

**MINUTES OF THE
SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY – EAST
BOARD MEETING
THURSDAY, OCTOBER 15, 2009**

The regular monthly Board Meeting of the Southeast Louisiana Flood Protection Authority - East (Authority or SLFPA-E) was held on Thursday, October 15, 2009, in the Second Floor Council Chambers, Joseph Yenni Building, 1221 Elmwood Park Boulevard, 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
Stradford A. Goins, Vice President
George Losonsky, PhD, Secretary
Stephen Estopinal, Treasurer
David P. Barnes, Jr.
John M. Barry (arrived 11:25 a.m.)
Thomas L. Jackson
Ricardo S. Pineda
Louis E. Wittie

OPENING COMMENTS:

Mr. Doody stated that it was appropriate that the Board is meeting today while President Obama is visiting New Orleans. He commented that he hoped that the President will be briefed on some of the regional issues and places that he will not be able to visit today, such as the Inner Harbor Navigation Surge Barrier, the loss of Louisiana's coast, and the still devastated and fully recovered parts of the greater New Orleans area.

Mr. Doody commented on State Legislative issues and the need to take a pro-active stance to change legislation to help the Authority and levee districts. One issue is the liability assumed by the Authority and/or levee districts related to the use of the bike paths located on the levee crowns, the issuance of permits for crossing flood protection, and the design and construction of levee protection by the U.S. Army Corps of Engineers (USACE). He stated that Robert Lacour, SLFPA-E General Counsel, and the Pontchartrain Levee District's legal counsel will provide information on this subject at the Association of Levee Boards of Louisiana's Annual Meeting.

Mr. Doody explained that the seat filled by the Authority on the Coastal Protection and Restoration Authority (CPRA) is allowed by the CPRA's rules. The Authority represents a large population of the State located very near the coast; therefore, a seat on the CPRA should be a legislative requirement.

Mr. Doody advised that Colonel Sinkler was unable to attend today's meeting and had asked that the presentation on armoring be rescheduled to the Board's next meeting.

Mr. Doody stated that there had been discussions in recent meetings about whether the Board truly makes a difference. He commented on some of the positive changes that could be attributed to the input, actions and hard work by the Board, collectively, and by its individual members. He provided a few examples and recognized members of the Board for their hard work:

- Mr. Jackson and other members of the Board for changes to the designs for the permanent pump stations at the outfall canals.
- Mr. Losonsky for the seismic testing of levees and use of new technology.
- Mr. Goins and Mr. Jackson for the London Avenue Load Test.
- Mr. Wittie for the incorporation of new turn specifications in USACE construction contracts.
- Mr. Jackson and Mr. Wittie for the development of safe houses for the levee districts.
- Mr. Pineda for the development of Independent Delivery-Indefinite Quantity contracts for the Authority.
- Mr. Barnes for the development of the original SLOSH models.

Mr. Doody predicted that the difference that the Authority will make in the future will be broader and wide-reaching in dealing with coastal restoration. He explained that the SLFPA-E was created as a flood protection authority, in lieu of a levee district, because of the coastal restoration piece in flood protection. Once the hurdles in dealing with the contracts currently under design and construction are crossed, the Authority will need to build an organization that can address the coastal restoration part of flood protection.

Mr. Jackson commented that it is difficult to have a feeling of satisfaction since things do not happen very fast. He stated that he attended the first meeting on the outfall canals and pumping stations on the day that the Board was sworn in. Mr. Jackson commented on the public service provided by the members of the Board. He added that he and Mr. Doody voiced the need to obtain interim protection as quickly as possible at the first partnership meeting on the GIWW and at numerous meetings and occasions thereafter. This contributed to achieving the advanced measures that were implemented.

Mr. Doody recognized Aaron Broussard, Jefferson Parish President, and requested that he address the Board.

Mr. Broussard commended the Board for its consideration of a resolution which specified a list of assurances of certain facets of improvements that could be attached to the Project Partnership Agreement (PPA) for the PCCP (Permanent Canal Closure Project). He stated that this resolution provides a good template for Jefferson Parish, the Sewerage and Water Board of New Orleans (S&WB) and the State to emulate. He encouraged the scheduling of a meeting of the local partners (SLFPA-E, S&WB, Jefferson Parish and State) dealing with the outfall canals, and further recommended that their engineers be provided an opportunity to flesh out a complete list of improvements. The collective list could be brought to the respective bodies for adoption

and submittal to the USACE. Mr. Broussard commended the Board for the leadership taken today and reiterated that he hoped this action would be emulated at the Parish, S&WB and State levels. He stated that the next step for Jefferson Parish would be to contact the SLFPA-E concerning representation at a meeting he anticipated would be held next week. The meeting would be used to energize the professionals to build a more comprehensive composite list and to follow the format that the SLFPA-E is using today.

Mr. Doody commented that he hoped the Authority could provide some leadership and a path forward with the resolution on today's agenda.

ADOPTION OF AGENDA:

The agenda was amended to delete Items XIII.A.4 and XIII.A.6 and to defer the Presentation on Armoring of Levees until the next meeting. A motion offered by Mr. Wittie and seconded by Mr. Barnes to adopt the amended agenda was unanimously approved.

PUBLIC COMMENTS:

There were no public comments.

RESOLUTION #10-15-09-01 - APPROVAL OF MINUTES

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

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East hereby approves the minutes of the Board Meeting held on September 17, 2009.

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

YEAS: Mr. Barnes, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: Mr. Barry

COMMITTEE REPORTS:

Finance Committee:

Chairman Stephen Estopinal reported that the Finance Committee met on October 1, 2009, and heard a presentation on prospective health insurance options for Orleans Levee District employees. The presentation was taken under advisement and a recommendation will be made to the Board in the near future. The Committee also discussed automobile liability coverage for the Orleans Levee District.

Operations Committee:

Chairman Louis Wittie reported that the following matters were addressed by the Committee at its October 1, 2009 meeting:

- Permanent pump stations at the outfall canals - Dan Bradley with the USACE Permanent Pumps Branch answered questions posed by Committee members.
- West Return Floodwall Project - USACE Project Manager Rebecca Constance provided the status of the project.
- Grass growth problems and soils testing – Committee discussed on-going issues.
- Seismic testing of levees – Status of project was provided to the Committee.
- LPV 145 – The Committee discussed the USACE’s deletion of the bridge as a project feature. A temporary bridge will be built by the contractor for the project’s construction. The levee district will not have vehicular access to provide maintenance and inspection of the section of levee between the Bayou Bienvenue and Bayou Dupre Flood Control Structures.
- Levee district safe houses – Status report was provided to the Committee.
- Levee district monthly status reports were received by Committee.

Robert Turner, SLFPA-E Regional Director, advised that the staff has proceeded with informing the USACE about the reasons that it should move away from a stop-log or bulkhead gate design at Caernarvon and either re-align the levee or put in a structure that can be reliably operated and maintained by the levee district. The Office of Coastal Protection and Restoration (OCPR) wrote a letter to the USACE in support of a sector gate, in lieu of a stop log structure, in the Caernarvon Canal. He stated that Colonel Sinkler will officially receive a briefing in the next two days and a decision is expected within the next two weeks. Mr. Doody advised that the Authority is also in discussions with the USACE concerning the inclusion of a bridge in the LVP 145 Project in order to have vehicular access to the levee and future floodwall and floodgates between the Bayou Bienvenue and Bayou Dupre Flood Control Structures. Mr. Jackson commented that these are the types of issues that the Board should be made aware of through the Operations Committee.

Legal Committee:

Chairman Stradford Goins reported that the Committee met prior to the Board meeting and approved legal invoices.

Special Issues Committee:

The Special Issues Committee did not meet in October. Chairman Tom Jackson advised that he plans to schedule a meeting with CPRA representatives to discuss concerns about whether coastal areas, such as the Highway 90 land bridge, that do not have hurricane protection levees are being given adequate consideration.

Mr. Turner pointed out that the Authority has applied for Louisiana Recovery Authority (LRA) grant funding for three projects. One of the projects is a study, preliminary design and cost estimate for fortifying the land bridge.

Mr. Goins advised that Robert Jacobsen will provide a briefing at the next Committee meeting on storm surge modeling. Mr. Turner explained that a workshop is planned on storm surge modeling for the entire system.

REGIONAL DIRECTOR'S REPORT:

Mr. Turner reviewed the Regional Director's Report (copy appended to minutes). He reminded everyone that a tax election would be held on October 17, 2009 for the renewal of a 4.57 mil tax for the Lake Borgne Basin Levee District (LBBLD). The renewal of this millage is needed in order for the LBBLD to fulfill its mission. Mr. Doody added that Tim Jarquin, LBBLD Executive Director, provided a presentation to the St. Bernard Parish Council on the proposed millage renewal. The St. Bernard Parish Council supported the renewal of this millage.

