acquired by purchase; and

**WHEREAS**, certain tracts of land will be donated as a permanent and/or temporary servitude.



**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority approves the purchase of the tracts of land required for the construction of the levee/floodwall in the vicinity of the Violet Canal in order to meet FEMA certification requirements at the appraised values, and authorizes the Lake Borgne Basin Levee District (LBBLD) Executive Director to execute all necessary documents on behalf of the LBBLD to effectuate the purchase said tracts, and to accept and/or agree to the granting of permanent and/or temporary servitudes.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

### **Discussion of LBBLD post-election path forward.**

Mr. Cali advised that staff is working toward a plan that would allow the drawdown of costs so that the LBBLD can operate within its existing revenues. Ms. Scott is helping to navigate the intricacies of Civil Service to ensure that the district is staying within the Civil Service framework and meeting its legal requirements to employees while the district is attempting to implement changes so that it can operate within budget. A layoff avoidance plan has been submitted to Civil Service. The plan has multiple facets (e.g., a retirement incentive, the elimination of merit increases in 2015 and the curtailment of overtime) which must be approved by Civil Service. The retirement incentive is a payout of no more than 50 percent of the savings realized by the agency in the fiscal year; therefore, expenses will decrease after the initial year. Overtime will only be approved for emergencies or when it is absolutely necessary for the LBBLD to meet its mission. The retirement incentive is a voluntary program; therefore, the LBBLD will be better informed of its financial situation after the offer has been extended to the applicable employees and the responses received.

Mr. Cali explained that the decreases in staff will mean that the levee district will change the way in which it operates and maintains all of its systems as a collective. The priority must be the Federal system and the majority of the district's funds will go the operation and maintenance of the HSDRRS. The remaining funds will be used for the operation and maintenance of the pump stations. Employees will be cross trained. The LBBLD will attempt to maximize manpower by having employees maintain the HSDRRS during good weather and operate pump stations when rain is predicted. The LBBLD had been tracking funds for budgetary reasons; however, the district will now track actual man hours, equipment, parts and supplies, and other operations and maintenance costs as either drainage items or flood protection items. The district will then be able to define the actual costs for pumping activities versus maintenance of the HSDRRS.

Mr. Estopinal asked whether Mr. Cali anticipated no longer maintaining the drainage canals. Mr. Cali replied that the drainage canals will no longer be maintained to today's standard. Mr. Estopinal reviewed the LBBLD's priorities: 1) the HSDRRS, 2) the

secondary levee system, 3) the pumping stations, and 4) the drainage canals. He commented that the LBBLD has a history of quick response relative to the operation of the pump stations when a storm event occurs. He asked would the LBBLD have the same response capability. Mr. Cali responded that the LBBLD's response will be diminished. The LBBLD will not have the manpower to provide the same quick response. In addition, the LBBLD may have to call out standby operators from home to operate the pumps during heavy rain events that develop quickly. Mr. Estopinal commented that more frequent street flooding can be expected with the potential of residential flooding. Mr. Cali added that the risk has increased.

Mr. Estopinal stated that his interpretation of the law is that revenues from one levee district cannot be spent in another levee district for operations and maintenance expenses that do not benefit the levee district from which the funds are expended. He asked that an item be placed on the next Legal Committee and Board Agendas to request a formal opinion from the Attorney General to determine whether his interpretation of the law is accurate.

Mr. Cali advised that the LBBLD is investigating the potential of rehiring retirees on a part time as-needed basis for emergency events with Civil Service. Mr. Estopinal pointed out that the budgetary conflict of having \$3.5 million of revenues per year and a requirement of \$6 million per year to properly operate and maintain the various systems will need to be resolved. Mr. Turner anticipated that the LBBLD will have a recommendation on the new organizational chart and how the levee district will function at the next Board meeting.

Mr. Kemp stressed the importance of operating the HSDDRS on the East Bank as a system.

### **EXECUTIVE SESSION:**

1. 17<sup>th</sup> Street Canal Coalition, et al vs. Orleans Levee District and Southeast Louisiana Flood Protection Authority-East, Civil District Court for the Parish of Orleans, No. 2008-06979, Division L-6, consolidated with Terry and Nina Lonatro, et al vs. Orleans Levee District and Southeast Louisiana Flood Protection Authority-East, No. 2011-0097, Section N-8".
2. *Olivier Plantation, LLC, Park Investments, LTD, and Morning Park, Inc. versus Parish of St. Bernard and Lake Borgne Basin Levee District* Fourth Circuit Court of Appeal, Proceeding No. 2013-CA-0497 34<sup>th</sup> JDC for the Parish of St. Bernard, Proceeding No. 109,272 "B"

A motion was offered by Mr. Hassinger, seconded by Mr. Wittie and unanimously adopted, for the Board to convene in Executive Session to discuss the items listed on the Agenda. The Board convened in Executive Session at 11:25 a.m.

