

Weekly Project Update

Project: Little McDonald
Outlet to Otter Tail River
Location: Otter Tail County, MN

Client: LMKP LID

Moore Engineering Project No.: 18632A

Week End Date: June 01, 2018

Project Field Contact: Ben Skaaland
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This field report shows observations while on the construction site.

Little McDonald

Lake Outlet Project

Part A & B

General Contractor Part A :

Geislinger and Sons, Inc.

Subcontractors:

Ackling Construction
Magney Construction
Northern Dewatering, Inc.
Wells Concrete
Industrial Builders

General Contractor Part B :

Sellin Brothers, Inc

Subcontractors:

Northern Dewatering, Inc.
Jim Ramsey Tree Service
Andy Francis Construction
Robert R. Schroeder Construction
3D Specialties
Sherbrooke Turf
Driveway Services

Report Distribution

LMKP LID
Otter Tail County

Reporting Period

May 26, 2018 – June 01, 2018



Figure 1: Industrial Builders Placing Wall Of Pump House

Summary of Work Performed by Contractor:

Part A:

- Wells Concrete constructed the precast concrete pump house; walls were placed, roof was set and grouted.
- Geislinger set the pumps and pump motors in the wet well within the pump house.
- Industrial Builders operated crane to set precast wall and roof for the pump house.
- Magney Construction coordinated the work on the pump house site.

Part B:

- Dewatering operations were shut off.
- Sellin Bros. continuing installation of the 24" forcemain pipe on 450th Street.
 - Monday - 0 feet installed.
 - Tuesday – 85 feet installed.
 - Wednesday – 700 feet installed.
 - Thursday – 340 feet installed.
 - Friday - 100 feet installed.
 - Total length of pipe installed this week = 1,225 feet
- Sellin Bros. completed the installation of the 30" intake pipe from the pump house to the lake.
 - Monday – 0 feet installed
 - Tuesday – 108 feet installed
 - Wednesday – 40 feet installed
 - Thursday – 0 feet installed
 - Friday – 0 feet installed
 - Total length of pipe installed this week = 148 feet
- Sellin Bros. completed installation of the 8" discharge line from the pump house to the lake.
 - Monday – 0 feet installed
 - Tuesday – 100 feet installed
 - Wednesday – 43 feet installed
 - Thursday – 0 feet installed
 - Friday – 0 feet installed
 - Total length of pipe installed this week = 143 feet
- Sellin Bros. installed the drain manhole on 450th Street.
- Sellin Bros. began restoring the Freeland lot, located by the lake.
- Schroeder Construction on-site to remove sheet piling in order to connect 30" intake and 8" discharge pipe.

Challenges and Solutions:

- Sellin Bros. chose to install (2) 45-degree, 30" D.I. bends instead of getting the deflection out of the pipe connections → Done to achieve the vertical rise from the lake to the pump house.

Percent of Work Completed:

Part A (Pump Station): 60% of structure complete (based on contract value completed to date).

Part B (Forcemain): 98% of pipe installed.

QA/QC Testing/Inspecting Performed and Results:

Part A

- Check was done to ensure the correct grout was used.
- Measured footings for the precast walls to be installed.

Part B

- Before the dewatering was shut off, the intake and discharge lines were inspected.

Upcoming Scheduled Work:

Part A

- Electrical services to begin on the pump house.
- Filter units to be installed in the pump house.

Part B

- Sellin Bros. to:
 - Complete the 24" forcemain pipe installation.
 - Install forcemain markers.
 - Pour concrete inverts into air release manholes.
 - Begin site restoration.
- Sherbrooke Turf to seed all disturbed areas and install erosion control blanket.
- Sherbrooke Turf to remove floatation silt curtain in Little McDonald Lake.
- Schroeder to remove remainder of sheet piling.
- MVI to replace 8" irrigation line located by Calvary Cemetery on 410th Ave.
- Class 5 gravel to be placed on minimum maintenance road on 450th Street.
- Conductivity testing to be completed on tracer wire.

Meetings:

- LMKP LID Board Meeting: June 6, 2018 3pm
- LMKP LID Board Meeting: July 3, 2018 at 3PM
- LMKP LID Annual Member Meeting: July 7, 2018 at 9AM
- LMKP LID Board Meeting: August 1, 2018 at 3PM
- Construction meeting – none this week



