

**MINUTES OF THE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST
BOARD MEETING
THURSDAY, OCTOBER 18, 2012**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority - East (Authority or SLFPA-E) was held on Thursday, October 18, 2012, in the Second Floor Council Chambers, Joseph Yenni Bldg., 1221 Elmwood Park Blvd., Harahan, 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 9:40 a.m. and led in the pledge of allegiance.

PRESENT:

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

ABSENT:

David P. Barnes, Jr.
Thomas L. Jackson

OPENING COMMENTS:

Mr. Doody advised that he and Robert Turner, SLFPA-E Regional Director, visited the National Weather Service office last Thursday and discussed the improvements being made for the delivery of information to decision makers. He stated that he was impressed with the National Weather Service facilities, organization and staff.

Mr. Doody reported that he provided a presentation to the Coastal Protection and Restoration Authority (CPRA) Board yesterday to urge the passage of a resolution to support a Congressional mandate to require the U.S. Army Corps of Engineers (USACE) to take over the operation and maintenance (O&M) of the IHNC Surge Barrier. The greatest impediment to this legislation is the issue concerning earmarks. Attempts are being made to work around the earmark issue and to heighten awareness about what could occur in the future when the SLFPA-E is tasked with operating a structure that is outside of typical levee district operations and requires close coordination between the USACE, the Coast Guard, the Port and other entities. The draft USACE O&M Manual calls for 72 hours advance notice to the Coast Guard of the closure of the structure so that the Regulated Navigation Area (RNA) can be implemented. Hurricanes Lee and Isaac did not allow 72 hours advance notice. Additional resources, such as push boats, may be required in this type of situation to corral vessels that may break free. Another concern is the daily telephone calls between the maritime industry

and the Coast Guard, many of which deal with maritime traffic leaving Mobile, Alabama, and the coordination of this traffic thru the gates prior to their closure. The coordination of maritime traffic should not be the responsibility of the SLFPA-E and further supports the need for the USACE to take over this O&M responsibility. The entity ultimately responsible for the decision to close the navigation gates has not yet been determined; however, the decision will be informed by the USACE's O&M manual with specific trigger points for closing the structure. The State is the local sponsor. The SLFPA-E will want to close the gates as early as possible in order to have the maximum water storage capacity possible for any surge barrier overtopping that may occur in a large storm event. The SLFPA-E is also concerned that it may have to call on resources that it does not possess should a difficulty be encountered in closing the barge gate.

Mr. Doody advised that he learned through reading an article that during Hurricane Isaac there was a fire caused by fluids that leaked onto a pump at the Orleans Avenue Canal. The fire was quickly extinguished by hand held fire extinguishers. Repairs were made to the pump and it was placed back on line within hours. There was never a danger that the pumps could not keep up with the Sewerage and Water Board pumps.

Mr. Doody reminded everyone that the Orleans Levee District special millage tax election is on the ballot for the November 6th election.

Mr. Doody advised that Louisiana State University (LSU) is requesting the support and possibly the participation of the SLFPA-E in a bald cypress reforestation project. There is no financial commitment by the SLFPA-E at this time. A presentation on this subject will be provided by LSU to the Board or one of its committees.

Mr. Doody reported that informal discussions have taken place on a study to consider setting up a mitigation bank for the SLFPA-E. The study will involve an inventory of lands currently owned by the levee districts and lands that could easily be purchased for use in the mitigation bank. An evaluation will be needed of the types of mitigation credits for which the SLFPA-E may be eligible and whether the mitigation can be sustained and is feasible for such a bank. A mitigation bank is a method by which the SLFPA-E can potentially generate funds for future coastal restoration projects or assist with O&M costs.

Mr. Doody explained that many of the USACE's Hurricane and Storm Damage Risk Reduction System (HSDRRS) projects are nearing completion. In many cases, particularly grass maintenance, the levee districts have begun taking on the O&M responsibility for the projects. The State has taken the position that the project is not completed until the entire HSDRRS is completed. The SLFPA-E continues to follow up with the USACE concerning items of interest, such as the bridge to the island between Bayous Bienvenue and Dupre, the construction road built along the T-walls in St. Bernard Parish and the establishment of grass throughout the system.

Mr. Doody reported that the financial audit of the SLFPA-E and levee districts has been completed. The audit firm was complimentary of the levee districts. An unqualified opinion was received and there were no major findings.

Mr. Doody advised that two of the unsuccessful bidders protested the award of the USACE contract for the permanent pump stations at the three outfall canals. If the U.S. Government Accountability Office (GAO) follows its standard operating procedures, this issue could be resolved by January.

Mr. Turner provided a status report on the USACE armoring project. The USACE has established a test program to collect data to complete the plans and specifications for the HSDRRS. It is attempting to begin construction of the test program by the end of this year. A one mile test area on the East and West Banks will utilize sod and dirt and seed. Four manufacturers' products will be tested. The program's intent is to determine constructability and potential O&M problems.

ADOPTION OF AGENDA:

A motion was offered by Mr. Barry, seconded by Mr. Wittie and unanimously adopted, to approve the agenda.

RESOLUTION NO. 10-18-12-01 – APPROVAL OF SEPTEMBER 20, 2012 BOARD MEETING MINUTES

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

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the minutes of the Board Meeting held on September 20, 2012.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None
ABSENT: Mr. Barnes and Mr. Jackson

PRESENTATIONS:

1. National Weather Service - Communicating surge risk to the public and emergency management officials.

Ken Graham, Meteorologist in Charge of the New Orleans/Baton Rouge National Weather Service (NWS) office, presented a PowerPoint presentation entitled Hurricane Isaac -- Communication Challenges and the Future. The New Orleans/Baton Rouge office provides services for 22 parishes in Louisiana. Mr. Graham introduced Frank Revitte, Warning Coordination Meteorologist, Mike Koziara, Science Officer, and Matt Morland, Emergency Response Meteorologist. The New Orleans/Baton Rouge office is one of four NWS offices throughout the country taking part in a pilot project in which Emergency Response Meteorologists are embedded with decision makers. Mr. Graham explained that the presentation is basically on the social science. The science for Hurricane Isaac (Isaac) was very close in all regards, including storm surge and wind duration.

Mr. Graham reviewed some of the challenges from a social science perspective in attempting to communicate risks. The 2012 Tropical Season was quiet until Isaac. Isaac was a tropical storm that was not forecast to be a hurricane until just before landfall. Isaac was not well organized for days and not very eye catching until the very end. The National Hurricane Center (NHC) issues official forecasts; however, various models (Euro, GFS, HNC and others) providing differing information are available to the public through other sources. The public needs to be educated to better understand the conditions upon which they should concentrate. The NHC forecast is based upon a consensus utilizing models and a combination of hundreds of years of experience.

Mr. Graham explained that pre-season training emphasized that small differences in storm path, size, strength and speed change the storm surge. Pre-season training also included a review of storms providing only 48 hours notice. Mr. Graham reviewed Isaac's track from August 25th to August 27th. He explained that a storm that is not well developed is more difficult to forecast than a well developed storm.

Mr. Graham discussed impacts in storm surge:

- Track and forward speed. Several slides illustrated the dramatic difference in storm surge based on small changes in a storm's track and forward speed.
- Coastline – Bathymetry and Geographic Shape:
 - Wide shelf with a gentle slope versus a narrow shelf with a sharp slope
 - Pockets that trap water
- Radius of mean winds (RMW) – The bigger the storm, the more storm surge.

Mr. Graham reviewed the impacts in storm surge for Isaac:

- Track – very vulnerable track
- Forward Speed – very slow
- Coastline – water had plenty of time to funnel into the lowest areas
 - Bathymetry and Geographic Shape
- Radius of Mean Winds (RMW) – 45 to 50 mile RMW (double the average)

Mr. Graham discussed the NWS products and services during Isaac:

- Text
- Graphic – Since Isaac was an out of the box storm, the NWS tried to pick the SLOSH model that best fit (Cat 2 Hurricane moving NNW 10 MPH at high tide) for its PowerPoint and briefing tools. The use of flooding impact graphics and P-Surge (probabilistic) information was discussed.
- Briefings
- PowerPoint
- Hundreds of telephone calls

Mr. Graham reiterated that the physical science (surge, wind duration, rain forecast and river flooding) for Isaac was not far off from the actual conditions. Isaac was a major rainfall event.

Mr. Graham discussed the social science challenges for Isaac:

- The Saffir-Simpson Scale categories hurricanes into five levels of intensity based on wind speed. It does not address other threats, such as wind duration, storm surge, heavy rainfall, river flooding, etc., and can give people a false sense of safety.
- SLOSH is based on category. Category 1 scenarios did not accurately portray Isaac's threat due to its large size and slow motion; therefore, the NWS New Orleans office attempted to combat this by briefing using category 2 graphics and explaining the higher than "typical" values. The NWS New Orleans office turned to the media to help communicate the extreme impacts and tried to impress upon the public that they should ignore the category and concentrate on the impacts.
- Every storm is different, but people have a natural tendency to draw from personal experience.

Mr. Graham discussed the question - "Where do we go now?":

- Development of probabilistic information. Many tools could be used to disseminate information; however, the use of these tools involves public education to ensure the correct interpretation of the message.
- Use of more inundation mapping. Issues include:
 - Datum challenge (e.g., 3-ft. means different things to different people)
 - Pretty Picture Issues
 - Pretty does not equal accuracy!
 - Need to be accurate and easy to understand.
 - The vast majority of storm surge forecast error is in the meteorology. In the heat of the battle, one MUST not go with one forecast graphic. Uncertainty must play a big role.
- A move away from categories.
- Storm surge warnings.
- Training – The NWS is attempting to repackage its training program based on Isaac to address probabilistic information, inundation, storm surge science, concentrating on impacts and sorting out the plethora of information from the media and internet.