A motion was offered by Mr. Tilly, seconded by Mr. Ben and unanimously adopted, for the Board to reconvene in regular session at 11:35 a.m.

**RESOLUTION NO. 05-21-15-18 – APPROVAL OF SETTLEMENT  
17<sup>TH</sup> STREET CANAL COALITION LITIGATION**

On the motion of Mr. Hassinger,  
Seconded by Mr. Ben, the following resolution was offered:

**BE IT HEREBY RESOLVED**, that the Southeast Louisiana Flood Protection Authority-East accepts the recommendation of SLFPA-E Executive Counsel provided in the Executive Session held this date and approves the settlement in the litigation entitled, “17<sup>th</sup> Street Canal Coalition, et al vs. Orleans Levee District and Southeast Louisiana Flood Protection Authority-East, Civil District Court for the Parish of Orleans, No. 2008-06979, Division L-6, consolidated with Terry and Nina Lonatro, et al vs. Orleans Levee District and Southeast Louisiana Flood Protection Authority-East, No. 2011-0097, Section N-8”.

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

YEAS: Mr. Angers, Mr. Ben, Mr. Estopinal, Mr. Hassinger, Mr. Kemp,  
Mr. McHugh, Mr. Tilly and Mr. Wittie

NAYS: None

ABSENT: Mr. Luettich

The next regular monthly Board meeting will be held on June 18, 2015 and hosted by LBBLD.

There was no further business; therefore, the meeting was adjourned at 11:40 a.m.

# SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST

## REGIONAL DIRECTOR’S REPORT

May 21, 2015

### HSDRRS Project Status Update

**Warranty Paint Repairs** The repainting of the Vertical Life Gates and spot painting of gate leafs at the Seabrook Structure will be done after the 2015 Hurricane Season, and the US Army Corps of Engineers has sent out Right of Entry requests for both projects.

**HNC-02 – Lake Borgne Surge Barrier** The Corps has repaired and reinstalled three current velocity meters at the Surge Barrier but has not yet sent us the web site where they can be read. .

Corps Hired Labor forces will install tripping dolphins on both sides of the Surge Barriers Sector Gate on the GIWW. The piling is at the Corps and is expected to go to the GIWW for installation at the end of May.

**LPV-03.2b.1- Landside Runoff** Final site grading and construction of a lip levee adjacent to the swale is complete, but turf still needs to be established. We received the NCC on April 9, 2015. The Corps is currently addressing four areas of the swale north of Vintage that are holding water and, as a result, rain has washed away grass seed from these spots and erosion is now occurring.

**LPV-111 – CSX RR to Michoud Canal** The Notification of Contract Completion (NCC) was issued in November, but the Corps must still establish turf on the recently raised sections; problem areas were recently reseeded.

**LPV-144 – Bayou Dupre** In response to vibrations in the hinge assembly of the gate leafs, a number of actions have taken to eliminate them. The plates that hold the top bearings were shaved in to increase clearances and both bearings were changed to greased bearings for the hinge assemblies. A final inspection of the structure was held May 13.

**LPV-145,146 & 148.02** The NCCs for 146 and 148.02 were received in September, but additional hog damage repairs and vegetation clearance remains. We received the NCC on April 9, 2015 for LPV-145. The vegetation removal will be done under LPV150 project,

**LPV-145A – Bayou Bienvenue Bridge** The daily closures of Bayou Bienvenue that began in November to facilitate pile driving near the channel are over. All of the bridge deck panels have been placed on the west and east approach ramps. The actual bridge is being pre-fabricated off site and be shipped in sections to the site starting later this month. The bridge project is scheduled for completion late this year.

**LPV 148.02A Safe Room at St. Mary's Pump Station** All piles have been driven, and the prefabricated building has been installed on the elevated deck. Utilities and electrical wiring to the pump station are being installed. A pre-final inspection of the project was held on May 13, 2015 and it is scheduled for completion in mid-2015.

**LPV-149 – Caernarvon Structure** The Corps will issue a contract to repaint Sector Gate leafs to address peeling paint problems discovered after the NCC was issued. In order to repaint, the structure must be dewatered, and that will temporarily impact navigation. The Corps has denied our request that they replace machinery pit hatch covers. Hydradyne has modified the hydraulic system to correct a water-in-oil problem. We have met with the Corps for a debriefing to find out the contractor's concerns and recommendations regarding their findings. The water-in-oil problem was considered the only significant problem.