The Board discussed the problems with grass growth in certain levee sections. Mark Schexnayder with the LSU AgCenter advised that turf specialists from the LSU AgCenter were involved in the redrafting of the USACE turf specifications. He stated that these turf specialists are available to work with the Authority on grass growth issues and suggested that one of the LSU AgCenter's turf specialists provide a presentation to the Operation Committee. Mr. Losonsky recommended that clearly defined objectives be established in order to determine solutions for these problems.

Mr. Losonsky suggested that the information obtained from the piezometers installed for the London Avenue Load Test could be used to better understand the wet spots in other areas, such as Reach 4.

Mr. Losonsky asked whether there was an advantage to a stand-alone safe house vs. a safe house constructed within an existing pump station structure. Mr. Turner replied that he did not see an advantage with a stand-alone structure. Mr. Jackson added that a tremendous amount of the money for the Jefferson Parish safe house facilities was spent on the foundations. The LBBLD's safe house consultant was requested to look at several options—one was to take advantage of the significant foundation of the pump station itself. The consultant concurred that taking advantage of the pump station foundation would provide protection at a lower cost. In addition, employees would be close to pump station operations. Mr. Turner advised that Pump Stations 1 and 4 have large superstructures, fortified centralized control rooms and room to build safe housing. However, it will not be practical to build safehousing in all of the pump stations because of the way several of them are constructed.

Mr. Pineda inquired about the use of the levee inspection tool. Mr. Turner explained that the levee inspection tool was tested in several levee districts around the State. HNTB is looking at refining this tool for the State's use. Once the National database is

implemented, the State or the levee districts will be required to upload information into the database, which will require the use of the levee inspection tool or similar software.

Mr. Doody commented that he had sent the Board a copy of the report from the USACE on the improvements that will be required to bring the Mississippi River levees to the 100 year level of protection. John Greishaber with the USACE Hurricane Protection Office explained that the USACE determined after re-running the models that the Mississippi River East Bank Levee should be raised approximately 6-inches for hurricane protection. This is significantly less than what is required for the West Bank. The USACE is now looking at the means and methods by which these levees can be raised. Mr. Greishaber advised that the USACE's overbuild is projected to carry the required elevation ten years out. The hydraulics involved in determining the height of the east and west bank levees were discussed. Mr. Turner recommended that a USACE presentation on the hydraulics for the Mississippi River Levees be provided at the same time as the presentation for the storm surge modeling.

Mr. Goins asked about the paint markings along the IHNC floodwall and whether there had been any movement in the wall between the Chef Menteur Highway and the Lakefront on the west side. Gerry Gillen, Orleans Levee District Executive Director, advised that the paint markings identify and compare cracking in the wall. He indicated that there appeared to be some temperature and shrinkage cracking in the Claiborne Avenue area of the IHNC floodwall. He stated that the O.L.D. would take a look at the area that Mr. Goins inquired about.

EXECUTIVE SESSION:

- 1. Schwegmann Giant Super Markets v. East Jefferson Levee District, Case No. 563-683, Div. I - 24th JDC for the Parish of Jefferson.**
- 2. Discussion of appropriation in Powers Junction area for staging purposes for the construction of LPV 109.02c.**

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

A motion was offered at 12:28 p.m. by Mr. Jackson, seconded by Mr. Losonsky and unanimously adopted, for the Board to reconvene in regular session.

RESOLUTION #10-15-09-02 – OUTFALL CANALS PERMANENT PUMP STATIONS

Mr. Jackson stated that some technical concerns had been expressed last week via e-mail regarding the permanent pump station issue. He stated that his personal opinion is that the contractor and the USACE should look at a higher elevation based slab that could be removed with the pump bottom for an Option 1-type operating condition because of certain reasons, such as sediment in the lower sill elevations. He explained that with a pump of any kind, there are critical conditions between the bottom bell of the

pump and the floor, side and back walls that if not properly addressed, particularly with vertical pumps, will allow the pumps to suck in air and tear up the pumps. There was also concern expressed that the Authority is basically taking this action under duress. He commented on the issue of indefinitely delaying the construction of the pump stations, which could place the City in jeopardy by leaving in interim operations that the USACE is telling the Authority have a very short life span. He stated that he personally thought that it is prudent to proceed with the permanent structures. However, he is considering this resolution under duress because he knows that the construction of Option 2 is a much better solution to the problem. He suggested that the Board may wish to consider the inclusion of a WHEREAS clause in the resolution that basically states that it is picking what it considers as the lesser of two evils at this point, and that given a choice the Board would choose to have the pump stations built immediately to the correct plan, which is Option 2. He stated that he did not want someone to read the resolution at a later date and think that Option 1 was the Board's idea and that the resolution was adopted because it gave up on building Option 2.

Mr. Doody agreed that the Board should take some type of action and that Option 1 is not the best technical solution. He stated that his understanding was that if Option 2 was selected, this type of structure would have to be built anyway. The only potential difference would be some of the retrofitting for the pump stations. He added that there will have to be some type of protection at the mouth of the canals during construction.

Mr. Jackson explained that the pump stations will be built within the present protection. The construction will take place so as to maintain flow into the canals at the same time as the cofferdamming and the stations will be built within the cofferdam. After the new stations are built under Option 1, the canals will still have to be operated in the same exact sequence of events as the current temporary stations. A very expensive gate structure will be built under Option 1. Should an Option 2 scenario be put in place sometime in the future, the gate structure will need to be permanently closed.

Mr. Barry agreed with Mr. Jackson's statements in his opening remarks, with one exception. He did not think that anyone could read the resolution and think that the Board had a choice.

Mr. Estopinal stated that he did not know whether the Board emphasized its trepidation enough over the concept that an Option 1 scenario could be put in place that is reasonably adaptable to Option 2 at a later date. He stated that he was not convinced that the engineering process had been fully vetted for the Option 1 / Option 2 translation. In addition, a good analysis had not taken place of the hydrology that will be experienced under Option 2. He agreed that the Board is taking action under duress.

Mr. Doody commented that earlier in the meeting Jefferson Parish President Aaron Broussard stated that he supported what the Board is doing and that he hoped that the local partners would meet and refine the list that is included in the resolution before the Board. Therefore, this is not necessarily an action under duress, but an action to take a leadership role. He added that he met about a month ago with New Orleans City

Council President Arnie Fielkow, who expressed a tremendous amount of trust in the Board and reliance on its leadership and guidance, particularly in this issue.

Mr. Jackson stated that the Board is doing what it must do in order to not hold up protection. He indicated that CPRA Chairman Garrett Graves is insisting on a formal agreement with the USACE. Mr. Jackson recommended that a provision be included in the agreement which states that the interior levees and floodwalls will be kept in the Federal system until such time as the existing I-walls and levees are completely re-designed and rebuilt to accommodate the maximum flows that the canals should be able handle or until Option 2 is built. He explained that the Authority does not have the wherewithal, financially or with the use of its consultants, to run all of the analyses that will be needed in the future when the S&WB cleans the silt out of the canals and to deal with the problems that come up with the levees over time. These analyses can be run by the USACE and its geo-technical staff. He added that he discussed this issue in a meeting with Karen Durham-Aguilera, Colonel Lee and Colonel Bedey and was told that once the new stations are built, the USACE is not obligated, but could keep the interior levees in the Federal system.

Dan Bradley with the USACE Permanent Pumps Branch explained that it would be up to Congress to de-authorize the interior levees. Mr. Jackson asked whether the authorization for building perimeter protection would, in fact, de-authorize the interior levees. Mr. Bradley indicated that if that was the case that the levees would be de-authorized now and that the USACE did not have any such plans. Therefore, he did not think that there would be a future concern.

Mr. Doody stated that the Authority should review the proposed agreement so that its recommendations could be incorporated in the document.

Mr. Goins commented that there are too many unknowns relative to modeling to approve the resolution before the Board today. He stated that after four years the USACE has not come to a point where it has a firm grip on the technical solution and that it is still in the information gathering phase. He added that he was not comfortable with being asked to approve the beginnings of a final solution, and that he is being asked to make a decision today that, as an engineer, would be irresponsible. He explained that from an engineering stand-point, the USACE does not have all of the necessary data and that the designs are nowhere near the level that is needed. He stated that he understood there are consequences due to drainage needs; however, there are other solutions. He commented that the interim control structure maintenance issues were brought up early; however, these concerns were not addressed by the USACE. The Authority is now being told that it cannot count on the interim structures; however, it does not have enough information to make a decision on the permanent structures.