Mr. Doody explained that the SLFPA-E will need information from the NWS in order to time the closure of certain structures. He asked that the SLFPA-E be kept in the information loop in providing information. SLFPA-E representatives attend many of the emergency meetings with decision makers and must be sure that everyone is receiving

accurate, timely information. It was pointed out that SLFPA-E and NWS representatives will be having a follow up meeting. Mr. Graham explained that as a part of the pilot project the NWS is developing impact catalogs to understand the trigger points for emergency managers and entities like the SLFPA-E. Understanding the trigger points will assist the NWS in refining its message. Mr. Doody advised that the SLFPA-E would provide its triggers points to the NWS. He added that the SLFPA-E will make the most conservative decision in advance of a hurricane since public safety is its first priority.

Mr. Turner commented that the SLFPA-E and NWS have had a good working relationship for many years. The SLFPA-E recently received a list of available website NOAA and NWS products. The SLFPA-E is determining how the newer products can be utilized in its operations. He stressed the importance of the ability for SLFPA-E representatives to discuss situations with NWS representatives via telephone. The SLFPA-E can also report out of the ordinary conditions to the NWS and the NWS can communicate this information to the media through its communication network. The SLFPA-E recently instituted an alert system for mariners for the sector gates at Bayous Bienvenue and Dupre. The NWS receives alerts from this system.

The utilization of storm surge warnings in the future was discussed. Mr. Barry suggested that storm surge warnings be categorized similar to wind scale. Mr. Doody noted that the public needs to be informed about the potential impact to the particular area where they live and about the difference in impact inside and outside of the HSDRRS.

NWS representatives explained that in the past the NWS referenced storm surge to a datum; however, for the last several years it has used feet above ground or inundation. The NWS will potentially be relying more on P-Surge and P-Surge exceedance, which takes into account forecast era in a more significant and wiser manner. The public and media should be educated to break away from the tendency to relate storm surge to Saffir-Simpson category. The storm surge warning will be a big help for decision makers and removes the ambiguity about communicating threat. Tropical cyclone impact graphics are available every six hours and should be made available to the public. Storm surge scenarios for Isaac were furnished by the NWS as part of its briefing package to public officials. Decision makers are told to look one category up in order to take into account forecast errors. The media is brought to the NWS office each year for training.

PUBLIC COMMENTS:

Craig Berthold asked about the Capital Outlay Requests in reference to survey work. Mr. Doody explained that Capital Outlay funding is being requested for the certification of the Maxent and Forty Arpent Canal Levees for FEMA purposes.

COMMITTEE REPORTS:

Finance Committee: Mr. Estopinal reported that the Finance Committee met on October 4th during which the following items were considered:

- The Committee received the results of the financial audit of the SLFPA-E, East Jefferson Levee District (EJLD), Orleans Levee District (O.L.D.) and Lake Borgne Basin Levee District (LBBLD). The audit report was as good as could be received in the public sector.
- A status report was received on the O.L.D. cellular tower lease negotiations. The finalized recommendation will be brought to the Board.
- Renewal of O.L.D. Auto Liability Insurance coverage was discussed and has been placed on the Board agenda for approval.
- Renewal of O.L.D. Health Insurance Coverage was discussed. Information was also received from the Office of Group Benefits relative to the potential for coverage.

Operations Committee: Mr. Wittie advised that the Operations Committee did not meet during the month of October.

Legal Committee: Mr. Barry advised that the Legal Committee did not meet during the month of October. Approval of the legal invoices has been placed on the Board agenda.

CPRA/Governmental Affairs: Mr. Barry advised that he attended the CPRA Board meeting yesterday. He explained that the CPRA Board receives monthly Natural Resource Damage Assessment (NRDA) updates relative to the BP oil spill. A presentation was provided at the CPRA meeting concerning the resurfacing of oil from the spill. Members of the CPRA Board have discussed how the Coast Guard seems wetted to BP in its unilaterally removing areas from active response over the objections of the State.

Mr. Barry noted that the Coast Guard plan for enforcing the IHNC Regulated Navigation Area (RNA) is predicated upon 72 hours advance notice of a hurricane; however, not every hurricane affords 72 hours advance notice. He advised that he communicated with Senator Vitter's office several weeks ago relative to this issue because the Senator planned to meet with the head of the Coast Guard and the SLFPA-E want to ensure that this point was raised.

Mr. Barry commented that Garrett Graves, the Governor's Executive Assistant for Coastal Activities, advised during yesterday's CPRA meeting that the State has provided language to work around the earmark issue relative to the transfer of the O&M responsibilities for the IHNC Surge Barrier to the USACE. Mr. Barry stated, however, that he was not sure that the Congress would agree.

Mr. Doody announced that one of the projects that was submitted by the State and approved for construction using advance settlement BP monies is an oyster cultch project that will establish oyster reefs on the edge of some of the eroding shorelines within the SLFPA-E's jurisdiction.

Mr. Barry added that the CPRA also received a presentation on the development of non-structural plans for risk reduction. There is a significant commitment in the State

Master Plan for non-structural elements. The CPRA will form a subcommittee and a non-structural advisory committee to deal with this issue.

Coastal Advisory Committee: Mr. Kemp reported that the Coastal Advisory Committee met on September 20th. The Committee received a briefing from Mr. Luetlich on the hurricane modeling that he did for the State and the USACE in the lead up to Isaac. The modeling was very precise in predicting the inundation that occurred. The Committee also discussed the draft Gerwick report on the New Orleans Land Bridge (Chef to Rigolets). The report provided most of the new information at a CPRA meeting held last week to convene Parish, USACE and levee board officials from around Lake Pontchartrain for the first organizational discussion of the Lake Pontchartrain Barrier. The State's 2012 Comprehensive Coastal Plan indicated that the Lake Pontchartrain Barrier project should receive prompt consideration because of its huge potential benefits; however, it also has a downside for neighboring areas, particularly for Hancock County, MS. On-going discussions are anticipated relative to the barrier project. Mr. Doody added that the SLFPA-E was instrumental in having the barrier project included in the State Master Plan within the 50-year timeframe.

Mr. Barry asked the status of the Committee's consideration about how the SLFPA-E should proceed with the development of priorities for enhancing flood protection. Mr. Kemp explained that the Committee did not yet have an answer about how to add risk reduction, whether internal or external, to the existing level through other mechanisms. The Committee became somewhat off track because of Hurricane Isaac and its members wanted to digest all of the information that came out of this hurricane event. He hoped that the Committee could have some discussion on this issue in the next month.

Mr. Kemp advised that the Non-Governmental Organization (NGO) community sponsored a symposium at LSU last week at which all of the latest information was brought together on the ten fundamental questions that people ask about coastal restoration. The goal is to have the information available on the internet. Much of the information concerns the Mississippi River and its current condition. He commented on the West Bay Diversion, which was artificially opened in 2003. The Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) task force voted last week to leave the diversion open after abundant information was presented that the diversion was not causing significant shoaling in the navigation channel. This is consistent with the information concerning the reason why sand is not getting to the mouth of the river. Upriver stages for specific flood discharge are increasing; however, in Belle Chase the stages are decreasing because the river is exiting before it reaches this point. This situation will have an impact on flood control in this region.

Mr. Kemp commented on the potential for the SLFPA-E to cooperate in an effort to reestablish cypress in an area in the Central Wetlands unit as it freshens over time. The SLFPA-E is considering a cooperative effort with a LSU team to set up a cypress nursery at the USACE pumping station. The pumping station pumps water from the polder near Violet over the Forty Arpent Levee into the Central Wetlands unit.

REGIONAL DIRECTOR'S REPORT:

Mr. Turner distributed the Regional Director's Report (copy appended to minutes). He reviewed highlights of the report and commented on the following issues:

- Seabrook Complex and IHNC Surge Barrier Gates – Stevan Spencer, SLFPA-E Regional Chief Engineer, and O.L.D. staff have been receiving training on the O&M of these structures.
- Bayou Bienvenue Vertical Lift Gate and Bridge – The USACE is looking at a problem that developed and will make the appropriate changes.
- Mississippi River Levees (MRLs) – The USACE is currently taking a hard look at the MRLs regarding the vegetation free zone. The USACE will provide a levee system evaluation report to FEMA as part of the levee accreditation requirements for the entire system. The SLFPA-E was requested to provide information on MRL rights-of-way. The USACE has identified trees and other objects that may be considered encroachments for closer examination. The USACE will use this information to develop maps and plans in order to do what is required for the levees to remain safe.
- Permitting – A meeting was held recently in Baton Rouge to afford the State an opportunity to provide a first view of the workings of an automated permitting program. Comments were developed after the meeting and submitted to the State for review.
- HSDRRS Information - A meeting was held with the USACE's consulting engineering firm that maintains the databases for much of the HSDRRS information housed at the USACE New Orleans District. The SLFPA-E requested that the USACE provide a means to access its information; however, this is unlikely due to a firewall. The SLFPA-E is attempting to work out a way to effectively store this information in-house or have the State act as a repository of the information.
- Hurricane Isaac After Action Review (AAR) – SLFPA-E e-mail was identified as an area needing work. E-mail was hosted on a local exchange server in the SLFPA-E office. The server was moved to the O.L.D. facilities during Isaac. Although this plan worked in the past, problems were encountered during Isaac and extraordinary measures had to be taken to continue e-mail communications. SLFPA-E e-mail has been moved from the local exchange server to Microsoft Exchange 365. Microsoft Exchange 365 is a web based product that works in a cloud environment. The cost of this service is approximately \$220 per month.
- Levee Certification – Statements of Qualifications were received and will be reviewed. The selection committee will include Mr. Turner, Mr. Spencer and two Commissioners.
- Grants – The contract with Shelly Midura for grant administration has ended due to Ms. Midura acceptance of a full time position with a law firm. Grant invoices will be processed by O.L.D. staff. The SLFPA-E is considering another contract, similar to Ms. Midura's contract, for services for finding and obtaining grants.

