The Board of Commissioners of the Bossier Levee District met in regular session on Wednesday,

 May 10, 2023 at 10:00 a.m. at the Levee Board Office, 3404 Industrial Drive, Bossier City, Louisiana.

 The President, Tim Larkin, called the meeting to order.

ROLL CALL PRESENT: Commissioners – ALLEY, BANTLE, LARKIN, MONTGOMERY and STELLY.

 Staff: Mark Long, Devan Jordan, Deanna Rabb, Travis Sturdivant and German Velazquez from the Department

 of Transportation and Development, and Daniel Baker, District Counsel for the Bossier Levee District.

 ABSENT: MOORE

 The first order of business was the opening prayer by Commissioner Montgomery and the Pledge of

Allegiance by Commissioner Larkin.

 On motion by Alley, seconded by Moore, and unanimously passed, the Board dispensed with the reading of the minutes and approved the minutes of the regular Board Meeting previously held on April 12, 2023.

**REQUESTS BY VISITORS:**

 Lacy and Jade Andrews, homeowners who recently purchased their residence at 974 Maize Street

 located in the Cypress Bend Garden District, Unit No. 4, requested a permit for an existing fence that runs

 across the back of the property as well as the proposed installation of a Tuff Shed Storage Building all within

 the Levee Board’s Control Area along Willow Chute Bayou.

 On motion by Stelly, seconded by Bantle, and on recommendation from the Applications Committee

 the Board approved the permit for the location of the proposed Tuff Shed Storage Building and the existing

 fence along Willow Chute Bayou at 974 Maize Street in the Cypress garden District for Mr. and Mrs. Andrews.

 (PERMIT #2023 - 14)

**OLD BUSINESS**

Updates on the NFIP Red River Levee Risk Assessment with the USACE were discussed, Tim Larkin stated that he had composed and mailed a letter, stated that the BLD would work with the CORPS in which a scope of work would be sent as well as obtaining a private engineering firm to apply for the 408 permit along with a budget.

**NEW BUSINESS:**

 The Board reviewed the following plats received from the MPC for approval and authorization of No

Objection Letters from the Bossier Levee District:

 1). Builders Supply Viking Subdivision, (Being A subdivision Of A Tract Of Land (Located in Section 27,

Township 18 North, Range 13 West, Bossier Parish, Louisiana, Total Area – 16.491 Acres).

 2). Minor Plat For Thomas Criag Moore & Lauren Brooke Tabor Moore (Located in Section 27, Township

19 North, Range 13 West Of The Louisiana Prime Meridian, Northwestern Land District Bossier Parish, Louisiana,

Containing 1.000 Acres, More or Less).

 The Applications Committee and the Board agreed that the above plats met all requirements and letters

of no objection would be issued to both. No action taken. No comments from the public.

 The Board reviewed a request for a Right of Way for surveying and construction, Red River Basin,

Bossier Parish; P.L. 84 – 99 Red Chute Bayou Bank Stabilization, RM 199 – 59, Sites 1 – 9 submitted by the U.S.

Army CORPS of Engineers, Vicksburg District.

 On motion by Stelly, seconded by Montgomery, and on recommendation from the Applications Committee

the Board agreed to furnish the requested right of way by a letter of approval, resolution, and an executed AFE

(Authorization for Entry). No comments from the public.

 Discussion for a resolution authorizing the Bossier Levee District to submit the pre-application to the

Statewide Flood Control Program for assistance in the implementation of the BLD program for the Red River

Levee Flood Abatement Project. to facilitate reducing potential future flood damages in the area.

 On motion by Alley, seconded by Bantle, and on recommendation from the Applications Committee

Committee the Board authorized the BLD to submit the pre-application to the Statewide Flood Control Program

Program for the Red River Levee Flood Abatement Project to reduce potential future flood damages. No

comments from the public.

 **LEVEE AND DRAINAGE REPORT**

**Red Chute Bayou Channel Slope Repairs**

- July 24, 2019 – Vicksburg Corps conducted a damage assessment of high-water damages on Red Chute Bayou; no determination as of November 11, 2019.

- December 9, 2019 – Donald Walker, Chief of Vicksburg Corps Emergency Management called and advised that the Vicksburg Corps would be providing funding for approximately 10 bank caving sites along the levee.

- December 10, 2019 – Captain Papia with the Vicksburg District made a site visit to assess the bank repair areas.