Mr. Estopinal asked whether anyone had begun the process of determining the hydrology of the City of New Orleans for rainfall events. Mr. Bradley replied, yes, that models were done. The Request for Proposals (RFP) for the design-build project will be

in two phases. The first phase of the RFP will deal with qualifications. A short list will be developed and the responders will be asked for an approximately 30 percent design. All the models that are requested in the technical portion of the RFP will be run in the 30 percent design. He invited the Authority's input in the RFP to ensure that the models that it is looking for are run by the proposers and for the Authority's concerns to be identified in the proposal evaluation process.

Mr. Jackson stated that he asked for a detailed study of Option 2, and not for immediate construction, at the time he testified in front of the U.S. Senate Committee. He explained that the maximum water surface elevation during a design storm that it takes to drain some of the areas of the City, which have drastically subsided since the last model was done in the 1980's, must be known when the casting of the outfall of the drainage system is started. The 1980's study must be completely revisited because of the subsidence. When the water surface elevation is set at the lakefront, it must drain the lowest ground elevation at the furthest point of the system, excluding the Broad Street area which is pumped. Therefore, it is very critical that a good, thorough, lengthy and expensive study be done before Option 2 is taken on. He stressed that Option 2 is the best solution. However, Option 2 must be refined in order for the outfall to be cast in concrete to within at least a foot of the correct elevation.

Mr. Estopinal asked about the modeling that had been done. Mr. Bradley advised that modeling was done by a group out of Vicksburg and that the information could be provided.

Mr. Barry asked that Mr. Bradley detail the situation concerning the interim structures, since much of the pressure is due to the condition of those structures. Mr. Bradley explained that after Hurricane Katrina the USACE was in a hurry to get closure structures in place in the outfall canals before the 2006 hurricane season. The architects/engineers (A/E) were rapidly attempting to get the structures in place knowing at that time that the permanent pump stations would be three to five years down the line. Much of the structuring was not actually coated and is exposed steel. Therefore, many of the problems are due to corrosion. Last year the maintenance cost was approximately \$5 million. The cost of maintenance could increase each year and these costs are coming out of the project funds.

Mr. Barry commented that the USACE was obviously trying to get some protection in place for the City when constructing the interim control structures. He stated that the last investigation was quite critical and asked that Mr. Bradley comment on the investigation. Mr. Bradley explained that the last DoDIG (Department of Defense Inspector General) report was done by Parsons Engineering. The Parsons Report stated that there would be no vulnerabilities in the system as long as the USACE stayed on schedule. The schedule that was provided was the seven year schedule. The report went from DoDIG to the Office of Special Counsel. In investigating a whistleblower's complaint, the Office of Special Counsel hired its own A/E group to do an investigation. The Office of Special Counsel's A/E group was told that they could not speak to any USACE personnel, visit the site or visit the pump manufacturers; therefore, they could

only speak to the whistleblower. Therefore, the report actually repeats the whistleblower's complaint.

Mr. Estopinal commented that it was stated in the reports he read that the projected life span of the temporary pumps is about 5-1/2 years and 50,000 operating hours. He asked for a clarification of the life span. Mr. Bradley responded that the 50,000 operating hours had to do with the life span of a gear within the pump. Other things, including the gear, govern the life span of the pumps. Therefore, five to seven years was expected to be a reasonable serviceable life. This does not mean that the serviceable life could not be prolonged a few more years with maintenance; however, an increasing amount of money would have to be put into the system.

Mr. Jackson pointed out that basically every major pump manufacturer was contacted at the time that the interim control structures were being built. MWI was the only pump manufacturer that could deliver pieces of machinery in the required time period. The normal delivery time by pump manufacturers is at least 18 months.

Mr. Barry stated that the USACE told Congress that a study of Options 2 and 2a would take 18 to 30 months and would be very costly. He asked the reason for the study being so complicated and costly. Mr. Bradley responded that his understanding is that the NEPA process and the environmental considerations of Option 2 are expected to be a large piece of the time frame. Two and one-half miles of canal floor elevation would be lowered under Option 2, which would affect the property on either side of the canal. There would also be a lot of construction activity, investigation and technical studies.

Mr. Doody pointed out that a joint Vitter-Landrieu amendment to a funding request would have funded the study; however, the amendment was stripped out by the committee. Mr. Bradley added that the USACE is authorized to do the study, but does not have the funding.

Mr. Losonsky asked, since the study was not done, what was the basis for the selection? Mr. Bradley replied that Public Law 109-234 was passed by Congress in 2006 and gave the authorization and appropriation to the USACE to design and construct permanent pump stations at the outfall canals. Therefore, the USACE proceeded with a design-build process for the permanent pump stations. Later there was a request for a 4403 Report that compared options, which was the point when the other options came into being.

Mr. Doody pointed out that the USACE's position is that Option 2 is not authorized, and that the Authority vehemently disagrees with the USACE's position. He stated that he hoped that the discussions that ensue from whatever action the Board takes will ultimately lead to some action.

Mr. Jackson indicated that Garrett Graves' public position is that he will insist on including certain conditions in a written agreement. The purpose of the resolution before the Board is to state that the Authority has worked with the USACE and come up

with a list of minimum items that should be included in the agreement. He hoped that the passage of this resolution would give Mr. Graves a clear message of the Board's position. Mr. Doody added that there is now engineering input into the conditions under which the project should proceed.

Mr. Goins pointed out that Mr. Graves had stated that a PPA would only be signed with the USACE which fully preserved all options to achieve the best flood protection for Jefferson and Orleans Parishes. He stated that everyone agrees that Option 2 is the best option. He pointed out that the law says to modify the canals; therefore, the USACE has the authorization and appropriation.

Mr. Jackson agreed that the authorization language actually describes Option 2 better than Option 1 because it states "modification of canal". He commented that he did not want one of the temporary pump stations to fail because it was kept on line too long due to the delay in the construction of the permanent pump station. He reiterated that he supported Option 2; however, he wanted to put the protection of the people of the community first and foremost.

Mr. Barry pointed out that it would be helpful if the USACE were fully supportive of Option 2; however, the reality is that it comes down to money. He stated that if the Authority can make the issues clear and get the support of the White House, then everything would change.

Mr. Jackson recommended the pursuit of language through formal channels to keep the interior levees in the Federal system as he previously suggested. Mr. Barry pointed out that Congress actually mandated the inclusion of the canals as part of the hurricane protection system. Initially, the canals were not to be a part of the system. Therefore, the USACE on its own authority could not take them out of the system. He suggested that language could be drafted to explicitly state that the Authority wants the I-walls to be a part of the hurricane protection system until they are no longer necessary, which would only come when Option 2 is in place. Mr. Doody suggested that the Authority work on this language with and through the CPRA.

Mr. Goins asked what was the USACE's intent relative to the floodwalls? Mr. Greishaber explained that the USACE is currently working with Black and Veach to finalize a report for the London Avenue Canal, which will be shortly followed by reports for the Orleans Avenue Canal and 17th Street Canal. The safe water elevation will be identified within the report. Methodologies will be identified for raising the safe water elevation to elevation 8-ft. and possibly to elevation 10-ft. The USACE will be able to make logical decisions with this information to determine the retrofitting that could be done to the canals to achieve a safe water elevation that would preclude having to close the temporary gates at any time except during a tropical event. The report is still in draft form; however, methodologies that are being considered include driving longer companion sheets, putting in a relief well system and a form of deep soil mixing or a grout curtain. One method will not be used for all situations. In some areas one

method will work better than other methods. The report will address the current safe water elevation and the viability of those methodologies.

Mr. Greishaber explained that, with the exception of one December storm, the USACE had previously used pre-Katrina information. New information has been obtained on additional storms. The model was re-visited and the USACE discovered that the original assumption that they could always operate outside of tropical storms was erroneous. The London Avenue Report is expected in mid-November. Comments are being incorporated at this time and rebuttals to the comments are being fed directly back to the commenters. He noted that Dr. Bachus and Dr. Martin are on the team and that Robert Turner, SLFPA-E Regional Director, and Stevan Spencer, SLFPA-E Regional Chief Engineer, have been invited to meetings.