- LPV 109a (South Point to CSX Railroad – Levee Embankment) – The project was constructed using wick drains to achieve accelerated consolidation and increase shear strengths. It was found after testing that the shear strengths were not what had been anticipated and settlement is greater than anticipated in some areas. The designer of record is considering another lift.
- Highway 11 Floodgate – Significant settlement is being experienced in the gate monoliths on either side of the highway. The designer of record has submitted a report outlining the problem and providing recommendations. The USACE is reviewing the report in order to determine a path forward.
- LPV 149 (Caernarvon) Tie In to MRL – The elevation of the HSDRRS is +26-ft. and the elevation of MRL is approximately +19.5-ft. The USACE agreed to address the step down tie in and is considering several options.
- Pile Bending – Batter piles were driven for 23 miles of floodwall in settled soils. After the SLFPA-E and CPRA pointed out the need to examine the settlement calculations more closely, the USACE did an advanced study and the settlement was found to be significantly higher than originally anticipated in two of the four areas investigated. The USACE will redo its calculations for stresses in the piles. The USACE is also considering additional instrumentation in some of the other no work zone areas where soil conditions are extremely poor and repeating the process to determine whether the settlement calculations are correct.
- IHNC Surge Barrier – Cracks have developed in the parapet wall and decking atop of the barrier. Some of the cracks may exceed specification and white paper limits. The USACE is investigating this situation.
- West Return Floodwall – Some cracking occurred in the concrete monoliths as the concrete cured. There is an on-going discussion between the State and the USACE on this issue.
- Foreshore Protection – The project experienced some distress during Isaac and additional work will be required.
- Corrosion Issue – The SLFPA-E tried to obtain the status of the Independent External Peer Review (IEPR). A disconnect seems to have occurred since the handling of IEPRs was removed from Task Force Hope and delegated to the individual project managers. The SLFPA-E is pushing hard on USACE leadership to continue the IEPR and allow SLFPA-E involvement in the process.

Mr. Pineda requested that information be provided at an Operations Committee meeting concerning the monitoring of the waterside erosion along the Orleans, London and 17th Street Canals.

Mr. Doody requested that Items XII.C.2, 3 and 4 and XII.D.1 and 3 be taken as the next orders of business. There was no objection.

NEW BUSINESS:

RESOLUTION NO. 10-18-12-02 – RENEWAL OF O.L.D. AUTOMOBILE LIABILITY AND LIMITED PHYSICAL DAMAGE INSURANCE COVERAGE

Gerry Gillen, O.L.D. Executive Director, advised that there is a reduction in the premium cost and that most of the driving occurs off road. Defensive driving courses are provided to employees every two years.

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

WHEREAS, the Orleans Levee District's Automobile Liability and Limited Physical Damage Insurance policy will expire on November 1, 2012; and

WHEREAS, the Republic Insurance Group is an Admitted Insurance Company in the State of Louisiana and Rated A-VIII by A. M. Best; and

WHEREAS, the Republic Insurance Group submitted the lowest cost proposal for an Automobile Liability and a Limited Physical Damage policy through Morrison Insurance Agency with no deductible, and a \$2,500.00 deductible for physical damage, for a term of one year, commencing on November 1, 2012 and expiring on November 1, 2013 at 12:01 am, at an estimated annual premium of \$149,402.00.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the procurement of an Automobile Liability with Limited Physical Damage Coverage Policy from the Republic Insurance Group through Morrison Insurance Agency at an estimated annual premium of \$149,402.00 for a period of one year commencing on November 1, 2012.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

RESOLUTION NO. 10-18-12-03 – AWARD OF CONTRACT FOR BAYOU ST. JOHN OBSOLETE FLOOD CONTROL STRUCTURE DEMOLITION PROJECT

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

WHEREAS, the Bayou St. John Waterfall Structure requires demolition as recommended in the Bayou St. John Water Management Plan Report; and

WHEREAS, the Bayou St. John Obsolete Flood Control Demolition Project was advertised and four bids were received as follows:

Bidding Contractors	Total Base Bid Price
Anders Construction, Inc.	\$83,895.00
Cycle Construction Company LLC	\$95,282.00

Concrete Busters of LA, Inc.	\$185,120.00
Centaur, LLC	\$309,566.00

WHEREAS, funds for this project are available from the Sea Grant and matching funds from the approved FY 2012 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 \$83,895.00 to Anders Construction, Inc., and the establishment of a budget in the amount of \$95,000 to include contingencies, for the Bayou St. John Obsolete Flood Control Structure Demolition Project.

BE IT FURTHER RESOLVED, that the Orleans Levee District Executive Director is hereby authorized to execute a contract in the amount of \$83,895.00 with Anders Construction, Inc., 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. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-04 –
CLEARING AND GRUBBING OF MAXENT AND PARIS ROAD LEVEES**

Mr. Gillen explained that bids were obtained using the State Procurement Code. A number of bids were considered non-responsive for failure to fulfill certain requirements, such as insurance.

On the motion of Mr. Barry,

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

WHEREAS, the Maxent and Paris Road Levees need clearing and grubbing of trees and brush to prepare for future FEMA levee certification efforts; and

WHEREAS, the Maxent and Paris Road Levee work was advertised and eighteen (18) bids were received, as follows:

Bidding Contractors	Total Base Bid Price
Murphy Construction	\$ 75,400.00 Non-Responsive
Cross Environmental Services, Inc.	\$ 92,505.94 Non Responsive
Magee Excavation & Development, LLC	\$ 98,100.00 Non-Responsive
Beverly Construction, Co.	\$115,579.99 Non-Responsive
Holliday Construction, LLC	\$118,045.92 Non-Responsive
Task Force, LLC	\$122,372.00 Non-Responsive
Young General Contracting, Inc.	\$128,158.00 Non-Responsive
Wallace C. Drennan, Inc.	\$144,732.00
Jay Bearden, Co.	\$169,430.36 Non-Responsive
Byrd Brothers Emergency Services, LLC	\$181,974.00

Durr Heavy Construction, LLC	\$184,660.00
Hard Rock Construction, LLC	\$185,200.00
Irvin Trucking & Demolition, Inc.	\$187,222.00 Non-Responsive
Ceres Environmental Service, Inc.	\$191,988.94 Non-Responsive
Sealevel Construction, Inc.	\$202,880.00 Non-Responsive
Phillips & Jordan, Inc.	\$226,920.00 Non-Responsive
Cycle Construction, Co., LLC	\$255,010.00 Non-Responsive
Mike Munna, LLC	\$464,143.62 Non-responsive

WHEREAS, the first seven (7) lowest bids must be rejected as being non-responsive based on Barriere Construction Company L.L.C. vs. Terrebonne Parish Consolidated Government and Terrebonne Parish Council 754 So2d 1123 (La. App. 1 Cir., February 18, 2000), which ruling provides that public entities must regard all requirements of a bid as formalities and not subject to being waived, and has been confirmed by the Louisiana Attorney General's Office; and

WHEREAS, funds for this project are available from the approved FY 2012 Special Levee Improvement Fund and are within the given budget range of \$150,000.00 and \$250,000.00.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the award of a contract in the amount of \$144,732.00 to Wallace C. Drennan, Inc., and the establishment of a budget in the amount of \$170,000.00 to include contingencies, for the clearing and grubbing project on the Maxent and Paris Road Levees.

BE FUTHER RESOLVED, that the Orleans Levee District Executive Director is hereby authorized to execute a Purchase Order in the amount of \$144,732.00 with Wallace C. Drennan, Inc. 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. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-05 –
AUTHORIZATION TO UTILIZE ATKINS FOR PROFESSIONAL SERVICES
REQUIRED FOR REPAIRS AT PUMP STATIONS NOS. 6 AND 7**

On the motion of Mr. Barry,

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

WHEREAS, after conducting a competitive selection process, the Louisiana Office of Coastal Protection and Restoration (OCPR), and PBS&J entered into a contract for professional services on September 15, 2009; and

WHEREAS, in order to expeditiously proceed with required repairs of pumps 1, 2 and 3 at Pump Station No. 6, the Board by Resolution No. 12-16-10-13 authorized

the Lake Borgne Basin Levee District (LBBLD) to utilize PBS&J to perform the Engineering and Design (E&D) necessary in the production of technical contract documents, construction cost estimates, construction management support and special services through a task order issued by OCPR to PBS&J under the abovementioned contract, and to reimburse OCPR for said services with the expectation of reimbursement by FEMA in accordance with FEMA Project Worksheets (PW's) Nos. 19196F, 19199F and 19200F; and

WHEREAS, the Memorandum of Agreement (MOA) between OCPR and the LBBLD executed on February 18, 2011, for utilizing the services of PBS&J, terminated on May 15, 2012; and

WHEREAS, not all of the aforementioned E&D work has been completed and FEMA has issued revised Project Worksheets for additional repairs at Pump Stations Nos. 6 and 7; and

WHEREAS, the Coastal Protection and Restoration Authority (CPRA – formerly OCPR) has agreed to task Atkins Global (formerly PBS&J) to perform the E&D services for the outstanding repairs of pumps 1, 2 and 3 and the additional repairs required at Pump Stations Nos. 6 and 7 as outlined in PW 19763, 19790(v1), 19792(v1), 19794(v1) and PW 19840; and

WHEREAS, CPRA will pay Atkins Global for said work upon concurrence from the LBBLD, the LBBLD will reimburse CPRA, and the LBBLD will then request reimbursement from FEMA.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the LBBLD to utilize Atkins Global under a task order to be issued by CPRA under its Professional Services Contract for the E&D services required in connection with the outstanding repairs of pumps 1, 2 and 3 and the additional repairs required at Pump Stations Nos. 6 and 7.

BE IT FURTHER RESOLVED, that the LBBLD Executive Director and/or SLFPA-E President is authorized to execute a Memorandum of Agreement with CPRA and any and all additional documents necessary to carry out the above.

