



Lake Shamineau Lake Improvement District

Lake Shamineau High Water Outlet Project

LSLID Board Meeting

September 13, 2023



- **Scandia Valley Township:**

- Permit dates updates officially updated
- Traffic control plan approved
- Pre-construction road surveys completed

- **Fawn Lake Township:**

- Traffic control plan approved
- Pre-construction road surveys completed

- **Wetlands:**

- Wetland credits finalized



- LSLID Board held a special meeting on August 10, 2023
 - Board reviewed and accepted the bids
 - Board awarded the construction contract to the lowest responsible bidder (Landwehr Construction), in accordance with Minn. Statutes
- Landwehr and the LSLID have signed an Agreement
 - Effective Date= August 22, 2023
 - All bonds, insurance, etc. are in place.
- Preconstruction conference held September 6th.
- LSLID can issue a Notice to Proceed, allowing Landwehr to begin construction immediately
 - Per Agreement, Landwehr can automatically begin 30 days after Effective Date



- Estimated Total Construction Phase Costs: \$5,550,000
 - Estimated project cost includes all anticipated costs; including:
 - Construction
 - Engineering
 - Right-of-way
 - Permitting
 - Utilities
 - Legal
 - Administration
 - Financing
 - Contingency
 - Value engineering has been ongoing and will be considered during construction
 - HEI will provide LSLID with regular budget updates throughout construction

Estimated Project Costs



- The Agreement is based on estimated contract quantities
 - Contractor will be paid on actual measured quantities → cost could change slightly
- Costs can also change due to Change Orders approved by the Board (could increase or decrease)
- Current budget includes a contingency of \$350,000+ to address Change Orders and other costs



- Contractor will typically submit monthly pay requests (20 days prior to meeting)
 - HEI will review and provide recommendations to the LSLID within 10 days
 - LSLID must pay (or take other action) within 10 days
 - Retainage will be withheld each month until contractor completes the project
- Change Orders are considered and approved separately, and then reflected in Pay Applications
 - Prompt review and approval of Change Orders will limit delays and limit added costs
- Financing:
 - Interim financing secured by LSLID will be used to cover expenses during construction



- Meeting was held at Scandia Valley Town Hall on September 6, 2023
- Attendees...
- Topics.....
- Highlights...
 - Emergency services
 - Traffic control
 - Utilities
 - Dock/fence removals
 - Construction schedule



- Construction:
 - Start: September 2023
 - Preconstruction meeting held on September 6th
 - Pre-construction home inspections scheduled for September 15th
 - Week of September 18th: Landwehr to begin in/near the lake (sheetpile installation)
 - October 1st: Landwehr to begin tree clearing and site prep
 - Work to proceed through the winter months

- Completion:
 - Substantial (i.e., pumps operable)= July 31, 2024
 - Final (i.e., seeding, calibration, site restoration)= September 30, 2024

- Pump Operation:
 - Dictated by Operating Plan



- Landwehr has provided a preliminary construction schedule
 - Subject to change; dependent upon weather, material availability, etc.
 - Proposes a significant amount of work being done during winter months

Lake Shamaineau Outlet Project Preliminary Schedule

Date:	October	November	December	January	February	March	April	May	June	July
Mob										
Intake Structure										
Pumpstation										
Install 16" PVC (AZTEC ROAD)										
Install 16" PVC Open Cut & Boring (HWY 10)										
Casing Pipe Install										
Install 30" HDPE										
Grading in Ditches										
Paving & Seeding										
Final Clean Up & Punch List										

Schedule may pend on weather, rainfall and pipe manufacture.



- Landwehr Construction is responsible for....
 - Construction means and methods
 - Site safety
 - Schedule, but must meet completion dates
- Changes involving price or contract time to the project must be approved by LSLID Board and Landwehr, in writing
 - Landwehr will not take direction from landowners or individual Board members without authorization
- Houston Engineering will serve as the LSLID's representative and assist with contract administration
 - Houston's authorities are limited, as spelled out in contracts
 - Cannot direct Contractor's means or methods
 - Can issue clarifications (RFIs, Field Orders, etc.) that don't change Contract Price or Contract Time
 - Observing for general conformance with Contract; not guaranteeing the work



- HEI contacts during construction
 - Mike Opat- Project Manager
 - Randy Englestad- Lead Engineer
 - Mike Cummins- Resident Project Representative (RPR)
- HEI will prepare regular construction updates and provide to LSLID
 - LSLID will upload to LSLID website
- Currently reviewing contractor's submittals, setting initial survey stakes, providing contractor with electronic files, assisting with utility coordination, etc.



- LSLID Board members, landowners, or members of the public should not interact with Landwehr unless Landwehr initiates
 - Emergency situations are an exception.
 - **Concerns or questions should be directed to HEI rep or LSLID rep**
- Please respect all road detours and site safety measures
- Regular construction updates will be posted on LSLID website



Project Description



- Lake Intake
- Pump Station
 - Pump—10 cubic feet per second (cfs)
 - AIS Filter
 - Building
- Forcemain (Pipe)
- Gravity Bypass Pipe
- Downstream
 - Fish Trap Creek/TCD 41