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

RESOLUTION #10-15-09-02

WHEREAS, the Lakefront Pumping Stations and storm protection closures at the mouths of the 17th Street Canal, the Orleans Avenue Canal and the London Avenue Canal are major components of the hurricane protection for the City of New Orleans and portions of Jefferson Parish; and

WHEREAS, each of the options for these closures have been thoroughly considered, including Option 1 which includes building new pumping stations and closure gates at the lakefront while pumping in series with the existing interior Sewerage and Water Board pumping stations, leaving the outfall canals between the two stations flowing at very high water levels against the defective levees and floodwalls that were breached during hurricane Katrina and only repaired at the failure points; and

WHEREAS, Option 1 would leave these weak levees and floodwalls as an integral part of the system; and

WHEREAS, Option 1 would only provide a part of the improvements required to provide full 100 year hurricane protection and allow drainage of the City to take place without the jeopardy of flooding from a breach of the interior canal levees and floodwalls, and would require very large future expenditures by local agencies to complete the project by replacing the defective levees and floodwalls; and

WHEREAS, Option 1 will require the lakefront and inland Sewerage and Water Board pumping stations to operate in series with each other during hurricane events, and should any operator error occur, a very distinct potential exists that the maximum water level in each of the three outfall canals could be exceeded and result in a failure of the interior levees and floodwalls and water spilling into the City; and

WHEREAS, Option 2 would provide a complete project with permanent hurricane protection at the lakefront and allow drainage of the City without jeopardizing residents from flooding because of a failure of the fragile levees and

floodwalls between the new Lakefront Pumping Station and the Sewerage and Water Board interior pumping stations; and

WHEREAS, the Southeast Louisiana Flood Protection Authority–East has strenuously objected to the construction of new Lakefront Pumping Stations designed for Option 1 conditions only, thus requiring major modifications or complete replacement to accommodate Option 2 conditions; and

WHEREAS, the Louisiana Coastal Protection and Restoration Authority Chairman, Mr. Garret Graves, has stated, “We will only sign a project agreement with the Corps that fully preserves all options to achieve the best flood protection for Jefferson Parish and New Orleans“.

WHEREAS, the United States Army Corps of Engineers has now promised to design and construct the new Lakefront Pumping Stations to accommodate both Option 1 and Option 2 conditions, such that no major structural modifications will be necessary to convert from Option 1 to Option 2 at a later date; and

WHEREAS, the existing Interim Control Structures are not designed for long term use without significant and escalating expenditures over time for maintenance necessary to assure reliable operation; and

WHEREAS, the monies used to pay for the operation and maintenance of the Interim Control Structures comes from the same fund allocated to pay for the design and construction of the new Lakefront Pumping Stations.

NOW THEREFORE BE IT RESOLVED that the Southeast Louisiana Flood protection Authority–East does hereby fully support the selection of Option 2 as shown in the Environmental documents for the three lakefront pumping stations.

BE IT FURTHER RESOLVED, that the Southeast Louisiana Flood Protection Authority–East urges the U.S. Congress and President of the United States to authorize and fully fund Option 2.

BE IT FURTHER RESOLVED, that the Southeast Louisiana Flood Protection Authority–East supports the continuation of the work associated with the new Lakefront Pumping Stations only if: 1) the U.S. Army Corps of Engineers agrees to make modifications to the existing I-Walls along each of the outfall canals necessary to ensure compliance with the present day design criteria for the corresponding required safe water elevations; and 2) the United States Army Corps of Engineers formally agrees to design and construct the new Lakefront Pumping Stations to accommodate both Option 1 and Option 2 conditions, such that no major structural modifications will be necessary to convert from Option 1 to Option 2, with inclusion of the following minimum provisions to accommodate Option 2:

- Pump Station Substructure Intake Sill Elevation adaptable to a deepened canal and lower water surface elevation; and
- Pump Station Substructure sized for deepened canal and lower water surface elevation without need for removal; and
- Pump Station Superstructure sized to accommodate larger engines (electric motors) and gear boxes; and
- General Site Development, Access and Pump Station Footprint sized for future upgrade; and

- Channel Transition adaptable to deepened canals and lower water surface elevation; and
- Expandable Generating Station; and
- Bridge Crane Rails and Supports and station building structure sized to accommodate larger equipment, including removal of equipment when necessary; and
- Numerical and Physical Modeling necessary to confirm proper operation for near term and future conditions; and
- Inclusion of language in the Project Partnering Agreement Amendment providing for all of the above.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: Mr. Goins

ABSENT: None

MOTION TO APPROVE THE ADVERTISEMENT OF A REQUEST FOR QUALIFICATIONS FOR A PROFESSIONAL SERVICES CONTRACT TO ASSIST THE SLFPAE AND LEVEE DISTRICTS WITH STRATEGIC COMMUNICATIONS.

Mr. Pineda advised that on the Friday after the last Board meeting he met with Authority staff to discuss what would be needed to move forward the high level of protection plan embodied in the LaCPR and the State's Master Plan. The group recognized that certain issues needed to be addressed, such as strategic communications, improving the web site, and branding the Authority and the levee districts in the post-Katrina environment independent of the high level plan. He pointed out that Five-Year Smart Objective 11.2 in the SLFPA-E Strategic Plan is the development of a communications master plan that would also deal with day-to-day issues. He explained that funding will not be identified when the Request for Qualifications (RFQ) is advertised. The selected communications consultant would be given tasks to perform as the Authority can afford those activities or actions. Mr. Pineda stated that he would work with Authority staff on drafting and advertising the RFQ. A committee would be formed to review the Statements of Qualifications and conduct formal interviews.

A motion was offered by Mr. Barry, seconded by Mr. Wittie and unanimously adopted by the Board, to approve the advertisement of a Request for Qualifications for a Professional Services Contract to assist the SLFPAE and levee districts with strategic communications.

MOTION TO APPROVE THE ADVERTISEMENT OF A REQUEST FOR QUALIFICATIONS FOR A PROFESSIONAL SERVICES CONTRACT TO ASSIST THE SLFPAE AND LEVEE DISTRICTS WITH LONG TERM PLANNING ASSOCIATED WITH A HIGH LEVEL OF HURRICANE AND FLOOD PROTECTION.

Mr. Pineda explained that the issue of how to achieve a level of protection that is higher than the current 100 year protection activities in the next ten to twenty years was also discussed in his meeting with Authority staff. The consensus of the group was that an RFQ should be issued for a planning firm to assist the Authority, together with other parties in the region, in the development of a document that would define the vision for a High Level of Protection Plan. The planning firm with engineering support would use the information contained in the LaCPR and the State's master plan to develop material that would include specific costs and benefits of the envisioned protection plan. The finalized document could be brought to the community and to Federal, State and local governments. Funds have not been identified for this effort; however, the Authority's staff is attempting to seek grant funding.

Mr. Barry pointed out that the CPRA has tried to create a scoring mechanism to set priorities given the limited resources. He stated that although he supported this effort, it may be a little redundant; therefore, he did not know at what priority he would set it.

Mr. Pineda clarified that the intent is not to do new engineering studies. The LaCPR and the State's master plan cover a much broader geographic area than the Authority's jurisdiction. This effort, working with the Authority's stakeholders, would package as a regional group a vision with some specificity on how to proceed to the next level.

Mr. Barry stated that he wanted to completely support a process at the CPRA that is as scientific and objective as possible. He noted that there is a potential conflict between this effort and that process; however, it did not trouble him enough to vote against the motion.

Mr. Pineda explained that the motion would authorize the Authority to advertise for a planning firm to assist in an effort that has not yet been totally defined. One of the first tasks would be to put together a work plan with input from the staff and the Board.

Mr. Barry pointed out that it is conceivable that at some point the Authority may find some independent funding to do something that is consistent with the State's master plan, but is not yet funded. In that event the Authority should know its priorities. Mr. Doody pointed out that the Board had discussed the local prioritization of projects.

Mr. Losonsky asked how would this effort help in the operation of the levee districts? Mr. Turner explained that Mr. Pineda and the staff discussed how to go about moving forward in the process of going beyond the 100 year level of protection. One of the issues was the need for assistance. One of the ideas discussed was a potential contractor to assist from an overall project standpoint. Another idea was using the existing Indefinite Delivery-Indefinite Quantity (ID-IQ) contracts for technical expertise for moving forward with specific projects.

Mr. Pineda commented that this effort would show leadership in this geographic area and complement the State and USACE's processes. Technical details would be done mostly by utilizing the existing ID-IQ contracts. He stated that the Board and staff would

develop a work plan and a working group would be formed with other local stakeholders. He envisioned that a document would be finalized at the end of one to two years that would be consistent with the LaCPR and the State master plan, wherever it can be consistent, and would state the vision for a High Level Protection Plan that could be used as an advocacy tool to move down that path.

Mr. Turner pointed out that this, in part, grew out of the desire to have an influence on the CPRA's annual plan. Projects that are included in the State's master plan cannot be done unless they are included in the annual plan. There is a limited period of time each year to provide input in the annual plan. It would be beneficial for the Authority to be able to go to the State with its priorities and specific information on costs, benefits and ways to proceed with projects that are in the State's master plan that it would like included in the State's annual plan.