BE IT FURTHER RESOLVED, that Resolution No. 08-16-12-09 is hereby rescinded.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

RESOLUTION NO. 10-18-12-06 – HAZARD MITIGATION GRANT PROGRAM FUNDING – LBBLD SAFE ROOMS AND PUBLIC OUTREACH

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

WHEREAS, the St. Bernard Parish Government (Parish) requested and received a grant for Federal assistance under the Hazard Mitigation Grant Program (HMGP) for mitigation against natural hazards and invited interested participants to voluntarily participate in the program; and

WHEREAS, Objective 7.3.1.5 of the St. Bernard Parish Hazard Mitigation Plan includes “Building Retrofitting and Safe Rooms” and Hazard Mitigation Goal 7.1 of the Plan includes “Enhancing public awareness and understanding of disaster preparedness” as means of hazard mitigation; and

WHEREAS, the Lake Borgne Basin Levee District (LBBLD) / Southeast Louisiana Flood Protection Authority-East (SLFPA-E) prepared and submitted eligible HMGP applications through the Parish to the Governor’s Office of Homeland Security and Emergency Preparedness (GOHSEP) for funding for three safe rooms in close proximity to LBBLD Pump Stations Nos. 1, 7 and 8 and for education and outreach activities in St. Bernard Parish; and

WHEREAS, the aforementioned applications were approved by FEMA and GOHSEP and the Parish’s HMGP Grant has been amended to include the following projects:

HMGP Project No. 1603-087-0004 (FEMA 1603-DR-LA, Project #00343 – Phase I) - \$517,105 for costs associated with Phase I activities for three safe rooms in close proximity to LBBLD Pump Stations Nos. 1, 7 and 8 in St. Bernard Parish

HMGP Project No. 1603-087-0006 (FEMA 1603-DR-LA, Project #00151) - an amount not to exceed \$125,000 for costs associated with LBBLD education and outreach activities in St. Bernard Parish

WHEREAS, a Cooperative Endeavor Agreement is required between the Parish and the LBBLD/SLFPA-E for each of the above projects for the utilization and administration of the HMGP grant funds.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the LBBLD Executive Director to execute a Cooperative Endeavor Agreement for each of the above mentioned HMGP projects.

BE IT FURTHER RESOLVED, that the LBBLD Executive Director is authorized to execute any and all other documents necessary to carry out the above.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

EXECUTIVE SESSION:

1. Theodore Lang Versus Orleans Parish Levee District, Civil District Court for the Parish Of Orleans, State of Louisiana, No. 1998-1781, Division “J”, Section 5.
2. Succession of Carter Ursin and Charles Ursin (Eusan) and the heirs of Joseph C. Eusan through Warren H. Eusan, Michelle Eusan and Ahmed Collins vs. Board of

Levee Commissioners of the Orleans Levee District of the State of Louisiana, Court of Appeal 4th Circuit No. 2011-CA-1105.

A motion was offered by Mr. Barry, 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 12:20 p.m.

A motion was offered by Mr. Wittie, seconded by Mr. Estopinal and unanimously adopted, for the Board to reconvene in regular session at 1:10 p.m.

RESOLUTION NO. 10-18-12-07 – LEGAL ACTION

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

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East follow the recommendation of Counsel provided in the Executive Session held this date in the case entitled “Theodore Lang Versus Orleans Parish Levee District, Civil District Court for the Parish of Orleans, State of Louisiana, No. 1998-1781, Division “J”, Section 5”.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None
ABSENT: Mr. Barnes and Mr. Jackson

RESOLUTION NO. 10-18-12-08 – LEGAL ACTION

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

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East follow the recommendation of Counsel provided in the Executive Session held this date in the case entitled “Succession of Carter Ursin and Charles Ursin (Eusan) and the heirs of Joseph C. Eusan through Warren H. Eusan, Michelle Eusan and Ahmed Collins vs. Board of Levee Commissioners of the Orleans Levee District of the State of Louisiana, Court of Appeal 4th Circuit No. 2011-CA-1105”.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None
ABSENT: Mr. Barnes and Mr. Jackson

NEW BUSINESS: (continued)

RESOLUTION NO. 10-18-12-09 APPROVAL OF LEGAL INVOICES

On the motion of Mr. Barry,
Seconded by Mr. Wittie, 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 October 18, 2012", have been reviewed and approved by the appropriate levee district Executive Director, the SLFPA-E Regional Director and the SLFPA-E General Counsel, Robert Lacour; and

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

BE IT HEREBY RESOLVED, that the legal invoices listed on the spreadsheet entitled "Legal Invoices Approved on October 18, 2012" are hereby approved.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

RESOLUTION NO. 10-18-12-10 – SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY-EAST- CAPITAL OUTLAY PROGRAM FUNDING REQUEST

Mr. Doody commented that it is unlikely that the State will provide funding for the levee certification.

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

WHEREAS, the State of Louisiana COP funding applications are required to be submitted by November 1, 2012, with a Resolution requesting sponsor funding; and

WHEREAS, the Southeast Louisiana Flood Protection Authority-East has a project that requires funding from the COP in order to implement said project.

BE IT HEREBY RESOLVED, the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) by this Resolution formally requests the State of Louisiana COP to fund the following SLFPA-E project for Fiscal Year 2013-2014 in the amount shown:

**LEVEE CERTIFICATION – MAXENT LEVEE AND LOWER NINTH
WARD/ST. BERNARD BACK LEVEE - \$4,500,000**

BE IT FURTHER RESOLVED, that the SLFPA-E does hereby certify, in accordance with the State Capital Outlay Act, the following:

1. There is no bond funding, other than State general obligation bond funding, sufficient to fund the above Capital Outlay request.
2. All local options for funding for this Capital Outlay request through taxation, special assessments, loans, bonds, or other resources have been considered and rejected as not being feasible or readily acceptable at this time.
3. There is no revenue source for these non-recurring project appropriations.
4. No surplus and/or unobligated funds are available.

BE IT FURTHER RESOLVED, that the SLFPA-E is committed to providing a local project match to the extent it is economically able for the amounts required/ recommended and necessary by the State.

BE IT FURTHER RESOLVED, that the SLFPA-E Regional Director be authorized to sign any and all documents necessary to accomplish the above.

BE IT FURTHER RESOLVED, that the SLFPA-E Regional Director is hereby authorized and designated to act on behalf of SLFPA-E in all matters pertaining to the aforementioned project for which Capital Outlay funds are being requested including requests for State disbursements.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-11 – APPROVE ISSUANCE OF
TASK ORDER NO. 09-01-01 TO BOB JACOBSEN, PE, LLC**

On the motion of Mr. Kemp,

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

WHEREAS, Indefinite Delivery-Indefinite Quantity (ID-IQ) Contract No. 02-03 was executed on June 18, 2009, between the Southeast Louisiana Flood Protection Authority-East and Taylor Engineering, Inc., for Professional Coastal Engineering Services; and

WHEREAS, by Resolution No. 07-21-11-05, the Board approved the Assignment of the aforementioned contract from Taylor Engineering, Inc. to Bob Jacobsen, PE, LLC; and

WHEREAS, by Resolution No. 04-19-12-09, the Board approved an extension of the expiration date of the aforementioned contract to December 31, 2012, and the issuance of Task Order No. 02-03-09 for the System Wide Compartmentalization Study – Evaluation of Risk Reduction Scenarios in an amount not to exceed \$176,000; and

WHEREAS, by Resolution No. 08-16-12-04, the Board authorized a new ID-IQ Contract with Bob Jacobsen, PE, LLC, for Professional Coastal Engineering Services; and

WHEREAS, there is a need to transfer Task 4 – Risk Reduction Analysis – from Task Order No. 02-03-09 to a new task order (Task Order No. 09-01-01) under the new ID-IQ Contract with Bob Jacobsen, PE, LLC; and

WHEREAS, the scope of work for the aforementioned task shall remain the same and have a not-to-exceed cost of \$33,475 and a new project schedule ending on March 31, 2013.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the issuance of Task Order 09-01-01 as stated above for the task entitled Risk Reduction Analysis, and authorizes the SLFPA-E Regional Director to execute said task order.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-12 – COOPERATIVE ENDEAVOR AGREEMENT
BETWEEN NEW ORLEANS AVIATION BOARD AND SLFPA-E**

Robert Lacour, SLFPA-E General Counsel, explained that the issue about the type of insurance coverages that will be needed still needs to be worked out. He requested that the Cooperative Endeavor Agreement (CEA) be approved subject his working out any necessary details. Mr. Doody recommended that the resolution be amended to substitute the SLFPA-E for the EJLD. Mr. Barry and Mr. Wittie concurred with the amendment and no objection was offered by the Board. It was pointed out that the intent of the amendment was not to open the CEA to participation by levee districts other than the EJLD. Fran Campbell, EJLD Executive Director, explained that payment for the police details would be made by Louis Armstrong New Orleans International Airport to the EJLD for disbursement and the EJLD would retain \$2 per hour. Mr. Doody noted that the levee districts should be adequately capturing the costs of providing police details and be reimbursed for those costs. Mr. Lacour requested that the resolution state that the EJLD Executive Director is authorized to execute the CEA. There was no objection to the inclusion of this provision in the resolution.

On the motion of Mr. Barry,

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

WHEREAS, a Cooperative Endeavor Agreement is contemplated between the City of New Orleans by and through the New Orleans Aviation Board and the Jefferson Parish Sheriff's Office, St. Charles Parish Sheriff's Office and the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) for security services for the Louis Armstrong New Orleans International Airport; and

WHEREAS, security services will be provided in the form of police details and will be in accordance with the East Jefferson Levee District's (EJLD) policy for such details.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the aforementioned Cooperative Endeavor Agreement (CEA) between the City of New Orleans by and through the New Orleans Aviation Board and the Jefferson Parish Sheriff's Office, St. Charles Parish Sheriff's Office and the Southeast Louisiana Flood Protection Authority-East.

BE IT FURTHER RESOLVED, that the EJLD Executive Director be authorized to execute the aforementioned CEA.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-13 –
ANNEXATION OF EJLD PROPERTY TO THE CITY OF KENNER**

Mr. Lacour advised that the City of Kenner wishes to become the governing authority over an area in Laketown that is currently being governed by Jefferson Parish. Governmental entities in the area must approve the annexation.