**LPV-150 Utility Crossings/Jib Crane Pad/Bypass Ramp Repair** The Corps has replaced all utility crossing pads with gravel along the Access Road. The Emergency Bypass Road at Highway 46 was repaired on May 14, 2015, and the Corps is finalizing plans for replacing jib cranes and building parking pads at Bayou Dupre. Vegetation removal for LPV 145,146 and 148.02 is being done under this project.

**LPV-153 Bayou Dupre & Caernarvon Sector Gate Needles** The dewatering needles for Bayou Dupre and Caernarvon were delivered to Caernarvon on May 14, 2015.

**OFC-07 London Avenue and 17<sup>th</sup> Street Remediation** Work along the London Avenue Canal is finished, and a pre-final inspection was held March 5. The portion of the project located within East Jefferson Levee District jurisdiction has several depressions in the levee slopes that may need re-grading. The as-built surveys are being reviewed to determine the accuracy of levee slope angles and the need for additional grading. We received the NCC dated March 31, 2015. The contractor is still responsible for establishing turf and cutting the grass.

**OFC-08 17<sup>th</sup> Street Canal Bank Stabilization** The contractor has completed placing stone for this project, and a pre-final inspection was held March 5. The pre-final inspection for the staging area on Harrison was held on April 1, 2015; turf still needs to be established.

**Permanent Canal Closures and Pumps (PCCP)** Outstanding issues on this project include:

- Reaching agreement on the appropriate number of bypass closure gates to maintain maximum velocities through the permanent floodgates in the 17<sup>th</sup> Street Canal; and
- Reviewing settlement calculations based on new borings and updated consolidation values in the 17<sup>th</sup> Street, Orleans and London Avenue canals.

Commissioning of the new structures is still scheduled for May 2017, with decommissioning of the temporary structures possible within the following two years. Please check the New Orleans District web site at [www.mvn.usace.army.mil/missions/hsdrrs/pccp.aspx](http://www.mvn.usace.army.mil/missions/hsdrrs/pccp.aspx) for details and regular updates on this last, major HSDRRS perimeter project.

Monthly CPRA project update reports are sent to all SLFPA-E Commissioners as they become available. The May report is expected shortly.

**Armoring** Work on the first system-wide armoring installation contracts is underway on levees in St. Charles Parish, and the Corps has submitted two right-of-entry requests to the Orleans Levee District (OLD) in preparation for armoring some lakefront levees and one right-of-entry request to the East Jefferson Levee District (EJLD). The ROE for the Orleans Parish Lakefront Metro Polder has been granted and pre-con was held on May 13, 2015. The ROE for the EJLD's section of airport levee has also been granted. The final ROE request for the NO East Lakefront levee is still in consideration.

Meanwhile, the SLFPA-E, Southeast Louisiana Flood Protection Authority-West and the Coastal Protection and Restoration Authority continue planning to try and raise some levees at local cost before armoring. The intent is to save millions of dollars in future armoring replacement costs by extending the life of armored levees. The SLFPA-E has awarded a contract for preliminary land survey work in both levee districts. Evans and Graves, under a task order last December for program management work in support of pre-armoring lift construction, has prepared an aggressive preliminary schedule and drafted a Request For Qualifications for design services on future levee lifts. SLFPAE submitted a letter to the CPRA (May 1, 2015) on its intention to raise all unarmored hurricane levees in Orleans and East Jefferson Parishes on which Right of Entries have not been granted. Additional information was requested on two sections of levees in eastern New Orleans.

**SBPS-07 – Repairs to LBBLD Pump Stations #2 and # 3** Work is progressing at Pump Station #3 where the contractor has completed T-walls to the east of the station. The T-walls that are penetrated by the discharge pipes are also complete, and T-wall on the west side of station is being place. The installation

of new discharge pipes is underway. There is currently no major work being done at Pump Station # 2.

## **Mississippi River Projects**

**Jefferson Heights** A Corps contractor continues to raise by about two feet the Mississippi River Levee in East Jefferson between the Orleans-Jefferson and Jefferson-St. Charles parish lines. Work began at the Orleans Parish end and is moving toward Kenner. The first phase of this project, about 4.2 miles, was completed in April, although the contractor warns that inclement weather or high-river delays could slow the schedule and turf establishment.

The second phase of construction will begin along 4.5 miles of levee from about Orchard Road in River Ridge to the Jefferson-St. Charles line in Kenner. That second segment of work is scheduled for completion in early summer of 2016.

Additionally, to keep the public informed of schedule, Corps representatives are issuing periodic press releases; the latest is published on April 30). They also say the Corps has communicated, via phone calls and pamphlets, with the owners of property adjacent to any tree that will be removed.