Mr. Pineda advised that he would draft an RFQ, which would be circulated to the Board.

Mr. Barry offered a motion, which was seconded by Mr. Witte and unanimously adopted by the Board, to approve the advertisement of a Request for Qualifications for a Professional Services Contract to assist the SLFPAE and levee districts with long term planning associated with a high level of hurricane and flood protection.

RESOLUTION #10-15-09-03 –TEMPORARY WORK AREA SERVITUDE

Mr. Lacour advised that this appropriation would take place and the property owner compensated without any Court proceedings. It was pointed out that this is a temporary servitude and not a permanent servitude or easement.

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

A resolution providing for the appropriation under the Constitution and Laws of the State of Louisiana of Parcels Nos. 7-3-C-2 and 12-1-C-2 from the Harvey Canal Holdings, LLC for the benefit of the Orleans Levee District for the building of levees and other water control structures including the repairing of hurricane protection levees on the alignment approved by the U. S. Army Corps of Engineers.

Section 1. Be it resolved by the Board of Commissioners for the Southeastern Louisiana Flood Protection Authority-East, that a Temporary Work Area Servitude over the following described property on the alignment approved by the U. S. Corps of Engineers, be and the same is hereby appropriated in accordance with the provisions of the Constitution and Laws of the State of Louisiana for the building of levees and other water control structures including the repairing of hurricane protection levees for the benefit of the Orleans Levee District.

Parcel 7-3-C-2

One certain parcel of land together with all the buildings and improvements situated wholly or partially thereon and all of the rights, ways, privileges, servitudes, appurtenances and advantages thereunto belonging or in anywise appertaining, situated in the Third District, City of New Orleans, Orleans Parish, State of Louisiana, Section 37, Township 12 South, Range 13 East in that part thereof known as New Orleans East, Inc., Industrial Subdivision, Area II, per Plan of resubdivision of Parcel 1A-4C by Gandolfo, Kuhn, Luecke and Associates, dated February 26, 1986 and being more fully shown as Parcel 7-3-C-2 on a Right of Way map prepared by C. Randall Dixon, Krebs, LaSalle, LeMieux Consultants, Inc., Registered Land Surveyor, dated July 24, 2009, LPV 111.01, Lake Pontchartrain & Vicinity, sheet 7 of 13 and is more fully described as follows:

Begin at Levee Baseline Station 1236+50.71, 184.29 feet right, said point having Louisiana State Plane Coordinates, South Zone of X=3,744,311.68 and Y=559,380.17, thence S 64°06'48" W a distance of 463.69 feet to a point; thence N 25°52'43" W a distance of 67.00 feet to a point; thence N 64°06'48" E a distance of 300.48 feet to a point; thence N 19°00'55" E, a distance of 235.15 feet to a point; thence S 25°15'55" E, a distance of 233.58 feet to the Point of Beginning. The coordinate values, bearings, and distances used herein are referenced to the North American Datum of 1983 (NAD83), Louisiana State Plane Coordinate System, South Zone, U.S. Survey Feet. Said parcel contains 1.028 acres and being a portion of the same property acquired by Harvey Canal Holdings, LLC, recorded in C.O.B. 14, folio 21, dated May 31, 2006 and recorded in the Clerk of Courts office, Orleans Parish, Louisiana.

Parcel 12-1-C-2

One certain parcel of land together with all the buildings and improvements situated wholly or partially thereon and all of the rights, ways, privileges, servitudes, appurtenances and advantages thereunto belonging or in anywise appertaining, situated in the Third District, City of New Orleans, Orleans Parish, State of Louisiana, Section 37, Township 12 South, Range 13 East in that part thereof known as New Orleans East, Inc., Industrial Subdivision, Area II, per Plan of resubdivision of Parcel 1A-4C by Gandolfo, Kuhn, Luecke and Associates, dated February 26, 1986 and being more fully shown as Parcel 12-1-C-2 on a Right of Way map prepared by C. Randall Dixon, Krebs, LaSalle, LeMieux Consultants, Inc., Registered Land Surveyor, dated July 24, 2009, LPV 111.01, Lake Pontchartrain & Vicinity, sheet 12 of 13 and is more fully described as follows:

Begin at Levee Baseline Station 1236+56.83, 1359.27 feet right, said point having Louisiana State Plane Coordinates, South Zone of X=3,743,798.62 and Y=560,437.24, thence N 64°09'26" W, a distance of 157.85 feet to a point; thence N 64°16'47" E, a distance of 99.11 feet to a point; thence S 25°15'55" E, a distance of 123.64 feet to the Point of Beginning. The coordinate values, bearings, and distances used herein are referenced to the North American Datum of 1983

(NAD83), Louisiana State Plane Coordinate System, South Zone, U.S. Survey Feet. Said parcel contains 0.141 acres and being a portion of the same property acquired by Harvey Canal Holdings, LLC, recorded in C.O.B. 14, folio 21, recorded May 31, 2006, and recorded in the Clerk of Courts Office, Orleans Parish, Louisiana.

This Temporary Work Area Servitude is a temporary and assignable servitude, easement, and right of way in, on, over, and across Parcel Nos. 7-3-C-2 and 12-1-C-2, for a period not to exceed five years, beginning with date possession of the land is granted to the Orleans Levee District, for use by the Orleans Levee District, the United States, and their representatives, agents, and contractors as a work area, including the right to deposit fill, spoil, and waste material thereon, to move, store, and remove equipment and supplies, and erect and remove temporary structures on the land and to perform any other work necessary and incident to the construction of the Lake Pontchartrain and Vicinity (LPV) 110, 111.01, and 111.02 Hurricane Protection Projects, together with the right to trim, cut, fell, and remove therefrom all trees, underbrush, obstructions, and any other vegetation, structures, or obstacles within the limits of the right-of-way; reserving, however, to the landowners, their heirs and assigns, all such rights and privileges as may be used without interfering with or abridging the rights and easement hereby acquired; subject, however, to existing easements for public roads and highways, public utilities, railroads and pipelines.

Section 2. Be it further resolved, that (A) this resolution shall be published in the official journal of this Board of Commissioners and in the official journal of the parish where the land is located; (B) a certified copy of this resolution be sent to the public records and assessment records owner by certified mail return receipt within five (5) days of adoption; and (C) a certified copy of this resolution be registered in the conveyance records of the parishes where the property is located and the domicile of this Board.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

MOTION TO ADOPT A RESOLUTION PROVIDING FOR THE APPROPRIATION UNDER THE CONSTITUTION AND LAWS OF THE STATE OF LOUISIANA OF A PARCEL IN THE POWERS JUNCTION AREA FOR STAGING PURPOSES FOR THE CONSTRUCTION OF LPV 109.02C FOR THE BENEFIT OF THE ORLEANS LEVEE DISTRICT AND FOR THE BUILDING OF LEVEES AND OTHER WATER CONTROL STRUCTURES INCLUDING THE REPAIRING OF HURRICANE PROTECTION LEVEES ON THE ALIGNMENT APPROVED BY THE U. S. ARMY CORPS OF ENGINEERS.

Mr. Lacour explained that this action is similar to the previous motion; however, because of time requirements he did not have a full property description. He requested that a motion be passed by the Board and that he be relied upon to assure that a resolution could be satisfactorily drafted before it is utilized.

NOTE: A motion was unanimously adopted by the Board; however, subsequent to the Board meeting it was determined that the appropriation of the parcel in the Powers Junction area was not needed.

RESOLUTION #10-15-09-05 - EAST JEFFERSON LEVEE DISTRICT-CAPITAL OUTLAY PROGRAM FUNDING REQUEST

Fran Campbell, EJLD Executive Director, advised that the Capital Outlay Request is supported by the Jefferson Parish President and will be included as a memo in Jefferson Parish's compilation of Capital Outlay Requests (green book).