Figure 2: Removal of Sheet Piling



Figure 4: Sheet Piling and Intake Structure



Figure 3: Pressure Sustaining Valve



Figure 5: Installing Pump Motor Into Pump House



Figure 6: Pumps For Wet Well



Figure 9: Installing Pressure Sustaining Valve



Figure 7: 150 Horsepower Pump Motor



Figure 10: Exterior of Pump House

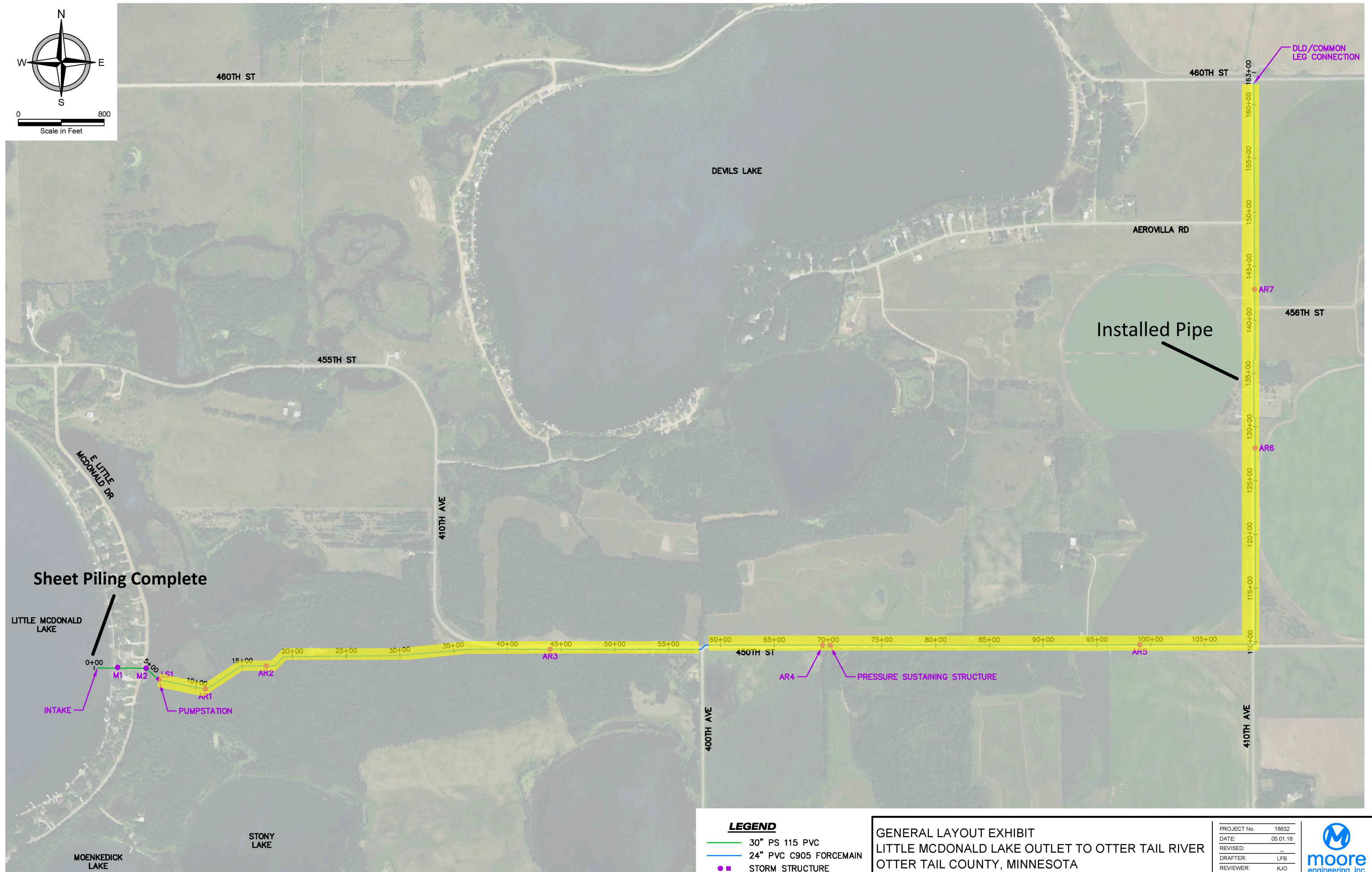
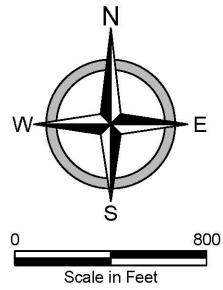


Figure 8: Measuring Footings For Precast Walls



Figure 11: Sellin Bros. connecting 30" DI Pipe to the 30" PVC Pipe

FILE LOCATION: R:\Civil 3D Projects - FFalls\18632 LITTLE MAC OUTLET\DRAWINGS\DESIGN\18632-pp east route.dwg



LEGEND

- 30" PS 115 PVC
- 24" PVC C905 FORCEMAIN
- STORM STRUCTURE

GENERAL LAYOUT EXHIBIT
LITTLE MCDONALD LAKE OUTLET TO OTTER TAIL RIVER
OTTER TAIL COUNTY, MINNESOTA

PROJECT No.	18632
DATE:	05.01.18
REVISED:	-
DRAFTER:	LFB
REVIEWER:	KJO

