

REGULAR MEETING
April 2, 2025

The Board of Commissioners for the Lafourche Basin Levee District met this day in regular session at its official domicile at 21380 Highway 20 in Vacherie, Louisiana. The public was invited to attend at the LBLD office. The meeting was called to order by its President, Marlin Rogers, at 6:00 P.M.

The meeting opened with a prayer and the pledge of allegiance to the flag.

Present: Commissioners... Craig Carter, Assumption Parish; Arthur Bosworth IV, St. James Parish; Mary Clulee, St. Charles Parish; Ryan Larousse, St. James Parish; Jeffery Henry, Ascension Parish; Ivy Chauvin, St. John the Baptist Parish; Todd Crochet, Assumption Parish Gary Watson, St. John the Baptist Parish; Eric Matherne, St. Charles Parish; and President Marlin Rogers, St. Charles Parish were present. Robert Monti, St. Charles Parish was absent.

A quorum was present to conduct business.

Messrs. Donald Ray Henry, Executive Director; Spencer Long, Attorney; Ms. Melanie Broden, Accounting Specialist, Ms. Astrea Jupiter, Administrative Assistant, Mrs. Sara Long, Human Resource Specialist; and Mrs. Yolanda Brown, Administrative Assistant were present.

President Rogers asked for a motion to adopt the agenda. Vice-President Jeffery Henry made the motion to adopt the agenda. Commissioner Craig Carter seconded his motion. President Rogers called for a vote. All Commissioners voted all in favor. None opposed. The motion passed.

There were no public comments on the agenda items.

On motion of Commissioner Gary Watson, seconded by Commissioner Todd Crochet, the minutes of the Regular Meeting of March 5, 2025 be accepted and filed in the minutes of the Board. President Rogers called for a vote. All Commissioners voted all in favor. None opposed. The motion passed.

On motion of Commissioner Mary Clulee, seconded by Commissioner Ivy Chauvin, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve to have Executive Director, Donald Ray Henry, execute a Right-of-Way agreement with Entergy Louisiana, LLC for a new transmission line on District owned property in St. Charles Parish, as discussed in Committee.

President Rogers called for a vote. All Commissioners voted all in favor. None opposed. The motion passed.

On motion of Commissioner Arthur J. Bosworth, IV, seconded by Commissioner Gary Watson, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve to purchase the following bid items from Cazenave Motors: One (1) New 2025 Ford 4x4 F-350 cab chassis with flatbed or equivalent make and model, One (1) New 2025 Ford F-250 XL 4x4 crew cab or equivalent make and model and One (1) New 2025 Ford Expedition Active 4x2 SUV or equivalent make and model, as discussed in Committee.

President Rogers called for a vote. Roll call vote thereon as follows:

YEAS:

➤ Arthur Bosworth IV

- Craig Carter
- Mary Clulee
- Todd Crochet
- Jeffery Henry
- Ryan Larousse
- Gary Watson
- Marlin Rogers
- Ivy Chauvin

NAYS: None

ABSENT:

- Eric Matherne
- Robert Monti

ABSTAINED: None

By a roll call vote of 9 yeas, 0 nay, 2 absent and 0 abstained. The motion passed.

On motion of Vice-President Jeffery Henry, seconded by Commissioner Arthur J. Bosworth, IV, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve Change Order No. 4 for the construction contract for the Sunset Levee Lift and Des Allemands Boat Launch Surcharge Project with On-shore Materials, LLC, which will add \$377,305.00 and 79 days to the contract for a new total of \$8,871,811.50 and a new end date of May 12, 2025, as discussed in Committee.

President Rogers called for a vote. Roll call vote thereon as follows:

YEAS:

- Arthur Bosworth IV
- Craig Carter
- Mary Clulee
- Todd Crochet
- Jeffery Henry
- Ryan Larousse
- Gary Watson
- Marlin Rogers
- Ivy Chauvin

NAYS: None

ABSENT:

- Eric Matherne
- Robert Monti

ABSTAINED: None

By a roll call vote of 9 yeas, 0 nay, 2 absent and 0 abstained. The motion passed.

On motion of Commissioner Gary Watson, seconded by Commissioner Craig Carter, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve Amendment No. 3 to GIS' Task Order 6-B to increase the budget for construction ad-ministration of the Sunset Levee Lift Project by \$37,800 for the remaining life of the project, as discussed in Committee.