- March 30, 2020 – received letter dated March 24, 2020, from the colonel of the Vicksburg District Army Corps denying

our request for PL 84-99 funding for bank caving repairs.

- Waiting for further direction from the Corps on repair requirements.

- July 8, 2021 – Lanny Barfield, with the USACE Vicksburg District, advised that the District recently requested approval from the MVD for funding approval to repair of the sites.

- May 10, 2022 – Received an email from Craig Prestwood, Senior Project Manager, with the USACE Vicksburg District

advising that our request for bank stabilization repairs has been approved by the MVD and that they are getting ready to

send in a funding request to MVD for design and data collection.

- July 21, 2022- BLD provided a right-of-entry to Patrick White with the Vicksburg District for surveying and site assessment needed for plan design for bank stabilization repairs.

- September 12, 2022 – Soil survey for bank stabilization design started.

- October 12, 2022 – Topo survey for bank stabilization design near completion.

- May 4, 2023 - PDT meeting conducted through WEBX; major topic was discussion of unexploded ordinances within project limits. It is anticipated that the project delivery date will be in the fall of this year.

**Red Chute Levee Raise Project**

- Mitigation analysis for levee raise was conducted by Nixon Engineering and Dewberry Consultants.

- October 31, 2019 – Nixon Engineering delivered mitigation report.

- December 8, 2019 – Kurt Nixon and Jacob Lesue presented the board with mitigation study results.

- March 11, 2020 – Kurt Nixon submitted a revised mitigation study report with recommendations for a levee raise and mitigation

**Levee Inspection Compliance**

- BLD has completed an inspection and report of deficiencies on the Red River Levee including items listed on the USACE 2019 Levee Inspection Report. Our plan of action is to start removing all unwanted vegetation and other encroachments in areas where permission can be obtained from property owners.

- Corps Periodic Levee Inspection conducted May 4-5, 2021, on the Red River Levee.

- Work underway south of LA 511 Bridge removing encroaching trees and brush.

- November 15, 2021thru November 18, 2021, video inspection made on all levee drainage structures.

- USACE Periodic Levee Inspection – embankment inspection conducted on June 6, 2022; mechanical inspection conducted on June 1, 2022; structures inspection performed on June 22, 2022.

- September 1, 2022 – relined two existing CMP outfall structures on Red Chute Levee at levee station 238+40 and 375+00 at a total cost of $131,816.20. October 3, 2022, re-videoed relined culverts for submittal to the Corps.

- November 7, 2022 – BLD crews made repairs to seepage berms on Red River Levee north of Lock and Dam 5 Road.

- DOTD levee inspection conducted April 24 through 26, 2023.

**Red River Levee Certification**

- May 8, 2018 – sent letter to Corps requesting their services in providing new levee certification.

- February 7, 2020 – we received word from Craig McRaney with the Vicksburg Corps that the levee can be raised above

elevation of Lock and Dam 5 Road; Mr. McRaney also advised that the levee district should submit a request for a 408

permit to raise the levee in the areas with insufficient freeboard.

- February 10, 2020 – a conference call was held with several members of the Vicksburg Corps; the purpose of the call was to seek guidance on how to expedite the permit for the levee raise and to request that the Corps provide assistance in obtaining the permit. Very little new information was obtained from the call; the Corps did say that they would research

the Congressional Authorization for the levee to determine if any restrictions such as an additional congressional authorization would be needed to raise the levee.

- September 9, 2020 – hired Kurt Nixon to review options for levee certification.

- January 11, 2021 – held conference call with Vicksburg Corps and discussed 408 permit requirements for raising the areas with deficient free board on the Red River Levee north of Lock and Dam 5.

- March 3, 2021 – Kurt Nixon provided progress letter on status of the 408 permit.

- April 12, 2021 – conference call held with Katy Breaux and members of the Vicksburg Army Corps of Engineers to

discuss a Risk Assessment to be used for levee certification.

- April 22, 2021 – conference call with Vicksburg Corps to discuss Risk Assessment; Katy Breaux advised that the Corps

has obtained funding for the Hydraulic Analysis portion of a Risk Assessment

- June 8, 2021 – spoke with Katy Breaux, Project Manager with Vicksburg Corps and she advised that work on the

Hydraulic Analysis portion of the Risk Assessment should be completed by the end of July 2021.

- On August 17, 2021, Raley and Associates completed work on cross sectioning and topo survey of a 6.0-mile segment of the levee from lock and Dam 5 road north.

