



**19th Avenue and Dunkirk Lane
Pond Improvement Project
WR-19-0001**

Neighborhood Information Meeting - June 21, 2023



Project Team

City of Plymouth

Amy Riegel, Senior Engineering Technician
ariegel@plymouthmn.gov

Ben Scharenbroich, Water Resources Supervisor
bscharenbroich@plymouthmn.gov

Design Consultant, WSB

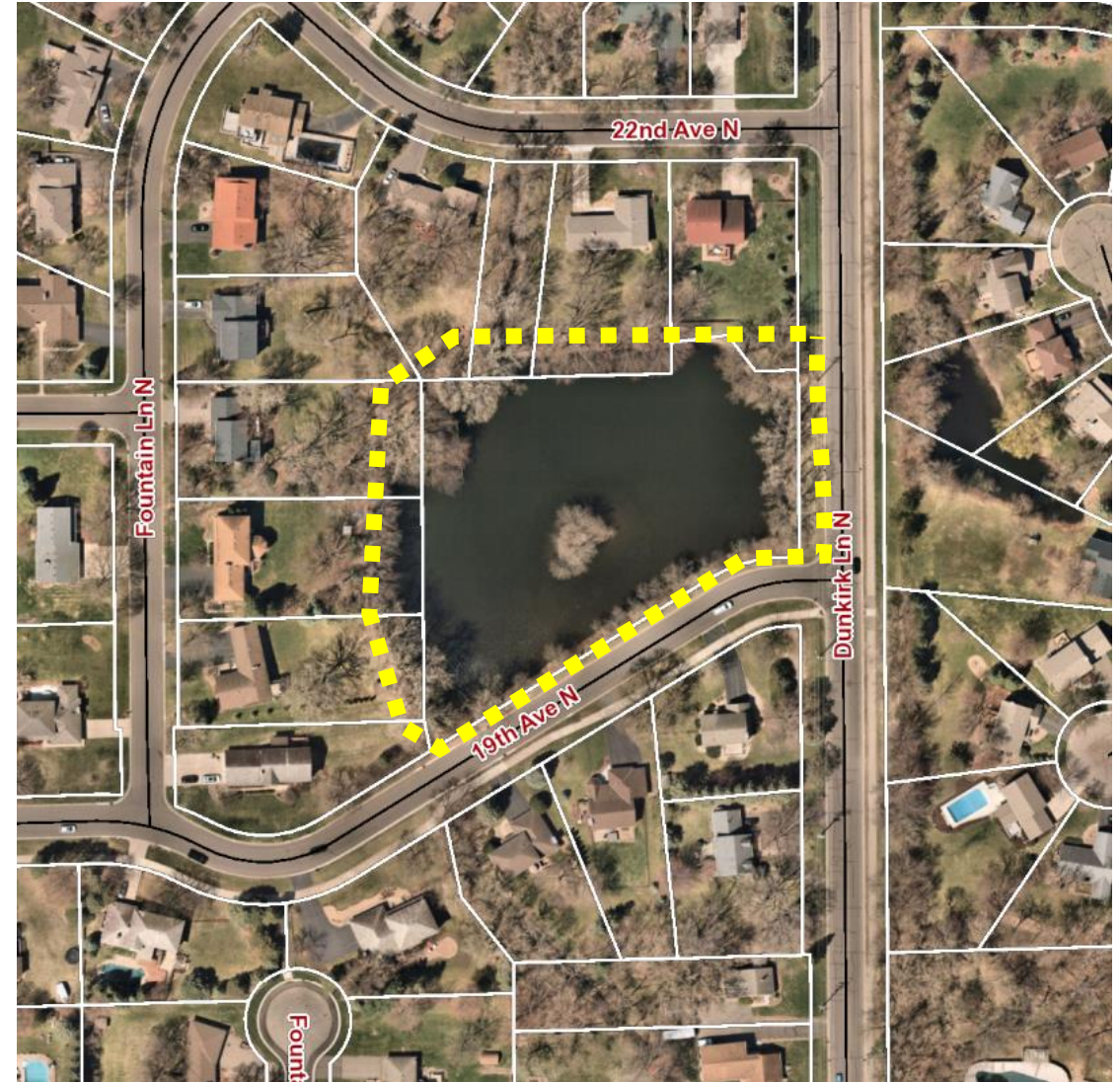
Jake Newhall, PE
jnewhall@wsbeng.com

Laura Rescorla, PE
lrescorla@wsbeng.com



19th Avenue and Dunkirk Lane Pond Improvement

Location Map





Current Conditions



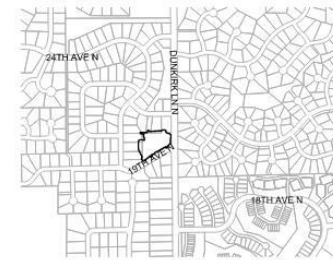
Project Improvements

The proposed improvements of the project are:

- Pond Dredging
- Storm Sewer Infrastructure Replacement
- Restoration with native grasses and wildflowers



LOCATION



LEGEND

- INLET PROTECTION
- CLASS III RIPRAP FIELDSTONE
- PARCEL LINE
- APPROX. CONSTRUCTION LIMITS
- STABILIZED CONSTRUCTION ENTRANCE. UNLESS OTHERWISE NOTED, RESTORE USING SEED MIX 25-131 (220 LBS/ACRE) WITH FERTILIZER TYPE 3 (350 LBS/ACRE) & TYPE 3 MULCH (2 TONS/ACRE) WITH DISC ANCHOR.
- SEED MIX 33-261 (35 LBS/ACRE) WITH FERTILIZER TYPE 4 (150LBS/ACRE), SEED MIX 21-111 (100 LBS/ACRE), & CATEGORY 20 ROLLED EROSION PREVENTION PRODUCT. TEMPORARY STABILIZATION: TYPE 3 MULCH WITH DISC ANCHOR
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- PROPOSED CONTOUR (MAJOR)
- PROPOSED CONTOUR (MINOR)
- EXISTING STORM SEWER PIPE
- PROPOSED STORM SEWER PIPE
- EXISTING STORM STRUCTURE
- PROPOSED STORM STRUCTURE
- SOIL BORING LOCATIONS

GENERAL CONSTRUCTION NOTES

1. RESTORE ALL POND EDGES AND WOODED AREAS WITH TYPE 33-261 SEED (35 LBS/AC), FERTILIZER TYPE 4 (150 LBS/ACRE), AND COVER CROP SEED MIX 21-111 (100 LBS/ACRE). CATEGORY 20 ROLLED EROSION PREVENTION PRODUCT SHALL BE INSTALLED ALONG POND EDGES, BUFFERS, AND NON-MOWABLE SLOPES AS DIRECTED BY THE ENGINEER IN THE FIELD. TEMPORARY STABILIZATION: TYPE 3 MULCH WITH DISC ANCHOR.
2. IN THE EVENT THAT RESTORATION CANNOT BE IMPLEMENTED WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY IN THE DISTURBED AREA HAS CEASED, TEMPORARY EROSION STABILIZATION BMPs MUST BE SCHEDULED TO OCCUR WITHIN THAT 7 DAY TIME FRAME.
3. CONTRACTOR RESPONSIBLE FOR THE DAMAGE TO STREETS, CONCRETE CURB AND GUTTER, SIDEWALKS, AND DRIVEWAYS.
4. DAILY STREET SWEEPING REQUIRED DURING HAULING OPERATIONS (INCIDENTAL TO MOBILIZATION).
5. DEWATERING/DECING TO TAKE PLACE PRIOR TO EXCAVATION. ICE IS TO BE STOCKPILED ON SITE AND PUT BACK IN POND FOLLOWING THE EXCAVATION. DEWATERING PLANS MUST BE DEVELOPED IN ACCORDANCE WITH SWPPP GUIDELINES.
6. CONTRACTOR SHALL PERFORM ALL DEWATERING AND EXCAVATION ONSITE AND OFF OF ROADWAY, AND LOAD AND HAUL OUT USING ACCESS ROUTE.
7. CONTRACTOR TO GRADE AROUND EXISTING STORM SEWER STRUCTURES AS DIRECTED BY THE ENGINEER.
8. CONTRACTOR TO COORDINATE ACCESS LIMITS WITH THE ENGINEER IN THE FIELD.
9. EXISTING POND CONTOURS DEVELOPED FROM PRE-DESIGN SURVEY. CONTRACTOR SHALL REMOVE TREES AS NEEDED TO ACCESS SITE AND AS APPROVED BY THE ENGINEER.
10. MANAGEMENT LEVEL 2 INDICATES THAT SEDIMENT IS REGULATED MATERIAL SUITABLE FOR INDUSTRIAL REUSE ONLY.

