

Weekly Construction Project Report No. 007

Lake Shamineau High Water Outlet

PREPARED FOR: Lake Shamineau Lake Improvement District
PREPARED BY: Beau Sanford
DATE: November 3, 2023
HEI PROJECT NO.: 9276-0003

Reporting Period

October 30, 2023 - November 3, 2023

Project Details

Project Name: Lake Shamineau High Water Outlet Project
Current Contract Value Completed: \$325,286.75 (Through Application for Payment #1)
Contractor: Landwehr Construction Inc.

Weather Summary This Week:

M - overcast clouds 10s Deg., High 30s Deg., Wind 9 MPH.

T - broken clouds 20s Deg., High 30s Deg., Wind 15 MPH.

W - broken clouds 22 Deg., High 25 Deg., Wind 7 MPH.

T - scattered clouds 20s Deg., High 30s Deg., Wind 6 MPH.

F - overcast clouds 40s Deg., High 20s Deg., Wind 6 MPH.

Quantities:

30" HDPE Dual Wall Pipe	1020 LF
4' Dia MH	2 EA
16" DR25 C900 PVC Pipe (Forcemain) - Install by HDD	1807 LF
12" CMP Culvert	24.8 LF
18" CMP Culvert	39 LF
12" Steel Apron	2 EA
18" Steel Apron	2 EA
Inserta Tee Riser	1 EA
Turf Reinforcement Mat	52 SY
30" CMP Culvert	47 LF
30" Steel Apron	2 EA
6" Gravel Base	72.61 TON

Summary of Work Performed by Contractor

- Installed gravity flow pipe and manhole along Pulaski Road and installed turf reinforcement mat at outlet.
- Removed milled asphalt from Aztec Road
- Fused carrier pipe for boring under Highway 10.
- Began boring alongside highway 10.
- Began preparations to bore under county road 203.
- Worked on lake inlet cofferdam and dewatering.

Future Activities

- Landwehr will continue installing pipe along Pulaski Road.
- Landwehr will continue with pipe boring set up and installations.
- Landwehr will continue working on the lake inlet, including dewatering.
- Landwehr's subcontractor will install the turf reinforcement mat at the outlet end.
- If Landwehr's crew reaches wetter areas west of Hwy 10 next week and it's too soft to work in yet, they may transition to work on some of the force main pipe east of Hwy 10.
- Refer to Landwehr Construction's two week look ahead (attached to this report) for their anticipated schedule. This schedule is subject to change.

*All information for this report was collected from the Houston Resident Project Representative's Logs.



Photo #1: Fused carrier pipe along Highway 10 - Oct 30, 2023, 8:14 AM



Photo #2: Preparing pipe to be fused - Oct 30, 2023, 10:01 AM



Photo #3: Boring along Highway 10 - Oct 30, 2023, 2:51 PM



Photo #4: Installing culvert along Pulaski Road - Nov 2, 2023, 7:02 PM



Photo #5: Pulling the first section of force main pipe back through the bored hole - Nov 2, 2023, 7:04 PM



Photo #6: Restoring backfilled ditch to desired grade before adding topsoil - Nov 2, 2023, 7:06 PM



Photo #7: Turf reinforcement mat installed at the outlet end of the gravity flow pipe - Nov 2, 2023, 7:22 PM



Photo #8: Working to connect the two sections of bored force main along Highway 10 - Nov 3, 2023, 11:22 AM

Schedule (10/19/2023)
 Lake Shamineau

LANDWEHR CONSTRUCTION INC

2 week lookahead

THURS	FRI	Sat	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN	MON	TUES	WED
19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct	1-Nov

Item # Description

Item #	Description	THURS	FRI	Sat	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN	MON	TUES	WED
	Dewatering	XXXX	XXXX			XXXX	XXXX	XXXX	XXXX	XXXX			XXXX	XXXX	XXXX
	Intake Structure Pipe							XXXX	XXXX	XXXX			XXXX	XXXX	XXXX
	Gravity Sewer	XXXX	XXXX			XXXX	XXXX	XXXX	XXXX	XXXX			XXXX	XXXX	XXXX
	Hwy 10 Shoulder Closure set up							XXXX							
	HDD Pipe installation							XXXX	XXXX	XXXX			XXXX	XXXX	XXXX
	Erosion control	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

Note: Weather Dependent, Material dependent