On the motion of Mr. Barry,

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

WHEREAS, a portion of Laketown (the only portion that existed in 1994) was annexed to the City of Kenner in 1994; and

WHEREAS, the City of Kenner wishes to annex all of the remaining area of Laketown (west of the existing annexation) and a portion to the east of the existing Laketown that has not yet been reclaimed; and

WHEREAS, the approval of annexation would be granted in accordance with LA R.S. 39:11, LA R.S. 33:172, 33:172.1 and 33:180; and

WHEREAS, the East Jefferson Levee District is the non-resident property owner of a portion of that area proposed for annexation and consents to the annexation of its property described herein and its inclusion within the city limits of the City of Kenner.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East, the governing authority of the East Jefferson Levee District, does hereby approve of the lawful annexation of the areas described as East Annex Area and West Annex Area, as more fully described on the attached Exhibit "A" and Exhibit "B", respectively, and as shown on the attached Exhibit "C" to the City of Kenner, Louisiana.

BE IT FURTHER RESOLVED, that the East Jefferson Levee District Executive Director is hereby authorized to sign any and all documents necessary to accomplish the above.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None
ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-14 – EAST JEFFERSON LEVEE DISTRICT-
CAPITAL OUTLAY PROGRAM FUNDING REQUEST**

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

WHEREAS, the State of Louisiana COP funding applications are required to be submitted by November 1, 2012, with a Resolution requesting sponsor funding; and

WHEREAS, the East Jefferson Levee District (EJLD) has projects that require funding from the COP in order to initiate planning, design, land acquisition and construction phases of said projects.

BE IT HEREBY RESOLVED, the Southeast Louisiana Flood Protection Authority-East on behalf of the EJLD by this Resolution formally requests the State of Louisiana COP to fund the following EJLD projects for Fiscal Year 2013-2014 in the amounts shown:

**Planning, Design, Land Acquisition and Construction of a
Safehouse/Consolidated Operating Facility - \$20,720,877**

BE IT FURTHER RESOLVED, that the EJLD does hereby certify, in accordance with the State Capital Outlay Act, the following:

1. There is no bond funding, other than State general obligation bond funding, sufficient to fund the above Capital Outlay request.
2. All local options for funding for this Capital Outlay request through taxation, special assessments, loans, bonds, or other resources have been considered and rejected as not being feasible or readily acceptable at this time.
3. There is no revenue source for these non-recurring project appropriations.
4. No surplus and/or unobligated funds are available.

BE IT FURTHER RESOLVED, that the EJLD is committed to providing a local project match to the extent it is economically able for the amounts required/ recommended and necessary by the State.

BE IT FURTHER RESOLVED, that the EJLD Executive Director be authorized to sign any and all documents necessary to accomplish the above.

BE IT FURTHER RESOLVED, that the EJLD Executive Director is hereby authorized and designated to act on behalf of EJLD in all matters pertaining to each of the aforementioned Projects for which Capital Outlay funds are being requested including requests for State disbursements.

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

YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-15 – ORLEANS LEVEE DISTRICT
CAPITAL OUTLAY PROGRAM FUNDING REQUEST**

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

WHEREAS, the Orleans Levee District (O.L.D.) has successfully obtained funding from the State of Louisiana Capital Outlay Program (COP) for the design of several vital projects over the past years; and

WHEREAS, the State of Louisiana COP funding applications are required to be submitted by November 1, 2012, with a Resolution requesting sponsor funding; and

WHEREAS, the O.L.D. has projects that require funding from the COP in order to initiate design and/or construction phases of said projects.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East on behalf of the O.L.D. by this Resolution formally requests the State of Louisiana COP to fund the following O.L.D. projects for Fiscal Year 2013-2014 in the amounts shown:

A. Seawall Flood Protection Modification, Phase I (at Lakeshore Drive)	\$ 5,000,000
B. Bayou St. John Water Management Improvements	\$ 875,000
C. Highway 90 Land Bridge	\$ 5,000,000

BE IT FURTHER RESOLVED, that the O.L.D. does hereby certify, in accordance with the State Capital Outlay Act, the following:

1. There is no bond funding, other than State general obligation bond funding, sufficient to fund the above Capital Outlay request.
2. All local options for funding for this Capital Outlay request through taxation, special assessments, loans, bonds, or other resources have been considered and rejected as not being feasible or readily acceptable at this time.
3. There is no revenue source for these non-recurring project appropriations.
4. No surplus and/or unobligated funds are available.

BE IT FURTHER RESOLVED, that the O.L.D. is committed to providing a local project match to the extent it is economically able to for the amounts required/recommended and necessary by the State.

BE IT FURTHER RESOLVED, that the O.L.D. Executive Director be authorized to sign any and all documents necessary to accomplish the above.

BE IT FURTHER RESOLVED, that the O.L.D. Executive Director is hereby authorized and designated to act on behalf of O.L.D. in all matters pertaining to each of the aforementioned Projects for which Capital Outlay funds are being requested including requests for State disbursements.

The foregoing was submitted to a vote, the vote thereon was as follows:
YEAS: Mr. Barry, Mr. Estopinal, Mr. Kemp, Mr. Luettich, Mr. Pineda and Mr. Wittie
NAYS: None
ABSENT: Mr. Barnes and Mr. Jackson

**RESOLUTION NO. 10-18-12-16 – LAKE BORGNE BASIN LEVEE DISTRICT
CAPITAL OUTLAY PROGRAM FUNDING REQUEST**

Nick Cali, LBBLB Executive Director, explained that earlier in the meeting the Board approved the execution of a CEA with St. Bernard Parish for Phase I funding for three safe rooms under a Hazard Mitigation Program Grant (HMPG). Phase I has been obligated in the amount of \$517,000 for site survey and design. Once Phase I has been completed, an application will be submitted for Phase II for the actual brick and mortar dollars. The LBBLD is a sub-applicant of St. Bernard Parish for this HMPG funding. The LBBLD will continue to pursue other funding alternatives in the event that HMGP funding is not received.

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

WHEREAS, the Lake Borgne Basin Levee District (LBBLD) has successfully obtained funding from the State of Louisiana Capital Outlay Program (COP) for several vital projects over the past years; and

WHEREAS, the State of Louisiana COP funding applications are required to be submitted to Facility Planning and Control by November 1, 2012, with a Resolution requesting sponsor funding; and

WHEREAS, the LBBLD requires funding from the COP for various projects.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East on behalf of the LBBLD by this Resolution formally requests the State of Louisiana COP to fund the following LBBLD projects for Fiscal Year 2013-2014 in the amounts and priority shown:

LIST OF PROJECTS

1. Drainage Improvements to LA 46 Roadway
and Drainage Improvement Project Between Parish Road
and Webster Road, Planning and Construction \$ 3,840,000
2. Flooding and Drainage Improvements, Planning and
Construction \$ 270,000
3. Drainage Pump Stations and Channel Improvements,
Land Acquisition, Planning and Construction \$ 11,550,000
4. Bulkheading of Canals, Planning and Construction-Phase 1 \$ 2,040,000
5. Storm Proofing Pump Stations St. Bernard Parish, La.
Planning and Construction - Phase 1 \$ 8,000,000

6. Storm Proofing Pump Stations St. Bernard Parish, La.
Planning and Construction - Phase 2 \$ 8,000,000
7. Storm Proofing Pump Stations St. Bernard Parish, La.
Planning and Construction - Phase 3 \$ 8,000,000

BE IT FURTHER RESOLVED, that the LBBLD does hereby certify, in accordance with the State Capital Outlay Act, the following:

1. There is no bond funding, other than State general obligation bond funding, sufficient to fund the above Capital Outlay request.
2. All local options for funding for this Capital Outlay request through taxation, special assessments, loans, bonds, or other resources have been considered and rejected as not being feasible or readily acceptable at this time.
3. There is no revenue source for this non-recurring project appropriation.
4. No surplus and/or unobligated funds are available.

BE IT FURTHER RESOLVED, that the LBBLD is committed to providing a local project match to the extent it is economically able to for the amount required/recommended and necessary by the State.

BE IT FURTHER RESOLVED, that the LBBLD Executive Director and/or SLFPA-E President is hereby authorized to sign any and all documents necessary to accomplish the above.

BE IT FURTHER RESOLVED, that the LBBLD Executive Director and/or SLFPA-E President is hereby authorized and designated to act on behalf of LBBLD in all matters pertaining to each of the aforementioned Projects for which Capital Outlay funds are being requested including requests for State disbursements.

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

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

NAYS: None

ABSENT: Mr. Barnes and Mr. Jackson

The next regular monthly Board meeting will be held on November 15, 2012 and hosted by the Orleans Levee District.

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

SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

REGIONAL DIRECTOR'S REPORT

October 18, 2012

100 Year Level of Protection

IHNC 01 - Seabrook Complex:

The Seabrook project is complete and was opened to navigation on July 2, 2012.

Both vertical lift gates and both sector gate leafs are installed and can be operated manually or by generator. Two of three coordinated operational exercises have been held with Orleans Levee District (OLD). The last scheduled one was held on Oct. 16, 2012.

Final inspection is scheduled for Nov. 7, 2012.

IHNC 02 - Inner Harbor Navigation Canal Hurricane Storm Surge Barrier:

The Project is 98% complete, and a final inspection is scheduled for Nov. 15, 2012. Bayou Bienvenue Gate is open to the public with a 22' height restriction.

The scour stone placement in the GIWW on the bypass side has been completed. The construction access channel closures on flood and protected sides are complete.

Traylor Brothers, the approach wall subcontractor, has completed all the end piers and approach wall-related work. A few punchlist items remain to be corrected before this feature is complete.

The contractor has to re-shim the hinges on the South GIWW Sector Gate and fill the skin tanks with about 22" of water to address the buoyancy issue. This work should be finished before the end of the month.