SCALE: AS SHOWN
 PLAN BY: SML
 DESIGN BY: LGR
 CHECK BY: JHN

NO.	DATE	DESCRIPTION

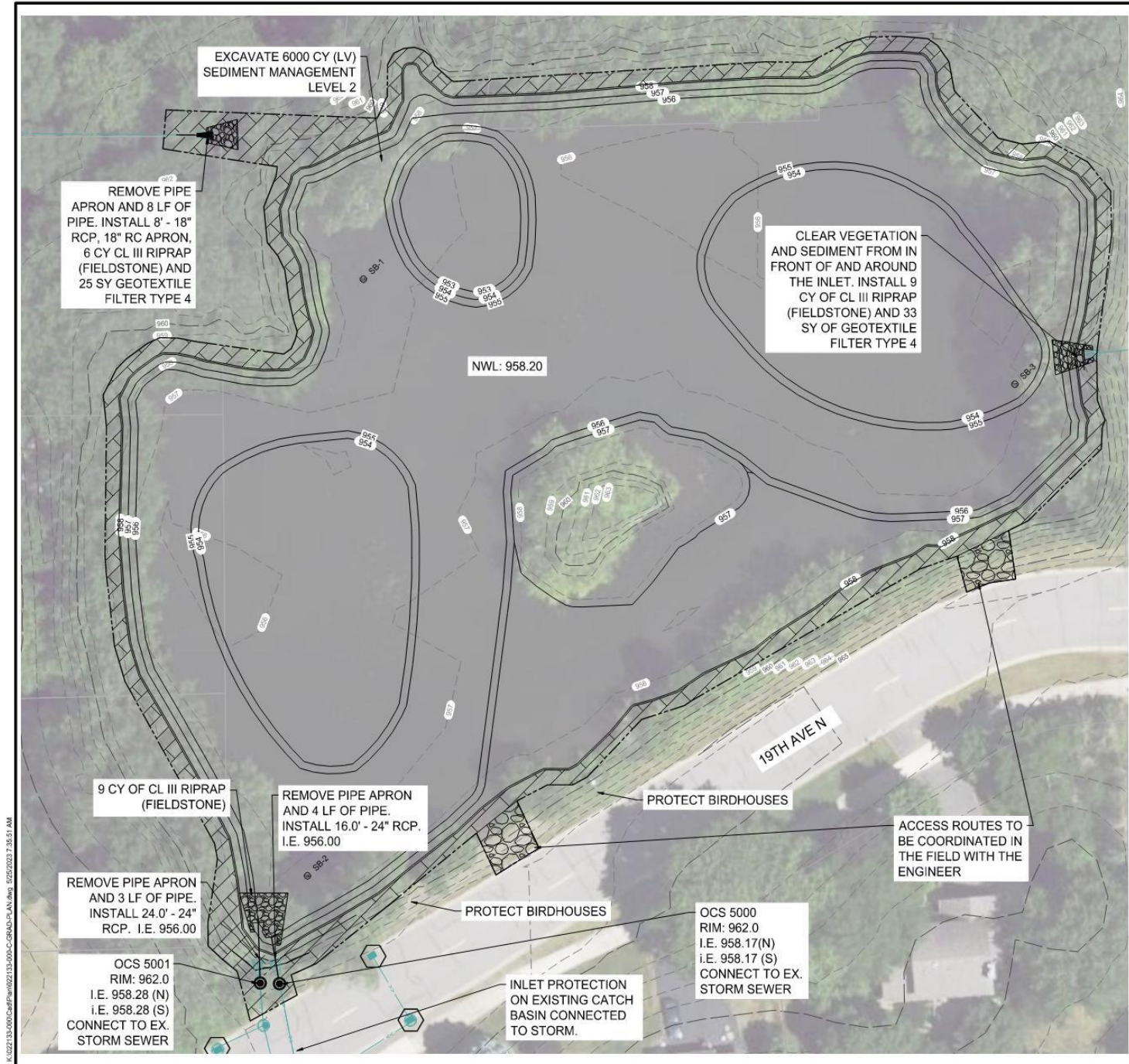
I HEREBY CERTIFY THAT THIS IS AN ORIGINAL SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

LAURA RESCORLA
 DATE: XX-XX-XXXX LIC. NO. 9876

GRADING PLAN

19TH & DUNKIRK POND IMPROVEMENTS
 CITY OF PLYMOUTH

CLIENT PROJECT NO. WR190001
 WSB PROJECT NO. 022133-000



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Pond Dredging



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- **Storm Sewer Infrastructure Replacement**
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Storm Sewer Infrastructure Replacement



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Restoration



- Restore with native grass and wildflower seed
- Stabilize soils with erosion control blanket
- Minimize tree removals



Estimated Project Schedule

Informational Meeting.....	June 21, 2023
Plans Completed.....	September 2023
Bidding of Project.....	October 2023
Award Contract.....	November 2023

Construction

- Begin Construction December 2023 / January 2024
- Substantial Completion March 2024
- Final Completion Early Summer 2024



Questions or Comments?

Amy Riegel, Senior Engineering Technician

ariegel@plymouthmn.gov

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Ben Scharenbroich, Water Resources Supervisor

bscharenbroich@plymouthmn.gov

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