

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: May 25, 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
Northern Dewatering, Inc.

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 19, 2018 – May 25, 2018



Figure 1: 30" intake pipe installation

Summary of Work Performed by Contractor:

Part A:

- Magney Construction removed the forms from the footings of the pump house.

Part B:

- Northern Dewatering added dewatering wells and maintained the generators for the pumping.
- Sellin Bros. installing 24" forcemain pipe on the south side on 450th Street along the Krueger property toward 400th Avenue.
 - Monday - 240 feet installed.
 - Tuesday – 500 feet installed.
 - Wednesday – 380 feet installed.
 - Thursday – 300 feet installed.
 - Friday - 100 feet installed.
 - Total length of pipe installed this week = 1,520 feet
- Sellin Bros. installed 30" intake pipe, from East Little McDonald Drive towards the lake.
 - Monday – 136 feet installed
 - Tuesday – 84 feet installed
 - Wednesday – 4 feet installed
 - Thursday – 0 feet installed
 - Friday – 7 feet installed
 - Total length of pipe installed this week = 231 feet
- Sellin Bros. installed 8" discharge line from East Little McDonald Drive to the lake.
- Sellin Bros. installed 12" RCP culverts to Krueger property.
- Sellin Bros. installed 15" RCP culverts along 450th Street.
- Driveway Services paved the bituminous patches on 410th Avenue.
- Sellin Bros. placed gravel on the approaches off of the new pavements on 410th Avenue.
- MVI repaired the irrigation line crosses 450th Street.

Challenges and Solutions:

- Dewatering operations have been a challenge, they haven't been able to get as much water out → Sellin Bros. had to add rock to the bottom of the trench to install the pipe with the ground water present.
- Arvig communication line has been in conflict with installation of the 24" forcemain → slower installation of 24" forcemain so they didn't sever the Arvig line.

Percent of Work Completed:

Part A (Pump Station): 25% of structure complete (based on contract value completed to date).

Part B (Forcemain): 90% of pipe installed, Intake structure installed this week.

QA/QC Testing/Inspecting Performed and Results:

Part A

- None this week.

Part B

- Pavement patches were measured for depth, and checked for compaction.

Upcoming Scheduled Work:

Part A

- Magney Construction to begin installing the precast pump house structure.
- Lake Region Electric to begin installation of electric service to the pump house.

Part B

- Sellin Bros. to:
 - install the pressure sustaining valve.
 - complete the 24" forcemain pipe installation.
 - complete the 30" intake line installation.
 - complete the 8" discharge line installation and backwash pad.
 - Install the air release valves.
 - Begin site restoration.
- MVI to reinstall irrigation line along the Calvary Lutheran Cemetery next week.

Meetings:

- LMKP LID June 6, 2018 3pm
- Construction meeting – none scheduled



Figure 2: Installed 30" Pipe From the Intake



Figure 3: Bituminous Paving



Figure 4: Installing 24" PVC Forcemain



Figure 5: Installing 24" PVC Forcemain



Figure 6: Tightening Bolts on Mechanical Connection

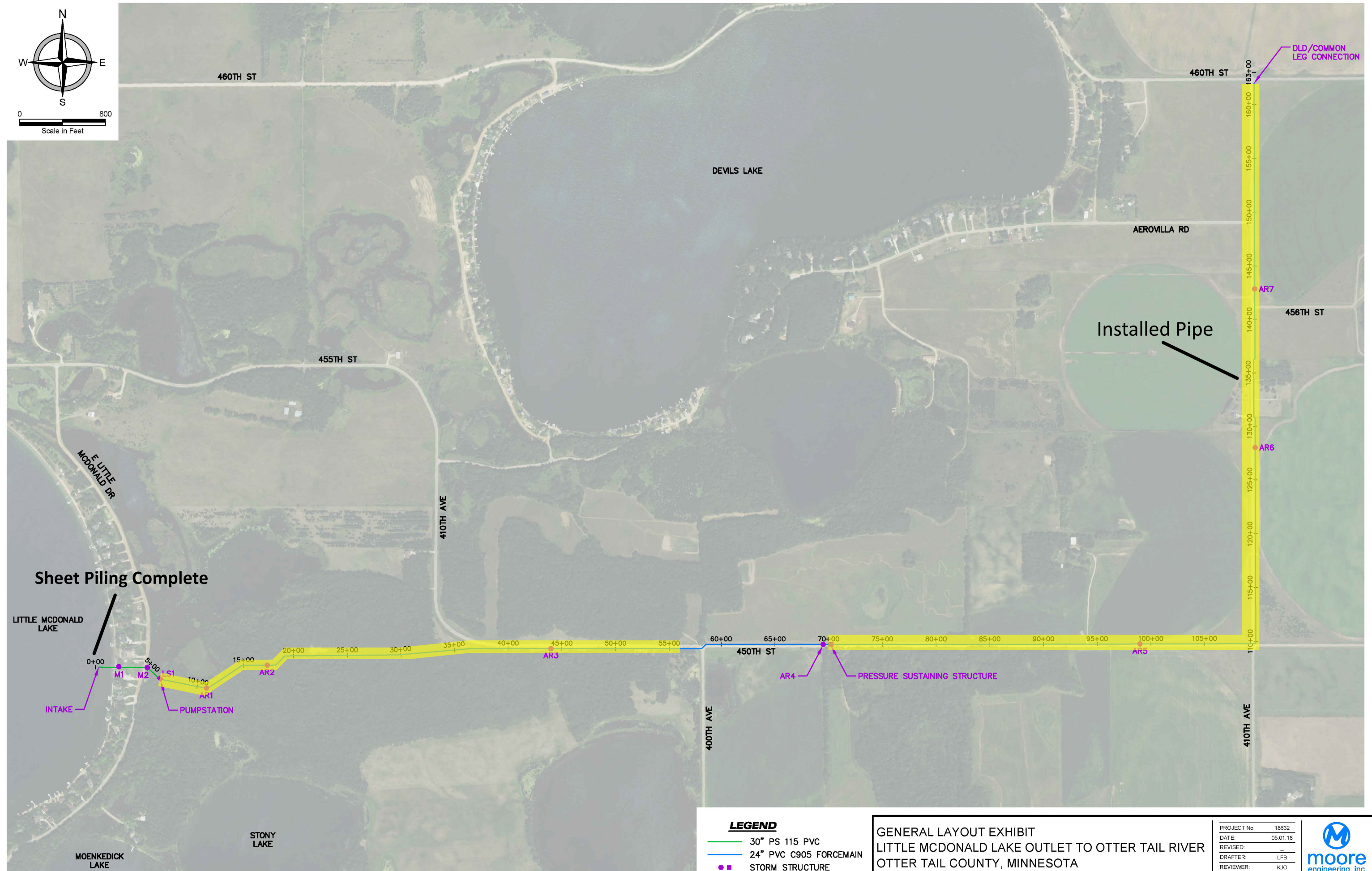
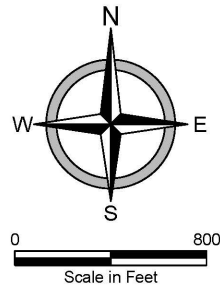


Figure 7: Installing 15" RCP Culvert



Figure 8: Bituminous Paving

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