The Designer of Record is writing all final responses and gathering the paperwork for the Sector Gate concerns.

CJ Mayhan is working to complete architectural finishes at the control houses; roof flashing is the only remaining item.

Barge Gate repair is in the construction submittal phase. The repairs started on Oct. 15, 2012, and will take about five weeks to complete. The subcontractor is 99% complete with the mechanical, electrical and plumbing work.

All of the concrete at the north shore complex has been placed. Architectural finishes (the painting and roof) in the safe house are being completed. Wiring for the electrical equipment in the safe house, testing the generators, and running conduit & wire out to power the GIWW gates are being completed. The GIWW Sector Gate opens and closes by using all permanent equipment and shore power. The north vehicle access ramp's splash pad and wave ejector concrete placements are complete. Work on the final grading, scour stone placement, and turf establishment are underway. The permanent bulkhead storage platform structure is complete and the bulkheads are stored on the structure.

GIWW Sector Gate commissioning should begin in mid-October.

GIWW Barge Gate commissioning is partially complete and should wrap up after the repair is finished in mid-November 2012.

Bayou Bienvenue Gate commissioning is complete.

The south vehicle access ramp and splash pads with wave ejectors are complete. Final grading, scour stone placement, and turf establishment is ongoing.

A review of the Operation and Maintenance Manuals took place Sept. 26, 2012, at the USACE district office and was attended by representatives of the corps, state Coastal Protection & Restoration Authority, SLFPAE and the Orleans Levee District.

Four (4) half day training sessions for the Bayou Bienvenue vertical lift gate and bridge started on Oct. 15, 2012, OLD, Corps, CPRA and SLFPAE representatives attended. The next four (4) half day training sessions are scheduled for Oct. 22, 2012 for the sector gate.

East Jefferson Levee District:

Reach 1 Lakefront Levee:

The Notice of Construction Complete (NCC) letter for this project was transmitted by USACE on July 31st 2012.

Reach 2 Lakefront Levee:

The NCC letter for this project was transmitted by USACE on July 31st 2012.

Reach 3 Lakefront Levee:

The NCC letter for this project was transmitted by USACE on Aug. 8, 2012.

Reach 4 Lakefront Levee:

The NCC letter for this project is in the executive office waiting to be signed.

Reach 5 Lakefront Levee:

The NCC letter for this project is in the executive office waiting to be signed.

Bonnabel Breakwater Project:

The NCC letter for this project was transmitted by USACE to CPRA and copied to EJLD on Nov. 12, 2010.

Duncan Breakwater Project:

The NCC letter for this project was transmitted by USACE to CPRA and copied to EJLD on Feb. 2, 2011.

Williams Blvd. Floodwall and Gate:

The NCC letter for this project was transmitted by USACE to CPRA and copied to EJLD on May 31, 2012.

Bonnabel Floodwall and Gate:

The NCC letter for this project was transmitted by USACE to CPRA and copied to EJLD on May 17, 2012.

Pump Station Fronting Protection:

The work is about 80% complete and continues at all four stations; the breakwater concrete has been completed at all pump stations. Bonnabel and Duncan pump stations have been dewatered and excavation and demolition have begun in the basin. Pile driving is ongoing at both Duncan and Bonnabel pump stations. Modification work is ongoing at both Elmwood and Suburban pump stations. Pre-inundation inspections were held at both Elmwood and Suburban stations. The contractor has an approved Hurricane Plan for Duncan Pump Station and has implemented the plan on site.

LPV 017.2 (Causeway Crossing):

Work is approximately 93% complete. The phase II traffic switch to the new roadway is complete in both directions. An additional turning lane has been added to the southbound lane to alleviate congestion. Phase III pile driving, as well as for the canopy, is complete. Contractor continuing to work on the all-weather access road, retaining walls and placing embankment, as well as Phase III diaphragms and deck spans. A temporary bulkhead was installed at Monolith M5 to achieve 100-year hurricane protection. The final inspection and NCC for this job will be pushed into spring of 2013. Zone Meeting was held on Oct. 4th.

West Return Levee/Floodwall – North (LPV-03.2B):

All work for the project is substantially complete. The contractor has finished capping the rip rap on the flood side of the new flood wall. Pre-final inspection was held May 23, 2012. USACE and the contractor are working on completing punch list items. There is a seepage area at the pump station near the south end of the project, and attempts to fix it have been unsuccessful so far. There was some damage to the rock dike, berm and access road on the flood side of the “re-curve” area during Hurricane Isaac. Repair of damage to the “re-curve” area will be modified into the LPV 01.2 project, and the seepage repair work will be modified into the Landside Runoff project. Final inspection is scheduled for Oct. 24, 2012.

West Return Levee/Floodwall North LSRO (Landside Runoff Collection System)

The 95% plans and specifications are under review.

West Return Levee/Floodwall – South (LPV-03.2A):

All work for the project is substantially complete. Pre-final inspection was held May 30, 2012. The USACE and contractor are working on completing punch list items. Turf establishment remains an issue. There are also two panels of scour protection on the protected side that need to be replaced. Final inspection is scheduled for Oct. 23, 2012.

Foreshore Protection Reaches 1 and 2:

Work is approximately 96% complete. The contractor has completed the recapping of the rock dike and the erosion modification and has begun to mobilize and start replacing the clay embankment washed out during Hurricane Isaac. This contract will be modified to include Isaac damage to the "re-curve" area of the LPV 3.2B project. There is an additional failure area on Reach 1 that still needs to be addressed, but there has been no direction yet from USACE to the contractor on how to repair the recent failure area. Turf will not be established until spring 2013.

Foreshore Protection Reaches 3 and 4:

Work is approximately 96% complete. The contractor has completed the recapping of the rock dike and the erosion modification and has begun to work on replacing the clay embankment that was washed out during Isaac. They will also need to re-dress a small amount of the rock dike. Most of the debris that was washed on site during Isaac has been cleaned up. Turf will not be established until spring 2013.

West Return Levee (Airport Runway):

The NCC letter for this project was transmitted by USACE on Aug. 1, 2012.

Orleans Levee District:

LPV 101.02 (17th St. Canal to Topaz Street):

Construction is complete.

The final inspection was held on June 28, 2012; as-builts are being prepared.

Ladders are being placed on the floodgates, under another project, for a total of 24 ladders throughout the NO East lakefront.

Asphalt parking lot buckled during Hurricane Isaac; fix is being investigated.

LPV 102.01, 103.01, and 104.01:

Projects are complete and NCC letters transmitted to Orleans Levee District on all three projects.

LPV 103.01A1 (Bayou St. John):

Construction is complete; final inspection held on May 24, 2012. Received NCC on Aug. 22, 2012.

LPV 103.01A2 (Rail Street and Lake Terrace Flood Gate):

Construction is complete, and Lakeshore Drive is fully open to traffic. The guard rail at Lake Terrace floodgate was realigned. The NCC was issued on Aug. 2, 2012.

LPV 104.01A (Ramp Crossings – Lakeshore Dr.):

Construction of the originally required work is complete and all ramps are open to vehicular traffic. Turf establishment is still incomplete at the Canal Boulevard ramp. Joint sealant at UNO floodwall needs to be replaced.

The existing I-walls at Franklin Avenue have been converted to L-walls (LPV-104.02b). Only turf establishment remains. The pre-final inspection is scheduled for Oct. 29, 2012.

LPV 104.02 (Seabrook West Side IHNC):

The original construction of the railroad floodgate is complete. The final inspection will be rescheduled, and punch list items (cracks in slope pavement) are being resolved. Additional contract modifications are required to convert the I-wall section at the miter gates on Lakeshore Drive to L-wall and to construct a sheet pile or cut-off wall to address seepage design issues between Franklin Avenue and the Seabrook Complex. All of the piles have been driven for the conversion. The L-wall work is scheduled to be completed before Nov. 1, 2012. The seepage cut-off wall work is scheduled to be awarded in mid-October, 2012.

LPV 105.01 (Lakefront Airport T-Wall West):

Construction is complete. All lanes of traffic are open at Downman Road. One street light and pole still must be replaced on the protected side of the floodwalls. Guard rails at Downman Road were corrected per Louisiana Department of Transportation & Development (LDOTD) direction. Gates still require final exercising and adjustment. Final inspection is scheduled for the Oct. 31, 2012.

LPV 105.02 (Lakefront Airport T-Wall East):

Construction is 99% complete, including all T-wall monoliths. The pre-final inspection was held Aug. 22, 2012. Both ramps have been paved, and all additional slope pavement work is complete. Horizontal joint sealant in slope pavement needs to be redone. Final inspection is scheduled for Nov. 7, 2012.

LPV 106 (Citrus Lakefront Levee):

Construction is complete. Concrete slope pavement cracks on the floodside still must be repaired; resolution is pending. A USACE white paper on "Crack Repair" has been finalized and used in the inspection process. Operation and maintenance safety concerns still need to be addressed. Corps is still investigating continuous cracking of the slope pavement on the flood side of the levee along the railroad tracks. The drains along the railroad tracks are being excavated and pavement will be sloped to drain.

Final inspections were held on July 26 and Aug. 2, 2012. Armoring may still be required on the protected side of the levee (under review by USACE).

LPV 107 (Lincoln Beach Floodgate):

Construction is complete and final inspection was held on Oct. 10, 2012.

LPV 108 (New Orleans East Lakefront Levee):

The project is substantially complete. The USACE hired labor group is mowing the grass and correcting rill problems; a bigger roller was used and appears to have been successful in flattening them out. The access roadway at the levee toe has been removed and the area seeded. Gravel was replaced and reshaped on the levee crown. Final inspection was held May 22, 2012, but further work on turf is required. A second final inspection was held Oct. 10, 2012, following the last grass cutting by the corps.

LPV 109.02a (South Point to CSX Railroad – Levee Embankment):

Construction is complete and final inspection was held July 25, 2012.