President Rogers called for a vote. Roll call vote thereon as follows:

YEAS:

- Arthur Bosworth IV
- Craig Carter
- Mary Clulee
- Todd Crochet
- Jeffery Henry
- Ryan Larousse
- Eric Matherne
- Gary Watson
- Marlin Rogers
- Ivy Chauvin

NAYS: None

ABSENT:

- Eric Matherne
- Robert Monti

ABSTAINED: None

By a roll call vote of 9 yeas, 0 nay, 2 absent and 0 abstained. The motion passed.

Commissioner Eric Matherne entered the meeting.

On motion of Vice-President Jeffery Henry, seconded by Commissioner Craig Carter, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve Amendment No. 2 to Greenup Industries' Task Order 6-F to increase the budget for the remaining life of the project to assist with oversight on the Sunset Levee Lift Project by \$49,700, as discussed in Committee.

President Rogers called for a vote. Roll call vote thereon as follows:

YEAS:

- Arthur Bosworth IV
- Craig Carter
- Mary Clulee
- Todd Crochet
- Jeffery Henry
- Ryan Larousse
- Eric Matherne
- Gary Watson
- Marlin Rogers
- Ivy Chauvin

NAYS: None

ABSENT:

- Robert Monti

ABSTAINED: None

By a roll call vote of 10 yeas, 0 nay, 1 absent and 0 abstained. The motion passed.

On motion of Commissioner Ivy Chauvin, seconded by Vice-President Jeffery Henry, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve to purchase one new John Deere 6M125 cab tractor with extended warranty for \$139,262.26 along with one new 72" side diamond mower system for \$42,895.00, both on state contract, as discussed in Committee.

President Rogers called for a vote. Roll call vote thereon as follows:

YEAS:

- Arthur Bosworth IV
- Craig Carter
- Mary Clulee
- Todd Crochet
- Jeffery Henry
- Ryan Larousse
- Eric Matherne
- Gary Watson
- Marlin Rogers
- Ivy Chauvin

NAYS: None

ABSENT:

- Robert Monti

ABSTAINED: None

By a roll call vote of 10 yeas, 0 nay, 1 absent and 0 abstained. The motion passed.

On motion of Commissioner Mary Clulee, seconded by Commissioner Arthur J. Bosworth, IV, the following resolution was proposed.

BE IT RESOLVED, that the Board of Commissioners approve to change the dates of the month of May Board Meetings due to the LA Emergency Management Conference in Lake Charles, LA, as discussed in Committee:

Regular Meeting- May 13, 2025

Finance Meeting- May 19, 2025

Committee Meeting- May 21, 2025

President Rogers called for a vote. All Commissioners voted all in favor. None opposed. The motion passed.

Mr. Stokka Brown, CSRS, Inc., gave the highlights on the Upper Barataria Project.

Segment 2 Sunset Levee Construction Project

Progress Update (GIS to provide more detail)

- Construction – Onshore
 - Change order #4 \$377,305.00
 - Pay Applications approved to date \$4,696,206.53
 - Reimbursement Request 5 CPRA – submitted for LBLD letterhead \$270,628.40
- Monitoring and Inspection – Greenup Industries
 - Amendment to Task Order 6-F \$49,700.00
- Construction Administration – GIS
 - Amendment to Task Order 6-B \$37,800.00
- Access Agreements
 - CIVIX extended all agreements needed thru completion of the project
- LBLD is working with CPRA to extend the IGA to cover the project thru the end of the construction period
- Design Summit with the CORPS; Segment 2 construction project, and Segment 2: reach 5B alignment was discussed

Next Steps

- Ongoing construction effort

Schedule

- Onshore scheduled substantial completion (*un*)officially May 22nd 2025
 - Contract end date is May 12th 2025

Segment 3 – Floodgate

Progress Update

- H&H modeling - Olsson
 - Olsson has completed all tasks and is drafting the report portion of the Task Order
- Segment 3 permitting in progress; waiting the designs to advance
- Consultant team waiting for ADCIRC modeling to proceed to Structural and MEP 95% design phase
- Design Summit with the CORPS
 - CORPS has stated that design parameters will be provided for the Segment 3 design by the end of April
 - CORPS require SAR in the review phase of the design submittal
- CPRA committed \$90.0M in the 2025 Annual Plan for the floodgate with tentative completion by July 2028

Next Steps

- Complete Olsson H&H modeling report; Scheduled for the beginning of April 2025
- Completion of USACE ADCIRC modeling report

- Structural and MEP 95% Design kickoff workshop to address critical 65% design comments and updated design parameters prior to continuing design
- Final Design is anticipated to be executed within 7 months of NPT
 - CORPS to review the 60% and 90% design submittal