On the motion of Mr. Wittie

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

WHEREAS, the State of Louisiana COP funding applications are required to be submitted by November 1, 2009, 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 2010-2011 in the amounts shown:

Planning, Design, Land Acquisition and Construction of a Safehouse/Consolidated Operating Facility - \$5,640,000

Planning, Design, Construction and the purchase of any necessary Right-of-Way for a closure structure on Airline Drive at the Orleans Parish line - \$5,000,000

Planning, Design, Construction and the purchase of any necessary Right-of-Way for a closure structure on Airline Drive at the St Charles Parish line - \$5,000,000

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. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

**RESOLUTION #10-15-09-06 – ORLEANS LEVEE DISTRICT
FRANKLIN AVENUE WAREHOUSE ROOF REPLACEMENT**

On the motion of Mr. Estopinal,

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

WHEREAS, the roof on the Orleans Levee District's (O.L.D.) Franklin Avenue Warehouse was severely damaged by winds from Hurricane Katrina; and

WHEREAS, the Franklin Avenue Warehouse South Section Roof Replacement Project was advertised and fifteen bids were received; and

WHEREAS, the lowest responsive bid was received from Roof Technologies, Inc., in the amount of \$617,968; and

WHEREAS, funds for this project are available from insurance proceeds and the Major Maintenance Capital Improvement Budget.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East authorizes the award of a contract in the amount of \$617,968 to Roof Technologies, Inc., and the establishment of a budget in the amount of \$700,000 to include contingencies, for the Franklin Avenue Warehouse South Section Roof Replacement Project.

BE IT FURTHER RESOLVED, that the O.L.D. Executive Director is hereby authorized to execute a contract in the amount of \$617,968 with Roof Technologies, Inc., and to execute any and all documents necessary to accomplish the above.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

**RESOLUTION #10-15-09-07 – ORLEANS LEVEE DISTRICT
AUTOMOBILE LIABILITY INSURANCE RENEWAL**

Gerry Gillen, O.L.D. Executive Director, advised that two quotes were received for this insurance coverage. Mr. Estopinal added that the Finance Committee recommended approval of coverage as stated in the resolution.

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

WHEREAS, Automobile Liability Insurance coverage for the Orleans Levee District (O.L.D.) will expire on November 1, 2009; and

WHEREAS, a renewal quote was received from Redland Insurance Company through Morrison Insurance Agency for two options at a reduction in premium; and

WHEREAS, the renewal of the existing Option B insurance coverage is offered at a total estimated annual cost of \$119,970.00, subject to annual audit, for the O.L.D. Flood Division and O.L.D. Non-Flood Assets Division for a period of one year commencing on November 1, 2009; and

WHEREAS, in accordance with the Memorandum of Understanding with the Division of Administration, the O.L.D. Flood Division is responsible for 50 percent of the cost for the O.L.D. Police Department; and

WHEREAS, the estimated annual apportioned premium for the O.L.D. Flood Division is \$73,135, plus \$13,275 (50 percent) for the police units.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority- East authorizes the procurement of Option B Automobile Liability Insurance coverage from Redland Insurance Company through the Morrison Insurance Agency at the estimated apportioned annual premium of \$73,135 for the O.L.D. Flood Division and \$13,275 for 50 percent of the cost of coverage for the O.L.D. Police Department for a period of one year commencing on November 1, 2009.

BE IT FURTHER RESOLVED, that the O.L.D. Executive Director is hereby authorized to execute all documents necessary to carry out the above.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

**RESOLUTION #10-15-09-08 - CEA WITH THE STATE OF LOUISIANA,
DIVISION OF ADMINISTRATION FOR BAYOU ST. JOHN MAINTENANCE
AND IMPROVEMENTS, PERIMETER ELEVATION, HYDROLOGY STUDY,
PLANNING AND CONSTRUCTION**

On the motion of Mr. Losonsky,

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

WHEREAS, the Orleans Levee District (O.L.D.) has successfully obtained funding in the amount of \$250,000 from the State of Louisiana Capital Outlay Program (COP) for Bayou St. John Maintenance and Improvements, Perimeter Elevation, Hydrology Study, Planning and Construction; and

WHEREAS, in order to proceed with the Bayou St. John Maintenance and Improvements, Perimeter Elevation, Hydrology Study, Planning and Construction, a Cooperative Endeavor Agreement is required between the Southeast Louisiana Flood Protection Authority-East (SLFPA-E) and the State of Louisiana, Division of Administration.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the Cooperative Endeavor Agreement with the State of Louisiana, Division of Administration for Bayou St. John Maintenance and Improvements, Perimeter Elevation, Hydrology Study, Planning and Construction, and authorizes the SLFPA-E President and/or O.L.D. Executive Director to execute the CEA and any and all other documents necessary to accomplish the above including requests for State disbursements.

BE IT FURTHER RESOLVED, that an adjustment to the O.L.D. Capital Budget (2010) is authorized to provide for the required local cost share not to exceed \$62,500.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

RESOLUTION #10-15-09-09 - ORLEANS LEVEE DISTRICT CAPITAL OUTLAY PROGRAM FUNDING REQUEST

Mr. Gillen explained that the O.L.D. has identified funds to move forward with the construction of a safe house; therefore, this project was not included in the O.L.D.'s Capital Outlay Funding request. The O.L.D. has substituted a request for additional funding for Bayou St. John Management Improvements.

Mr. Barry asked the status of the attempt to have the lakefront seawall included in the Federal system. Mr. Turner advised that several attempts have been made to have the seawall identified as a project feature in the Lake Pontchartrain and Vicinity Project; however, this effort has not been successful. Although the O.L.D. expended funds to build the land up to the seawall, the seawall itself appears to have been built by the WPA. The PL 84-99 program is being explored as a fallback position in order to be eligible for Federal funding. Mr. Doody pointed out that the seawall and the land behind the seawall were used by the USACE in the modeling for 100 year protection. He commented that a local cost share credit should be received for building the land between the seawall and the levee.

Mr. Goins requested that the Highway 90 Land Bridge be included in the O.L.D.'s Capital Outlay Funding request. The Board concurred with the inclusion of this project.

On the motion of Mr. Barry,
Seconded by Mr. Estopinal, 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, 2009, 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 2010-2011 in the amounts shown:

A. Seawall Flood Protection Modification, Phase I (at Lakeshore Drive)	\$ 5,000,000
B. Bayou St. John Water Management Improvements	\$ 1,500,000
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. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

RESOLUTION #10-15-09-10 – FRANKLIN WAREHOUSE FACILITY LEASE

Mr. Gillen explained that Warner Brothers is shooting the movie Green Lantern in New Orleans and has requested to lease approximately 90,000 square feet of space in the Franklin Warehouse (approximately 1/6 of the warehouse). Since the lessee's use of the space would not be during peak hurricane season, the O.L.D. will be able to double up some of its equipment and move around some items in order to be able to furnish the requested space for temporary lease. He requested that he be authorized to enter into an agreement with Warner Brothers.

Mr. Doody requested that Mr. Gillen include the O.L.D. Non-Flood Division in working out the lease arrangements. He pointed out, however, that this is the leasing of an O.L.D. Flood Asset. The fair market value for the temporary leasing of the warehouse spaced was obtained from Albert Pappalardo, the Real Estate Consultant for the Non-Flood Division.

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

WHEREAS, Warner Brothers GL has proposed to lease approximately 90,000 square feet of space in the Franklin Warehouse Facility; and

WHEREAS, the lease will be for a period of approximately eight to ten months, commencing in November, 2009; and

WHEREAS, the rental rate for said lease shall be \$3.75 per square foot, which is the fair market value of the premises.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the leasing of approximately 90,000 square feet of space in the Franklin Warehouse Facility by the Orleans Levee District (O.L.D.) to Warner Brothers GL for an approximate period of eight to ten months at a rental rate of \$3.75 per square foot, and authorizes the O.L.D. Executive Director to execute a Lease Agreement with Warner Brothers GL 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. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

RESOLUTION #10-15-09-11 - LPV 145

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

WHEREAS, the Lake Pontchartrain and Vicinity Hurricane Protection Project, Lake Borgne Basin Levee District, St. Bernard Parish, LA, Chalmette Loop – Bayou Bienvenue to Bayou Dupre Floodwall, Reach LPV 145 Project included a bridge as a project feature to provide reasonable access to Reach LPV 145; and

WHEREAS, reasonable access is required by Lake Borgne Basin Levee District, U.S. Army Corps of Engineers and Louisiana Department of Transportation and Development personnel, as well as other entities, for purposes of inspection, operations, maintenance and flood fighting; and

WHEREAS, a bridge was included in the U.S. Army Corps of Engineers' project plans through the 95 percent design phase of the project, at which time the bridge was eliminated due to its cost; and

WHEREAS, water access to Reach LPV 145 via boat or barge by the aforementioned personnel and required equipment for the stated purposes would not only be unsafe, but would impede flood protection efforts.