Highway 11 floodgate monoliths are settling and now leaning away from the floodgate. URS is investigating the movement and has submitted their report to the USACE for review.

Further movement of the slope pavement and by-pass road is occurring and will continue to be monitored. The by-pass road slump was repaired.

The 15' vegetative clear zone waiver request is in review.

Final resolution of the 23 monitoring test sections is pending completion of a final report by URS.

A report from URS confirming the increased shear strengths resulting from the wick system is pending. Increased strengths are expected to confirm the necessary factors of safety for stability, as required by the HSDRRS.

Debris removal from Hurricane Isaac along the toe of levee berms is being done by a different contractor. All debris will be removed from site. OLD's concern is for turf establishment: will it need to be redone in these removal areas? and was there any erosion?

LPV 109.02a1 (South Point to CSX Railroad - Wick Drain Test Section):

Construction is complete.

LPV 109.02a2 (South Point to CSX Railroad – Drainage Blanket):

Construction is complete.

LPV 109.02b (I-10 Crossing):

Construction is complete. Subsidence on the shoulders of I-10 is being investigated. Further survey work is required. The NCC is being prepared by USACE, pending the subsidence review and resolution.

LPV 109.02c (South Point to CSX Railroad – Hwy 90 and Hwy 11 Floodgates):

Construction is being done under LPV 109.02a.

LPV 110 (CSX Railroad Crossing):

Construction is complete. The NCC was issued on June 4, 2012.

LPV 111.01 (North Side GIWW):

Construction is complete, including all T-wall construction and deep soil mixing.

The 15' vegetative clear zone waiver request is in review.

Final inspection was held on June 6, 2012. Small areas of turf still need to be addressed. The NCC is being prepared.

Debris removal from Hurricane Isaac along the toe of levee berms is to be done by a different contractor and is underway. Debris will be hauled away from the site. OLD's concern is for turf establishment: will it need to be redone in these removal areas? and was there any erosion?

LPV 113 (NASA):

Construction is substantially complete. Final inspection was held Aug. 23, 2012. Gravel around the relief wells need to be dressed out prior to a second final inspection, which is scheduled for Oct. 31, 2012.

OFC-03 London Ave. Canal:

Turf still needs to be established. Final inspection was held on Nov. 15, 2011; another final inspection will be scheduled to check turf establishment. The NCC planned for July 18, 2013.

OFC-04A Orleans Canal:

The work is complete and punch list resolution meeting was held Sept. 28, 2011. Rill problems have been corrected and re-establishment of turf is ongoing. The NCC is planned for July 12, 2013.

OFC-05 17th Street Canal:

The project is nearly complete. Re-establishment of turf is ongoing. The final inspection (both sides) is scheduled for Nov. 1, 2012. The NCC is planned for Nov. 16, 2012.

OFC-06 Orleans Canal:

The project is complete, and the NCC was transmitted on March 9, 2012.

LPV192.02b Buttress Slab:

The work is nearly complete. Final inspection has been scheduled for late August, pending turf establishment. Due to weather and storm, access to borrow pit has delayed work.

LPV192.02 Berm:

USACE Memphis Hired Labor force constructed this project (Phase III), and the work is complete. Turf establishment issues remain. Hydro seeding is on-going. Final inspection was scheduled for Sept. 7, 2012, pending turf establishment, but needs to be rescheduled due to weather.

LPV192.03 Relief Wells

Work is substantially complete. Final inspection was held May 23, 2012. Turf establishment is complete, but there are issues still being reviewed. The NCC was received on July 20, 2012.

France Road Floodgate

The project is complete. The final inspection was held July 31, 2012. Road is open to traffic. The NCC was issued on September 28, 2012.

Lake Borgne Basin Levee District:

LPV 144 (Bayou Dupre Control Structure):

The work is about 99% complete. A final inspection was held March 8, 2012. The contractor has completed all punch list items. Vibrations were detected during gate operation. Further investigations have determined there is a problem with the hinge and pintle assemblies. Operations Branch from USACE has dewatered the structure. The gate was jacked up and the upper hinge and pintle bushing were removed and examined for damage. The upper hinge was fitted with new greaseless bushing system and was reassembled. It was determined that the pintle ball was not completely round and would have to be replaced. A new greaseless bushing system will be installed as well. This will be done with a second dewatering in early 2013. The gate is re-assembled and is operating. The project will be dewatered again in spring and final repairs will be made.

Construction of the jib crane pad will be done as part of the access road modifications.

The section of the PDD dealing with abandonment of the old Bayou Dupre Structure is being revised by Corps.

LPV 145 (Bayou Bienvenue to Bayou Dupre):

The project is complete.

The USACE is installing instrumentation to collect data to support the "pile bending moment" analysis. Work began April 12, 2012, and is being coordinated with CPRA. The report on this will be out in early October.

The bridge design by Arcadis is scheduled to be complete before the end of this calendar year, and bids for construction should out in early 2013. The bridge design 65% review is underway. A PDT team has been established for this project.

Access Road project on this reach is in 95% plan review; work scheduled for fall of this year.

Debris clean up from Hurricane Isaac is underway.

Safety Rail modification completed.

LPV 146 (Bayou Dupre to Verret):

Work is complete. The emergency by-pass ramp for LA Hwy 46 is complete and paved. The access road has developed settlement cracking, which will be addressed in spring of 2013. The final inspection was held on Aug. 23, 2011. As-built plans and the O&M Manual are under review by USACE.

Access Road Project is in 95% design review and work should be completed in the fall of 2012.

Debris clean up from Hurricane Isaac is underway.

Safety Rail modification work is underway.

LPV 147 (LA Hwy 46 Flood Gate):

Work is complete. The final inspection was held Aug. 5, 2011. As-built drawings and O&M manuals are being prepared.

Debris clean up from Hurricane Isaac is underway.

Modification to trolley system will be done by New Orleans District Hired Labor.

LPV 148.02 (Verret to Caernarvon):

Construction is substantially complete. Final inspection was held on June 11, 2012, and all punch list items were completed. USACE has started the NCC process on this project.

Access Road Project is in 95% design review and work should be completed in the fall of 2012.

Debris clean up from Hurricane Isaac is underway.

LPV 149 (Caernarvon Floodwall – Lake Borgne Basin Levee District):

The work is about 99% complete. The pre-final inspection was held Oct. 21, 2011. All power supply issues have been resolved, and permanent power to the structure was installed on Dec. 13, 2011. The USACE held a punch list resolution meeting Jan. 3, 2012. The final inspection for this project was held Friday Aug. 17, 2012. The result of this inspection was that the trolleys need to be maintained on a regular base.

Water level gauges are installed on both flood and protected sides of the sector gate. The data collected from these gauges will be posted on “River Gauges” web site.

Debris clean up from Hurricane Isaac is underway.

The USACE is looking to changing the project tie-in to the Mississippi River levee. Designs are being reviewed.

Armoring:

Staff continues to engage the USACE on armoring planning and design.

SLFPA-E has reviewed the Armoring Project Description Document (PDD) and provided its comments to the USACE through CPRA. CPRA has asked for a response to its comments before the PDD is forwarded to the Mississippi Valley Division Commander for signature. The current schedule for approval is Nov. 16, 2012.

An armoring test site was constructed in St. Charles Parish during the latter part of September 2011, and an additional test section was constructed on the LPV 111 project site in late October/early November 2011.

The purpose of the test was to determine the potential for damage to HPTRM from wild hogs. In April of 2012, the HPTRM was removed from the St. Charles levee project to check on how well the turf roots were anchored through it into underlying soil. Report is in review.

The USACE proposes two more armoring pilot projects, the first of which now will be constructed on an east bank HSDRRS levee in St Charles Parish (LPV-05.2B). The project is about one-mile long. Work will begin in early November, 2012, and should be completed in May 2013. The work will include installation of high performance turf reinforced mat, or HPTRM. Sod will be placed on half the mat, and the other half will be seeded. Plans and specs have been

reviewed by SLFPAE, EJLD, and CPRA and those comments are being incorporated in the final P&S. A “sources sought” list was reviewed by the USACE for material criteria of the HPTRM. Five of the six manufacturer/submitters met the original criteria. An additional pilot project is currently under consideration for the SLFPAW. Lessons learned from all these pilot projects are to be incorporated into the permanent armoring work, which is not expected to begin until the fall of 2012.

The west bank project will start and finish roughly during the same time frame.

Permanent Pump Stations

The USACE awarded the design-build contract for the permanent pump stations on Sept. 28, 2012, to PCCP Constructor’s for \$629,500,000.00. The PCCP Constructors joint venture is comprised of Kiewit Louisiana Co., Traylor Bros., Inc., and the M. R. Pittman Group, LLC.

Originally, the design-build contract for the stations was awarded on April 13, 2011, for \$674 million to CBY Design Builders, a joint venture of CDM, Brasfield and Gorrie, and Yates Construction, but the award was protested by two of the unsuccessful bidders. Subsequently, the U.S. Court of Federal Claims approved a decision by the Corps to set aside its awarding last year of the \$674 million contract with CBY Design Builders, as suggested by the GAO.

HSDRRS Elevation and Status Maps

The USACE has published a map showing the 100-year level of protection elevations for the hurricane protection levee system in the metro New Orleans area. The elevations depicted are current as of June 2010. The map can be found at the following web address:

http://www.mvn.usace.army.mil/hps2/pdf/2010_System_Construction%20Status_Map.pdf

The new Greater New Orleans HSDRRS June 2012 Status Map can be found at the following web address:

http://www.mvn.usace.army.mil/hps2/pdf/Status_Map_June_2012_reduced.pdf

FEMA National Flood Insurance Program Levee System Accreditation

USACE leadership is pushing hard to find ways to make up lost time and accelerate contracts that have slipped beyond original completion dates so that accreditation isn’t adversely affected. Estimated completion dates change on most of these contracts from month to month as new issues present themselves and existing ones are resolved.