Segment 4 – Floodgate to Hwy 90

Progress Update

- UBRR Design submit the CORPS requested data coordination of the ROW information and the BKI modeling from the TO 10-A alternatives analysis.
- Task Order 10-B Alternatives Analysis – Environmental
 - Draft Deliverable submitted and returned with Owners Rep Comments
- Task Order 12-A Stormwater Pumpstation Data Gap Analysis is in progress
 - BKI providing CSRS modeling data for H&H review
- Segment 4 permitting in progress
 - Mitigation plan is still in progress
- Opinion of Probable Construction is ~\$75 million

Next Steps

- Finalize Alternatives Analysis Environmental Scope of Services
- Provide CORPS TO 10-A Alternatives Analysis report and Modeling
- Completion of TO 12-A July 2025
- Provide CPRA results and identify path forward

UBRR USACE Status Update

Progress Update

- Current Status
 - Design Summit was held with CORPS and NFS team March 31st 2025
 - H&H team
 - Continued analysis of basin wide levee heights related to Morganza tie in
 - ERDC is completing final edits on the ADCIRC Modeling Report
 - ERDC running 3 simulation scenarios; no sediment diversion, gate open and gate close
 - PDT is splitting the reach G east up into multiple phases because of limited funds
 - Access road will be first; to use the FY26 construction funding
 - Levee and Bridge to follow up to 35% design
 - Civil is continuing work on development of Real Estate Sheets
 - PDT will provide formal response at 35% design QC for NFS bridge criteria memorandum

Next Steps

- Finalize basin wide levee heights
- Implementation of strategy to accept LBLD design efforts as independent utility for community stake holders
- LBLD coordination strategy implementation
 - Coordination of plans and alternatives with CORPS, State, and LBLD

Commissioner Ryan Larousse asked who's responsible for mitigation funding. Mr. Rodney Greenup stated that it's all a part of the project cost.

Mr. Kyle Galloway, GIS, gave an update on the Sunset Levee.

PROGRESS TO DATE

- Levee construction ongoing at each end of project.
- Schedule: 386 days elapsed, 111% (38 days beyond contract date)
 - Contract date of February 22, 2025
 - Change Order No. 4 extends contract date to May 12, 2025
- Budget: \$6,089,470.30, 69%
 - Includes UNAPPROVED pay application for February.
 - Other considerations
 - Engaging owner of Priscilla's Oak in Beau Place
 - Kerry's Point ramp construction expected April 21, coordinating with Parish, EOC, and HOA

NEXT STEPS

- Continue levee construction
- Coordinate materials testing
- Kerry's Point ramp construction
- Begin planning project closeout

Mr. Kyle Galloway, GIS, gave an update on the Westbank and Vicinity Western Tie-In.

RECENT PROGRESS AND DEVELOPMENTS

- Survey field work ongoing, will be completed next week
- New geotechnical criteria on HSDRRS levee lifts from USACE (Feb 2025)
 - Scenario #1 – higher than 6" above previous construction grade
 - Full geotech investigation and analysis required

- Can go to a higher elevation and potentially avoid work on stability berms
- Scenario #2 – no more than 6” above previous construction grade and rebuild stability berms
 - No geotech investigation and only settlement analysis required
 - May result in higher construction cost due to stability berms
- Need to assess how this affects structural tie-ins
- Will re-assess geotechnical scope of work and make a recommendation to LBCLDD
- Will estimate alternative costs in S&R and make a recommendation to LBCLDD

MILESTONE SCHEDULE

- o Apr 30, 2025 – Geotechnical testing complete
- o May 9, 2025 – Deliver survey
- o June 30, 2025 – Design templates from geotechnical analysis
- o July 30, 2025 – Deliver Study & Report
- o Aug 29, 2025 – Submit permit applications
- o Jan 30, 2026 – Submit Preliminary Design (LBCLDD review)
- o May 29, 2026 – Submit 90% Design (USACE review)

Mr. Rodney Greenup, Greenup Industries, gave an update.

Segment 2 - Sunset Levee Testing and Inspection T.O.