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East urges and requests the U.S. Army Corps of Engineers to include a bridge in the LPV 145 Project for the purposes of providing safe and reasonable access for inspections, operations, maintenance and flood fighting.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

RESOLUTION #10-15-09-12 - CEA WITH STATE OF LOUISIANA, LBBLD AND SLFPA-E FOR DRAINAGE PUMP STATIONS AND CHANNEL IMPROVEMENTS, LAND ACQUISITION, PLANNING AND CONSTRUCTION (ST. BENARD), FP&C PROJECT NO. 36-L08-08B-01

Tim Jarquin, LBBLD Executive Director, advised that this agreement is for the LBBLD's portion of the cost share of an urban flood control feasibility study.

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 Drainage Pump Stations and Channel Improvements, Land Acquisition, Planning and Construction (St. Bernard), FP&C Project No. 36-L08-08B-01; and

WHEREAS, in order to proceed with the Drainage Pump Stations and Channel Improvements, Land Acquisition, Planning and Construction (St. Bernard), FP&C Project No. 36-L08-08B-01, a Cooperative Endeavor Agreement is required between the State of Louisiana represented by the Office of Facility Planning and Control (FP&C) of the Division of Administration, the Lake Borgne Basin Levee

District (LBBLD) and the Southeast Louisiana Flood Protection Authority-East (SLFPA-E).

BE IT HEREBY RESOLVED, that the Southeast Louisiana Flood Protection Authority-East approves the Cooperative Endeavor Agreement between the State of Louisiana, the Lake Borgne Basin Levee District and the Southeast Louisiana Flood Protection Authority-East for Drainage Pump Stations And Channel Improvements, Land Acquisition, Planning and Construction (St. Bernard), FP&C Project No. 36-L08-08B-01, and authorizes the SLFPA-E President and/or LBBLD Executive Director to execute the CEA and any and all other documents necessary to accomplish the above including requests for State disbursements.

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

YEAS: Mr. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

**RESOLUTION #10-15-09-13 - LAKE BORGNE BASIN LEVEE DISTRICT
CAPITAL OUTLAY PROGRAM FUNDING REQUEST**

Mr. Jarquin advised that a request for funding the construction of two pump station safe houses and one standalone safe house has been included in the LBBLD's request.

Mr. Doody recommended that the Authority also approach the USACE for Flood Control and Coastal Emergencies (FCCE) funding for the construction of LBBLD safe houses.

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, 2009, 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 2010-2011 in the amounts and priority shown:

LIST OF PROJECTS

- | | |
|--|--------------|
| 1. Drainage Improvements to (Complement) LA 46 Roadway and Drainage Improvement Project Between Paris Road and Webster Road, Planning and Construction | \$ 2,320,000 |
| 2. Flooding and Drainage Improvements, Planning and Construction | \$ 360,000 |

- | | |
|---|---------------|
| 3. Drainage Pump Station and Channel Improvements,
Land Acquisition, Planning and Construction | \$ 11,550,000 |
| 4. Bulkheading of Canals, Planning and Construction | \$ 2,040,000 |
| 5. Storm Proofing Pump Stations St. Bernard Parish, La,
Planning and Construction | \$ 24,000,000 |
| 6. Elevated Safe Houses at Drainage Pump Stations,
Planning and Construction | \$ 2,000,000 |

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. Barnes, Mr. Barry, Mr. Estopinal, Mr. Goins, Mr. Jackson,
Mr. Losonsky, Mr. Pineda and Mr. Wittie

NAYS: None

ABSENT: None

Mr. Doody reminded the Board that it had approved the payment of the Orleans Levee District 1986 series bonds. He advised that the bonds have been called and will be paid on November 1, 2009, which will save the O.L.D. and New Orleans tax payers in excess of \$8 million.

Mr. Doody advised that the SLFPA-E Flood Protection Summit will be held on Monday, November 23, 2009.

The next Board meeting will be held on November 19, 2009, and hosted by the Orleans Levee District. There was no further business; therefore, the meeting was adjourned at 2:25 p.m.

SOUTHEAST LOUISIANA FLOOD PROTECTION AUTHORITY - EAST

REGIONAL DIRECTOR'S REPORT

October 15, 2009

100 Year Level of Protection

Inner Harbor Navigation Canal Hurricane Storm Surge Barrier:

Design work on the project continues. The overall design of the entire project is approximately 79% complete. Our emphasis continues to be Operation & Maintenance considerations and the necessity to "design in" reasonable O&M features early in the process.

About 97% of the 66" diameter concrete piles (1241 piles), 54% of the closure piles (1354) and 30% of the batter piles (197) have been driven with no major difficulties. All 66" diameter concrete piles should be in place before the end of October 2009. The first 4 precast caps were set this month and the first cast-in-place deck section is scheduled for October 23, 2009.

The support piles for the by-pass Barge Gate foundation have been driven and the coffer dam has been completed. Tremie casting for the barge gate structure is set for October 23, 2009 and will take about 40 hours to complete. The Contract for construction of the barge for the by-pass gate has been awarded.

Bayou Bienvenue is now closed to all navigation at the Project site due to lift gate construction.

The Project Team continues to meet weekly to discuss hurricane preparedness and evacuation plans. There are more than 100 marine vessels working on the Project.

East Jefferson Levee District:

Reach 1:

The Construction Contract was awarded in August and the pre-construction meeting was held in early September. The Contractor is working on the borrow pit. This Reach is scheduled for completion in May 2010.

Reach 2:

The contractor has begun work on this project. Silt fencing is in place, and clearing/grubbing operations on the existing levee section have begun. Pieces of debris (broken concrete, pieces of iron, etc.) have surfaced during these

operations. The Contractor will remove the old lift containing the debris (about 2' thick) from the existing levee section and replace with new material.

Reach 3:

The Contractor has begun work on this project. He is mobilizing equipment and installing silt fencing. Work is underway on the ramp at Clearview Pkwy.

Reach 4:

The Construction Contract was awarded and the NTP was issued on September 15, 2009. The Contract will ultimately contain provisions to address the seepage areas along this reach. The work is scheduled to be complete before June 1, 2010.

Reach 5:

Work on this Reach continues. The Project is more than 50% complete. Contract modifications are required for Coast Guard utilities, the Ridgelake ramp, and embankment work. Scheduled completion is set for January 2010.

Bonnabel Breakwater Project:

Work is progressing and is approximately 40% complete. The scheduled completion is December 2009.

Duncan Breakwater Project:

The Construction Contract was awarded in August 2009 and construction has begun. The Contractor has started dredging the access channel.

Williams Blvd. Floodwall and Gate:

The NTP was issued September 16, 2009 and the work should be complete by April 2010.

Pump Station Fronting Protection:

Pile load testing has been completed at Elmwood, Bonnabel, and Suburban Pump Stations and is continuing at Duncan Pump Station. The Construction Project is set to be advertised within the next 60 days.

LPV 017.2 (Causeway Crossing):

The OCPD and USACE are reviewing compensability issues for utility and facility relocations. Pile load testing will begin soon. Design is scheduled for completion

in October 2009. Contract award is scheduled for February 2010. A CEA or MOU will be required at some point to define OMRR&R responsibilities for the various parts of the project.

West Return Levee/Floodwall:

The contractor is mobilizing for pile load testing.

West Return Levee (Airport Runway):

A meeting was held with the Airport and OCPR to discuss construction and safety issues associated with the reconstruction of the levee segment located at the west end of the east-west runway, and to develop a strategy to move forward. We are awaiting word from OCPR.

Orleans Levee District:

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

A Construction Contract was awarded on July 31, 2009 and NTP was issued in August 2009. Work includes demolition of the existing floodwall and replacement with a new concrete T-Wall with a top elevation of +16.0 (NAVD88.2004.65). A contract modification is being negotiated with the Contractor for utility relocations. The Project is scheduled for completion before June 2011.

LPV 102.01, 103.01, and 104.01 Projects are 100% complete.

LPV 103.01 A1 (Bayou St. John):

The Construction Contract has been awarded and NTP was issued in August 2009. A contract modification is being negotiated with the Contractor for de-watering the sector gate for USACE inspection and OLD maintenance.

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

The 65% Design Submittal is scheduled for November 2009.

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

The Construction Contract for this Project was awarded on October 2, 2009.

LPV 104.02 (Seabrook West Side IHNC):

This project includes the construction of a new T-Wall. Plans and specs were completed on October 7, 2009.

LPV 105.01 (Lakefront Airport T-Wall East):

Plans and specs are scheduled for completion in December 2009.

LPV 105.02 (Lakefront Airport T-Wall West):

Plans and specs are scheduled for completion in December 2009.

LPV 106 (Citrus Lakefront Levee):

A design modification has been issued to move the I-Wall to the edge of the levee crown.

LPV 107 (Lincoln Beach Floodgate):

Plans and specs are scheduled for completion in January 2010.