Fifty percent models for interior flooding have been developed by the USACE for FEMA. The models are in review by the pertinent drainage districts, and revisions are ongoing. SLFPAE staff and executive directors attended recent meetings with FEMA and the appropriate parish officials to discuss final results.

The OLD and LBBLD will have to “certify” the non-federal levees in the Lower Ninth Ward/St. Bernard area and New Orleans East. We are working with FEMA and the USACE to develop a plausible path forward. The SLFPAE Board approved a Request for Qualifications for services needed to certify the non-federal levees. We received seven submittals to the RFQ request on Sept. 25, 2012, and a selection committee has been appointed. We also are investigating funding sources that could be used to pay for the certification work, which includes the state’s IEB program.

The authority has signed a PAL Agreement with FEMA for the non-federal levees in the Lower Ninth Ward/St. Bernard and New Orleans East areas.

The Corps of Engineers, at our request, has partially completed a damage assessment report on the 40 Arpent Levee in St. Bernard and Orleans parishes in the aftermath of Hurricane Isaac.

Coastal Protection and Restoration

State of Louisiana – CPRA

The next meeting is scheduled for Nov. 21, 2012; location to be determined.

Lake Borgne Basin Levee District:

The Violet Freshwater Diversion is not operating due to low river stage.

Flood Fight

The SLFPA-E After Action Review has been completed, items identified for improvement have been listed, and a plan is being developed to evaluate and incorporate all feasible suggested changes.

The Mississippi River is near El. 2.0' at the Carrollton Gage and is predicted to fall half a foot during the next 30 days. The Carrollton Gage rose to 12.38' during Hurricane Isaac.

Design and Construction

East Jefferson Levee District:

The EJLD Safe House and Consolidated Facility Project surveys were completed by BFM this week and sent to Waggonner and Ball, the architects. Bob Lacour is waiting for quotes for title policies. Surveys will be sent to the City of Kenner in order for us to request City Council approval of the alienation of the streets and property from the City, as well as the re-subdivision and rezoning of the area. A city planning and zoning representative is assisting us with preparation of documents for the alienation of street and the re-subdivision. The EJLD has requested estimates for the Phase I Environmental assessment and is awaiting their arrival.

Orleans Levee District:

The new Franklin Avenue safe house facility was substantially completed on Aug. 21, 2012; punch list items are being corrected.

The Franklin Administration Building Refurbishment Project is advertised and bids will be opened on Oct. 16, 2012.

The Bayou St. John Waterfall Removal Project bids have been received and at the Oct. 18 board meeting, the district will recommend that SLFPAE commissioners award in the amount of \$83,895.00.

The Bayou St. John Dredge Project is advertised, and bids will be opened on Oct. 25, 2012.

The Maxent/Paris Road Levee Clear and Grub Project bids have been received, and at the Oct 18 board meeting, the district will recommend that SLFPAE commissioners award in the amount of \$144,732.

The Bayou Bienvenue Maintenance Cycle Project is advertised, and bids will be opened on Oct. 30, 2012.

The Outfall Canal Bank Stabilization Monitoring Project is 50% complete and the Florida Avenue Sheet Pile Rehabilitation Project, 63% complete.

The Lakefront Seawall Reach 1B Erosion Control Project Design is 49% complete for both reaches, and final design drawings are being reviewed.

Lake Borgne Basin Levee District

LPV 145 Swing Bridge

USACE is intending on awarding the design of the swing bridge across Bayou Bienvenue to URS; the 65% review is complete and issues are addressed at regular Project Delivery Team meetings. The USCG permit for the bridge, including clearances, is being finalized by the Corps. Estimated award for construction is May of 2013 and completion by June 1, 2014.

Radio Tower

Bids to replace the LBBLD VHF Communication Tower were opened on June 19, 2012, and the contract was awarded on Aug. 27, 2012. Anticipate issue of NTP to contractor by Oct. 22, 2012.

Pump Stations

Damaged Pump #1 at Pump Station #7 - Pump #1 has been removed and is at the Conhagen facility for repair. Plans and specifications from Conhagen have been reviewed by BKI, Inc., to ensure that the best design is used for repairs. BKI's final report recommends a possible change in the start-up procedure to avoid torque spikes. LBBLD recommends additional testing by BKI to determine which start-up procedure will work best. BKI has submitted its proposal for the additional work.

Seepage Repairs at Pump Stations #2 and #3 - WS Nelson provided LBBLD with the 60% design submittal and construction cost estimates. USACE has reversed its earlier decisions and is proceeding with the seepage repairs as a 100% federal project, as indicated in Gen. Temple's letter of March 29, 2012, to Sen. Vitter. USACE Project Manager Chris Gilmore has been provided the 60% plans and specifications, and award of the A/E Task Order is scheduled for Oct. 31, 2012, with a contract award date of Aug. 17, 2013.

- LBBLD is still awaiting a letter from the USACE that their authority to complete the Pump Station # 2 and #3 seepage repairs does not extend to any other project on the Back Levee. Such a letter was requested by FEMA in order to keep the funded projects elsewhere on the Back Levee moving forward as planned.
- FEMA has agreed to reimburse LBBLD for A&E fees up to the date of the USACE letter, which is approximately 80%.

Repairs to Pumps 1, 2, and 3 at Pump Station #6 - The FEMA PWs (19790, 19792 & 19794) for this project are obligated. Advertising and bidding documents were provided to LBBLD and

are under review. Bid document modifications are still ongoing. Projected bid date is anticipated by Oct. 31, 2012.

Corrosion on discharge pipes at PS #6 and PS #7 - On Oct. 13, 2011, a Version request accounting for the updated cost estimate of \$212,422 for each station was submitted to FEMA. The FEMA PW for this project (which has been assigned number PW 19840 V0) has passed environmental review. This work will be added to the bid documents for the repairs at Pump Station #6 as both a cost-saving and time-saving measure.

Remote Control/Telemetry for PS #2 and PS #3 - WS Nelson has submitted 100% plans and specifications, and they are under review by LBBLD staff. This work will be incorporated with the safe rooms through FEMA HMGP funding.

Erosion Repair (Fronting Protection) at PS #6 - The FEMA PW (19763) for this project is obligated. A cost estimate for the work was reviewed by LBBLD and LADOTD and was subsequently provided to FEMA.

Internal Affairs

We continue to have three inspectors working with us provided by CPRA, and we are getting additional technical assistance from CPRA staff, LDOTD staff, and consultants Atkins North America and Vali Cooper International through an ID/IQ contract with CPRA. One inspector is now primarily focused on the completion of the IHNC Surge Barrier project. The state is considering what inspection services will be needed on the permanent pump stations project and will make a decision in the near future.

Halcrow Inc. has completed review of the Safe Water Elevation (SWE) Reports and the designs for the remediation work proposed by the USACE for all three outfall canals. All major comments submitted by Halcrow have been incorporated into the current plans or are under further review by USACE consultants. The maximum stick-up/minimum embedment issues identified by Halcrow are still being investigated by the USACE. The SWE Report was reissued as the "Mean Operating Water Level" (MOWL) Report with the text rewritten. Halcrow has completed the review of the final version of the MOWL Report for the London Ave. Canal and 17th St. Canal. Final review has been completed for the Orleans Canal. This work is being conducted under Halcrow's original SOW. The New Orleans District is having each canal's report reviewed in detail by other corps districts. The USACE ETL 1110-2-575 (6/14/2011) regarding Evaluation of I-Walls has been released by the Corps and Halcrow is reviewing the document to determine potential impacts to previously completed work. We met with the corps on Sept. 21, 2012, to discuss additional remediation work required by the corps on the three outfall canals. Additional remediation reports were done by the corps, and we are reviewing the draft reports along with Halcrow. According to the corps, it should address the remaining canal issues found by Halcrow on all three canals. An extension to Halcrow contract was approved by the SLFPAE Board.

The "Hurricane Risk & Safety Module for the New Orleans Levee System" demonstration project is complete. The transfer and location of the website for the next year is being considered.

SLFPA-E staff is working closely with CPRA staff to develop an automated, on-line permitting process for levee districts. Billy Wall is the project manager. A beta version was demonstrated on Sept. 24, 2012, in Baton Rouge for the new "online permit software". It may be a year before it is fully operational.

On Aug. 6, 2012, SLFPA-E, SLFPA-W, CPRA and corps personnel met to discuss floodgate information for use in the "Emergency Operations System" floodgate module. SLFPA-E and levee district staffs have updated floodgate information contained in the new program. The system was used successfully during the recent Hurricane Isaac event.

Two internal working groups are dealing with new operation and maintenance (O&M) requirements for the HSDRRS. One group focuses on general O&M and the other group focuses on the specialized O&M requirements for the surge barrier and navigation gates. The board selected a consultant on Sept. 20, 2012, to assist the latter group, and the consultant contract is being prepared.

The next Coast Guard monthly RNA Assessment tour is scheduled for Oct. 24, 2012.

The three levee districts will submit their state Capital Outlay requests to the SLFPAE board on Oct. 18, 2012.

Corps realignment on LPV Projects:

The New Orleans District Corps office has decided to turn over review and resolution responsibilities of outstanding HSDRRS design and construction issues to two other corps districts. The Memphis District will handle the New Orleans East polder and St. Paul District will handle the St. Bernard polder issues.

Safety:

SLFPAE levee districts will continue to conduct ongoing safety meetings to review levee district safety manuals and emphasize the importance of following safety rules and guidelines at all times. All field inspectors will conduct a similar ongoing safety meeting process.

New Contracts:

Atkins North America, Inc. (Oct. 12, 2012)
Levee Inspection Services for LBBLD
Not to Exceed (NTE) \$12,535.62.

VCI Contract No. LB-2012-10-VCI002
Construction Management Services for LBBLD
Not to Exceed (NTE) \$30,000

Hurricane Preparedness:

The 2012 Hurricane Season ends on Nov. 30, 2012.

The Hurricane Isaac debris removal missions for the LPV projects were started by the USACE on Sept. 27, 2012, and are expected to take approximately 60 days to complete.