Background

- NTP 3/11/2024

- 1 Full time Inspector on site mid-March 2024 – 10 months @ 50 hours/week

Original Proposal; Based on 10 Month Project Duration

- Monitoring and Inspection – Greenup Industries; Not to Exceed Scope Items
 - Single Resident Inspector \$96.00/hr \$192,000.00
 - Vehicle \$50.00/day \$15,000.00
 - Geotechnical Laboratory Services \$74,685.00
 - Technical Services \$126,500.00
- TO Total \$408,185.00

Testing and Inspection – Amendment 1

Amendment Proposal

- GIS requested Greenup provide additional resources for reporting, inspection and multiple location related to the project
- Oct 2024 Board approved a senior inspector on the Segment 2 project
- Amendment 1 was drafted to account for these cost
 - Senior Inspector \$102.00/hr
\$34,640.00
- Amended TO Total \$442,825.00

Current Task Order Budget Summary

Project Duration increased from 10 month to 15 months

Notes

- 6-F.1 RESIDENT INSPECTOR is at a \$26,200 budget deficit thru January 2025
 - Unbilled Feb 2025 Inspector time is approximately \$30,000
 - Projected expenditures assumes \$30,000/month for March – May

- Total deficit is approximately \$146,200
- 6-F.2 VEHICLE
 - Projected expenditures assumes an approximate deficit is \$4,050
- 6-F.3 LAB SERVICES
 - Unbilled Feb 2025 Testing invoicing is \$8,800
 - Assuming the same level of testing for March-May 2025 additional \$27,000
 - Projected expenditures assumes an approximate (\$13,200) budget deficit
- 6-F.4 TECHNICAL SERVICES - budget surplus of \$118,469.40 – recommend redistributing to deficit in F.1
 - No estimated additional billing.

Testing and Inspection – Proposed Amendment #2

- Amendment 2 Proposal – Redistribute \$118,469.40 surplus and Add \$49,700
- Amendment #2 Monitoring and Inspection – Greenup Industries
 - Resident Inspector and Senior Inspector \$372,840.00
 - Vehicle \$50.00/day \$20,000.00
 - Geotechnical Laboratory Services \$89,685.00
 - Technical Services \$10,000.00
- Amendment #2 TO Total \$492,525.00
- Amendment #1 TO Total \$442,825.00
- Original TO Total \$408,185.00
- Segment 3 and Segment 4 Coastal Use Permit (CUP)

- Resubmitted CUP for review on January 8, 2025
- Impacted acreage was reduced – wetlands to open water – so mitigation for Segments 3 and 4 is less than 60 acres.
- Revised images showing impacted acres are being developed and will be submitted to the agencies in April
- Mitigation plan should be finalized 30-60 after resubmittal
- Still waiting on USACE comments
- Segment 3 Scenic Rivers Permit
 - Scenic Rivers permit was submitted for initial review on January 22, 2025
 - LDWF – wants to review the hydraulics report in addition to a complete set of engineer drawings for the Scenic Rivers Permit
- Segment 4 Section 408 Permit
 - Currently not required by the USACE

If the Corps receives Construction funding for Segment 4 prior to issuance of the CUP and Scenic Rivers permit, then this may become a requirement for Segment 4 since the Corps has advanced PED on this reach.

Rene Chopin, BKI, gave an update on the pump station analysis.

Bayou Des Allemands Pump Station Data Gap Analysis

CPRA Model Assumptions

- For the purposes of the Water Institute's Phase 2 Report, it was assumed that rainfall interior to the basin with projects in place would be managed by the installation of pumps with adequate capacity.

- Induced flooding was also ignored in areas in front of the proposed levee alignments. It was assumed that all alignments analyzed reduced the flood depths to zero at all return periods. Pumping systems were assumed to eliminate rainfall-based flooding in each storage area, and the levees and pumping systems were assumed to prevent surge-based flooding.
- These were strong assumptions, but they resulted in an estimate of the maximum risk reduction provided by the alignments.
- The ultimate goal of the CPRA model was to include rainfall to provide for the maximum surge effects on the basin with the system in place as a rebuttal to the USACE's findings showing a poor benefit-cost ratio. By including the rainfall effects and the surge with and without the project and comparing the two, CPRA was able to increase the benefits of the project to an acceptable level.
- The CPRA 2017 Master Plan does call for a total basin pumping capacity of 6,837 CFS including internal and external pumping stations.

CPRA Model Findings

- There is no pump station in Bayou Des Allemands in the model.
- Total pumping capacity out of the UBRR system in the Arcadis model is 2,800 CFS.
- Since the model was created, St. Charles Parish added the Willowridge, Ellington, and Magnolia pumping stations accounting for another 1,300 CFS being removed from the basin.
- Total pumping capacity out of the UBRR system now totals 4,100 CFS.

- This leaves a pumping deficit of 2,737 CFS that is being recirculated in the UBRR system once the system is closed. This total coincides with our initial findings that a 3,000 CFS station will be required to stabilize the water surface elevation within the basin.

Vice-President Jeffery Henry made a motion to adjourn and Commissioner Craig Carter seconded his motion.

PRESIDENT

04/07/2025