**Carrollton Project** All levee enlargement work in Orleans Parish is complete, and the OLD has received a draft response from the Corps to several issues OLD officials voiced during a final inspection last summer. The OLD sent its response to the Corps' comments and a meeting was held to discuss the responses with the Corps, but there is not yet a final resolution.

## **Internal Affairs**

**Surge Analysis Update** We continue to discuss internally and with others in the flood defense community the best path forward to accomplish a Hurricane Surge Analysis update over the next several years. With help from Commissioners Rick Luetlich and Paul Kemp and other specialists in the field, we fashioned a Draft Scope of Work for a Phase 1 Planning Study. The draft is being further reviewed and evaluated by the Coastal Advisory Committee, which includes Commissioners Paul Kemp (chair), Rick Luetlich and Jeff Angers, as well as well coastal scientists in the community.

**Non-Federal Levee Certification** Our certification report for the Maxent Levee was resubmitted to FEMA on Feb. 6, 2015. The levee was accredited by FEMA in a letter dated April 6, 2015.

The results of geotechnical investigations of the Forty Arpent Levee indicate that no substantial levee stability issues remain. Our consultant is preparing plans and specifications for a new levee near the Violet Canal and working on real estate takings and appraisals for the new levee footprint. The soap factory levee P&S is at 90% and the shrimp factory's will at 65% this month. Meetings have

been held with both Orleans and St. Bernard government officials to explain the urgency of this project. The soap factory coastal permit was approved by the Parish on April 7, 2015. The shrimp factories permit will go through the same process and should be approved in 30 to 45 days.

**IHNC-01 – Seabrook Complex** In response to a distress report filed by OLD in early December, the Corps conducted a structural analysis of the damaged bearing pad beneath the eastern Vertical Lift Gate. The analysis showed that the damage is causing no problem; however, the Corps provided a repair method if the Non-Federal Sponsor wants to replace it.

Shortly thereafter, vibrations of the same VLG began, and the OLD is now preparing to monitor the vibrations, just as the Corps did at Bayou Dupre.

**Training** In their report on automated asset management software alternatives, one of the recommendations from Moffat & Nichols was to develop reporting forms utilizing software currently used by OLD. In response, a modeling exercise was held this month and a list of possible program upgrades prepared and submitted to the software firm. M&N submitted a draft final report on their investigation on the use of the OLD's current software and it is in review.

**Emergency Preparedness** The Mississippi River is now around elevation 10.0 and had reached a crest of 14.1 on May 5, 2015. The National Weather Service predicts it to drop slowly to below 8' by the month's end.

**Complex Structures** Electrical shorts at the Bayou Bienvenue VLG are being investigated, but generators at the site still allow both gates operation. The OLD had a platform fabricated that hangs over the side railing to access the conduit and junction boxes that bring secondary power from the sector gate. Two of the boxes showed a great deal of corrosion on the wiring and will be repaired. The cause for water in the conduit is being investigated.

This is a problem that occurred prior to the NCC being issued, but was not corrected.

All other navigation gates are in working order, and maintenance is up-to-date.

**Tidal Gage Network** The Corps has submitted to SLFPA-E three right-of-entry requests for hardened tide gage station sites at Delacroix, Breakwater Park and Chef Menteur, one in each of our Levee Districts. The CPRA is preparing the AFE's, granting survey authorization and checking property ownerships. We are still waiting for the P&S for the project.

**Periodic Inspection Reports** Representatives of SLFPA-E and its three Levee Districts met with the Corps in December to review the previous Periodic Inspections (PI). The purpose of a PI is to verify continued and appropriate



operation and maintenance and to evaluate the stability of structures and compare constructed criteria to current criteria. The first PIs were conducted between February 2010 and January 2014 on all MR&T and HSDRRS projects. The Executive Directors of our Levee Districts are now reviewing their individual portions of the overall PI, and each is preparing a list of items that need to be addressed. A follow up meeting was held with the Corps and CPRA in February to review responses to the PI, and the resolution process continues.

All unacceptable PI items have been visited in field, verified and pictures taken. A list and course of action for all unacceptable items is being prepared. This will be accomplished after SAR and quarterly reports completed.

**Risk Assessment** SLFPA-E has received several responses to its Request for Proposals to provide risk engineering services in the performance of a Probabilistic Performance Analysis for the Lake Borgne Surge Barrier, the Seabrook Complex and gates, and Sector Gates at Bayou St. John, Bayou Bienvenue, Bayou Dupre and Caernarvon. The proposed analysis will identify and address the possible risk of failure or breakdown of any mechanical system within these structures that could cause flooding in parts of Orleans, Jefferson and St. Bernard parishes. The results of this work will help to inform Operation and Maintenance Plans for the structures. In April the Board authorized awarding the contract to Tetra Tech, Inc. The contract is being finalized for approval by the Board and CDBG prior to its signing.