- January 4, 2022 – received a status update on the CORPS H&H Analysis for the Red River Levee; the H&H Analysis is complete however they are waiting on new risk assessment classification guidance before issuing a report.

- March 28, 2022 – a meeting with the Vicksburg Corps and local officials was held; Will McRae with the Vicksburg Corps Levee Safety Center presented Corps recommendations for a path forward on levee accreditation and discussed an in-depth levee risk assessment to be cost shared with the Corps and local entities; estimated cost range between $250,000.00 and $750,000.00.

- July 6, 2022 – re-submitted letter of request to the Vicksburg Army Corps of Engineers for a Semi-Quantitative Risk Assessment on the Red River Levee.

- December 13, 2022 – conference call with Will McCrae, Brandon Cummins, Lanny Barfield and other members of the Vicksburg Corps concerning the Semi-Quantitative Risk Assessment. Will McCrae advised that new guidance for evaluating a risk assessment would be coming out in February of 2023; he advised waiting for the new guidance before starting the

risk assessment.

- March 8, 2023 – Vicksburg Corps met with board and provide updates and recommendations for an NFIP Risk

Assessment.

- April 29, 2023 – mailed letter of request for an Accelerated Levee Evaluation (Risk Assessment) for NFIP Purposes to the Vicksburg USACE.

**Flat River Outfall Pipes - South of Sligo Road**

- February 2, 2022 – signed Cooperative Endeavor Agreement with the Bossier Parish Police Jury to cost share on the installation of two outfall pipes south of Sligo Road on Flat River.

- October 24, 2022 – Bossier Parish Police Jury crew started work.

- November 22- 23 BLD trucks assisted BPPJ hauling soil for pipe backfill. Remaining work by BPPJ consists of additional backfill, riprap, and installation of flap gates.

**Tinsley Ditch Culverts**

-December 15, 2022 – the board authorized Kurt Nixon with Nixon Engineer to proceed with survey and design for the replacement of existing culverts under Crowing Lane and installation of a new culvert between Crowing Lane and Lateral

B-4 ditch.

- February 1, 2022 – revised construction plans received from Nixon Engineering.

- March 3, 2022 – Bids were opened for the Crowing Lane Drainage Improvements with a low bid of $232,757.50 from

FJ Burnell.

- March 30. 2022 – work began.

- July 18, 2022 – work is substantially complete except for fence installation.

- September 13, 2022 – issued contract with F J Burnell for a concrete headwall and concrete apron at a cost of $42,966.00.

- November 7, 2022 – required utility relocation started, new AT&T pole set.

- April 10, 2023 – utility relocation completed.

**Red River Levee Ponding Area**

- January 5, 2022 – requested surveyor to survey area near Red River Levee Station 147+00 to determine how best to drain an area of ponding water adjacent to the levee.

- April 1, 2022 - received survey information from Travis Sturdivant with Raley and Associates of ponding area and proposed drainage ditch.

**Levee and Drainage Crews**

- Mowing levees and drainage control areas.

- Inspecting various construction activities near levees and drainage channels.

- Inspecting levees, channels, and drainage structures; cleaning outfall pipes and flap gates.

- Cleared trees and brush along Flat River downstream of Swan Lake Road. Replaced a 36-inch outfall pipe in same location, installed pipe in washout for access purposes.

- Herbicide application along drainage channels and fenced along levees.

- Repaired cattle ruts on Red River Levee

- Cleaning drift from bridges.

- Servicing and repairing equipment.

**Surplus Equipment**

- The following equipment is to be sold as surplus.

1. 2003 Case MX 110 with 5313 hours; Equipment # 205.
2. 2016 John Deere 6135E with 520 hours; Equipment # 380.
3. 2016 John Deere 6135E with 326 hours; Equipment # 381.
4. 2009 John Deere 7230 with 4975 hours; Equipment # 207.
5. 2009 John Deere 7230 with 4705 hours: Equipment # 208.
6. 2007 Ford F-450 with 103,566 miles; Equipment # 108.
7. 2000 John Deere Track Excavator with 4790 hours; Equipment # 203.

On motion by Stelly, seconded by Alley, and unanimously approved, the Board authorized the

secretary for the Bossier Levee District to make payments for the month of March in the amount of $79,369.99

as set forth in the materials provided for the Board. The May 10, 2023 Bossier Levee District Board Meeting

was adjourned at approximately 10:20 a.m.

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Timothy A. Larkin, President Deanna S. Rabb, Secretary