LPV 108 (New Orleans East Lakefront Levee):

The required construction (earthen embankment) is complete. A design modification was required for the Collins Pipeline crossing. As a result, the scheduled completion date has been changed to January 31, 2010. The Project will bring the elevation of the levee to pre-Katrina authorized elevation, which is higher than the new 100 year elevation.

LPV 109.2a (South Point to CSX Railroad – Levee Embankment):

The Permanent Servitude Agreement with USFWS has been finalized. Plans and specs are scheduled for completion in December 2009.

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

Construction is about 20% complete. Anticipated time to completion is 60 days.

LPV 109.02b (South Point to CSX Railroad - I-10 Crossing):

Plans and specs are scheduled for completion in November 2009.

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

Plans and specs should be completed this month.

LPV 110 (CSX Railroad Crossing):

Plans and specs should be complete in December 2009.

LPV 111.01 (North Side GIWW):

The USACE awarded a \$3.1 million pre-construction services contract (ECI Contract) in July. The contract includes three options for construction of levee sections, and a T-wall from the end of the earthen levee to the Inner Harbor Navigation Canal tie-in. These options, when exercised will account for the majority of the estimated \$295 million in project construction costs.

LPV 111.02 Pump Station 15 Fronting Wall:

Plans and specs are scheduled for completion in February 2010.

LPV 111.03 Tie-in to IHNC:

Plans and specs are scheduled for completion in December 2009.

LPV 113 (NASA):

Construction has begun and is approximately 4% complete.

Lake Borgne Basin Levee District:

LPV 144 (Bayou Dupre Control Structure):

This project will replace the existing Bayou Dupre Control Structure (sector gate) with a new sector gate. The 95% design submittals are in and under review. The Construction Contract is scheduled for award before the end of this year. We are awaiting the LNO from DOTD to grant the Right of Entry to the USACE for construction.

LPV 145 (Bayou Bienvenue to Bayou Dupre):

The project includes approximately 6 miles of new T-Wall atop the existing earthen levee. An ECI Contract has been awarded for this reach. Pile load tests are 50% complete. A temporary bridge across Bayou Bienvenue and an aggregate surfaced access roadway the length of the project will be constructed in the next few months. 50% Plans and specs are under review.

LPV 146 (Bayou Dupre to Verret):

The project includes approximately 8 miles of new T-Wall atop the existing earthen levee. An ECI Contract has been awarded for this reach. Pile load tests are 95% complete. 50% Plans and specs are scheduled to be complete before the end of this month.

LPV 147 (LA Hwy 46 and LA Hwy 300 Flood Gates):

The project includes a new set of floodgates at LA Hwy 46 and the replacement of the existing floodgate at LA Hwy 300. An emergency by-pass ramp will be constructed at the LA Hwy 46 location. The designs and specifications are scheduled for completion in November 2009. We are awaiting the LNO from DOTD to grant the Right of Entry to the USACE for construction.

LPV 148.02 (Verret to Caernarvon):

The Project includes approximately 9 miles of new T-Wall atop the existing earthen levee. An ECI Contract was awarded for this Project last month. A kick-off meeting will be scheduled in the next couple of weeks.

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

The project design requires a realignment of the Caernarvon levee/floodwall to a location east of the Caernarvon Canal. The new alignment necessitates the construction of a new Control Structure in the Caernarvon Canal.

The original concept and design of the new closure structure was a sector gate. The USACE is now considering use of a stop log structure instead of a sector gate at this location. We have strongly objected to the use of a stop log structure for numerous reasons, including reliability operability, and safety. We expect Colonel Sinkler to make a final decision on this important matter in the very near future.

The new alignment requires construction of a section of the project outside of the jurisdiction of Lake Borgne Basin Levee District. We are still working with Plaquemines Parish officials to develop and execute an agreement between Plaquemines Parish Government and Lake Borgne Basin Levee District that will allow for that portion of the project located in Plaquemines Parish. The agreement would allow for construction of the project on the proposed alignment and would place the responsibility for operation and maintenance of the project with LBBLD. Draft language for the agreement was developed by Mr. Lacour and Mr. Hanna, and has been forwarded to Plaquemines Parish for review and comment.

Permanent Pump Stations and Outfall Canals:

According to the USACE, they are authorized and funded to design/construct perimeter protection only (Option 1). They are authorized but not funded to do an engineering study, which would include modifying the outfall canals to allow for gravity flow to the new pump stations at the lake and removing the existing upstream pump stations (Option 2/2a). This study would include a risk

assessment of Option 1. Funding for the study would probably have to be included in the Corps' Federal Works Appropriations Budget.

According to USACE, design and construction Option 2/2a is neither authorized nor funded. All agree, however, that Option 2/2a is technically superior to Option 1 alone. In any case, it is imperative that the new pump stations be designed and constructed with the features necessary to accommodate construction of Option 2/2a. Failure to do at least this would make conversion of the outfall canals to gravity flow low level interior drainage channels impracticable.

Development of the RFQ for design/build is continuing with input from stakeholders.

Elevation Map:

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 2009. The map can be found at the following web address:

http://www.mvn.usace.army.mil/hps2/pdf/100-Year%20Status%20Map_051209_Final.pdf

Coastal Protection and Restoration

Lake Borgne Basin Levee District:

The Violet Freshwater Diversion siphon is shut down due to low river conditions. LBBLD is preparing specs for the purchase of a new vacuum pump. LBBLD will be reimbursed by DNR for the cost of the pump.

Additional Coastal Restoration projects in the MRGO area scheduled to begin during the next 12 months. The projects will be designed and constructed through the USACE and will be funded with the \$75 million dollars in federal appropriations provided after Hurricane's Katrina and Rita.

Flood Fight

There are no active flood fight activities at this time. The Mississippi River is below 7' at the Carrollton Gage in New Orleans but is expected to rise to near 9.5' by early next week. We are monitoring the tropics for possible tropical storm/hurricane development.

The Bayou Bienvenue and Bayou Dupre Control Structures have been closed for a good part of September and the first half of October due to higher than normal tides.

Design and Construction

East Jefferson Levee District:

It has been determined that the source of the seepage noted in Reach 4 is from rain water finding its way into the levee section probably via shrinkage cracks and/or fissures. The USACE will develop a plan and address this problem during the upcoming Reach 4 construction project.

Dr. Lorenzo will begin seismic investigations on Reach 4 in the near future.

Orleans Levee District:

Work is complete on the LPV 101.01 Advance Measures sheet pile contract. The USACE is awaiting the revised set of As-Builts from the contractor before turning this project over to Orleans Levee District for O&M.

Construction on LPV 117 Project (East Side IHNC) is substantially complete. The project involved the installation of approximately 20 relief wells. An additional contract will be let to install about 1000 linear feet of steel sheet pile.

Murray Architects is proceeding with the Safe House plans and specification for Orleans Levee District. The project is scheduled for advertisement at the end of October 2009. Construction should be completed by August 2010.

Lake Borgne Basin Levee District:

LPV 148.01 (Verret to Caernarvon) is 99% complete. The project brings the earthen levee up to the pre-Katrina authorized elevation.

The fabrication of the trash screens for Pump Stations 2,3 &5 are nearing completion. The Contractor will install the screens within the next few weeks, starting at Pump Station No. 5

The Contract for the Bluebird and Artillery Canal Cleaning Project has been awarded to the lowest bidder, Regency Construction. Work will begin after the survey is complete some time next week.

Work is nearly complete on the Taintor Gate Repairs at P.S. Nos. 1 & 4. A punch list has been developed and we are working some issues regarding available air pressure and the pneumatic cylinders.

An auction was held to dispose of vehicles and equipment destroyed by Hurricane Katrina. Net proceeds amounted to \$59,952.44. Some of this may have to be returned to FEMA.

Internal Affairs

The contract for the Safe House in EJLD has been executed and work has begun. The Architect has submitted a draft of the “Existing Conditions Assessment”.

Work on the Consulting Contract for Safe Rooms at selected LBBLD pump stations is well underway. Digital Engr. has submitted a draft of the final report, which indicates that safe rooms could be constructed on the existing structure of Pump Stations 1 and 4. The estimated construction cost is just under \$410,000 each. Free standing safe rooms would cost approx. \$720,000 each.

The USACE will issue new reports on computed Safe Water Elevations for the three outfall canals in Orleans Parish. The London Ave SWE report is undergoing peer review. Review comments will be addressed before any of the reports are completed and released. The London Ave Report is scheduled for completion in November 2009.

Data has been collected for the Levee Information Management System Demonstration Project and forwarded to the Dutch Group. The Dutch will conduct a second series of meetings here in New Orleans on October 20, 21, and 22 to finalize the scope of work for the project.