**SAR** The first Semi Annual Report of 2015 was submitted to the CPRA in late April. In turn, CPRA submitted it to the Corps on April 30, 2015. Several clarifications and updates have been addressed since the first SAR was conducted last fall. Part of the SAR process requires that the S&WB in New Orleans and the Jefferson Drainage Department submit their reports on frontal protection directly to the CPRA. This was done for this SAR.

#### **Meetings and Items of Note:**

The Corps will host a public meeting in Lakeview on June 2 to discuss plans to armor several lakefront levees. The meeting, which was requested by SLFPA-E, will take place from 6-9 pm in the Lake Vista Community Center, 6500 Spanish Fort Blvd, in New Orleans.

The Coastal Protection and Restoration Authority Board will meet June 17, 2015 at 9:30 a.m. in the LaSalle Building (LaBelle Room) in Baton Rouge.

The Governor's Advisory Commission scheduled for June 3, 2015 at 10:00 a.m. in the Galvez Building in Baton Rouge has been cancelled.

**New Contracts:**

LBBLD / Imagine Technology, Inc. – Information Technology Services – 1/1/15 – 12/31/15 – Not to exceed \$9,000

**Levee District Construction Projects:**

<b>Project</b>	<b>District</b>	<b>Status</b>	<b>Comments</b>
<b>Floodgate W-30 and 31 Sill Replacement</b>	OLD	100% Complete	
<b>Floodgate &amp; Floodwall Repairs</b>	OLD	99% complete	
<b>MRT and IHNC Vegetation Removal</b>	OLD	Complete	CI#2 to be processed for extra cut
<b>Seawall Steps Erosion Phase 4&amp;5</b>	OLD	99% complete	
<b>Seawall Steps Erosion Phase 2B</b>	OLD	20% complete	Contractor mobilizing
<b>Floodgate EB-15</b>	OLD	Complete	
<b>Lakefront Levee Slope Drainage Reach 4</b>	OLD		Construction NTP – May 26
<b>MRT Aluminum Stop Logs</b>	OLD		Pending Board award

**Levee District Project Designs and Studies**

<b>Project</b>	<b>District</b>	<b>Comments</b>
<b>Outfall Canals Erosion</b>	OLD	Study complete; design 90% complete
<b>Lakefront Seawall Area Reach , 4&amp;5</b>	OLD	Design complete; construction administration 99%
<b>Lakefront Seawall Area Reach 2B</b>	OLD	Design complete; construction administration 20% complete
<b>Floodgate Seal Repairs</b>	OLD	Design complete; construction administration 99% complete
<b>IHNC St. Claude Bridge Drainage</b>	OLD	Design complete – open bid May 12
<b>Lakefront Levee Slope Drainage Reach 4</b>	OLD	Survey complete; design complete; Construction Administration 0%
<b>Citrus Lakefront Levee Slope Paving at Intersections</b>	OLD	Survey complete; design complete; open bids through May 14
<b>Bayou St. John Adaptive Water Management Plan</b>	OLD	Plan 50% complete
<b>Citrus Lakefront Levee Railroad Drainage Study</b>	OLD	Investigation complete; design 0% complete
<b>Lakefront Seawall Area Reach 1A-4C</b>	OLD	Design 30% complete
<b>MRT Aluminum Stop Logs</b>	OLD	Design Complete

<b>Bayou Bienvenue/Bayou St. John O&amp;M Manuals</b>	OLD	BSJSG 75% Complete
<b>Police Administration Building</b>	OLD	Site Study complete, pending Board authorization
<b>MRT Floodgate Painting</b>	OLD	Design 10% complete
<b>Phase 1 for engine upgrades at Pump Stations</b>	LBBLD	95% designs received; comment resolution ongoing
<b>Phase 1 for Safe Room Design HMGP approved by FEMA</b>	LBBLD	Phase 2 funding received from FEMA Region 6 & GOHSEP; Preparing to advertise through SBPG
<b>Pump Station #6 pump repair and hangers at P.S. #7</b>	LBBLD	P&S complete; preparing to advertise
<b>Pump Station #6 Erosion Repair</b>	LBBLD	P&S complete; preparing to advertise
<b>Safe house &amp; Consolidated Facility</b>	EJLD	Waggoner & Ball are working on the construction documents and expect to have them completed in July.