



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr) (Jim Herbert, PE; Gabby Campagnola)
Subject: Item 4F: Highway 55 Lift Station Relocation – Golden Valley, MN
BCWMC July 18, 2024 Meeting Agenda
Date: July 11, 2024
Project: 23270051 1020 2410

4F Highway 55 Lift Station Relocation – Golden Valley, MN BCWMC 2024-10

Summary:

Proposed Work: Relocation of existing sanitary lift station

Project Proposer: City of Golden Valley

Project Schedule: Fall 2024, starting September

Basis for Review at Commission Meeting: Work in the floodplain

Impervious Surface Area: Increase approximately 1,530 square feet

Recommendation for Commission Action: Conditional approval

General Project Information

The proposed project is on the south side of Schaper pond, adjacent to the Sweeney Lake Branch of Bassett Creek and Olson Memorial Highway Frontage Road in the City of Golden Valley. The proposed project includes removal of an existing lift station that is located in the BCWMC 100-year floodplain and construction of a new lift station that is approximately 30 feet outside of the BCWMC 100-year floodplain, resulting in 0.52 acres of grading (disturbance). Overall, the project results in an increase of 0.04 acres of impervious surfaces, from 0.06 acres (existing) to 0.1 acres (proposed).

Floodplain

The proposed project includes work in the BCWMC (Schaper Pond) 100-year floodplain. The BCWMC 1% annual-chance (100-year) floodplain elevation of Schaper Pond is 836.6 feet NAVD88. The January 2023 BCWMC Requirements for Improvements and Development Proposals (Requirements) document states that projects within the floodplain must maintain no net loss in floodplain storage and no increase in flood level at any point along the trunk system (managed to at least a precision of 0.00 feet). The proposed project will include removal of the existing lift station from the 100-year floodplain and grading disturbed land, resulting in no fill in the floodplain.

Wetlands

There are no wetland impacts as part of the project.

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Rate Control

The proposed project does not create one or more acres of new and/or fully reconstructed impervious surfaces; therefore, BCWMC rate control review is not required.

Water Quality

The proposed project does not create one or more acres of new and/or fully reconstructed impervious surfaces; therefore, BCWMC water quality review is not required.

Erosion and Sediment Control



The proposed project results in more than 10,000 square feet of land disturbance; therefore, the proposed project must meet the BCWMC erosion and sediment control requirements. Proposed temporary erosion and sediment control features include rock construction entrances, silt fence, and storm drain inlet protection. Permanent erosion and sediment control features include stabilization with seeding.

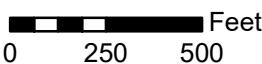
Recommendation for Commission Action

Conditional approval based on the following comments:

1. Sheet C1 and C2: the following note must be included: "Require that soils tracked from the site be removed from all paved surfaces within 24 hours of discovery throughout the duration of construction."
2. Sheet C1: the last sentence of note 16 must be revised to: "Stabilize all disturbed areas no longer than 7 days after construction activity has temporarily or permanently ceased."
3. Sheet C2: the following sentence must be added to note 16: "Stabilize all disturbed areas no longer than 7 days after construction activity has temporarily or permanently ceased."



-  Project Location
-  Major Subwatershed



BCWMC 2024-10
HIGHWAY 55
LIFT STATION
RELOCATION
Golden Valley, MN

LOCATION MAP