



## Memorandum

**To:** Bassett Creek Watershed Management Commission (BCWMC)  
**From:** Barr Engineering Co. (Barr) (Jim Herbert, PE; Gabby Campagnola)  
**Subject:** Item 4D: 1326 Spring Valley Road Landscape Improvements – Golden Valley, MN  
BCWMC October 17, 2024 Meeting Agenda  
**Date:** October 10, 2024  
**Project:** 23270051.62 1020 2414

### 4D 1326 Spring Valley Road Landscape Improvements Golden Vally, MN BCWMC 2024-14

#### Summary:

**Proposed Work:** Landscape improvements  
**Project Proposer:** Property owner of 1326 Spring Valley Road  
**Project Schedule:** October/November 2024  
**Basis for Review at Commission Meeting:** Work in the floodplain  
**Impervious Surface Area:** Increase approximately 315 square feet  
**Recommendation for Commission Action:** Approval

#### General Project Information

The proposed project is located at 1326 Spring Valley Road in the Sweeney Lake subwatershed in Golden Valley. The work includes removal of an existing boulder wall and construction of a new boulder wall, sand beach, and patio, resulting in approximately 0.34 acres of disturbance. The project creates 315 square feet of new impervious surfaces and results in an increase of 315 square feet of impervious surfaces from 8,515 square feet acres (existing) to 8,830 square feet (proposed).

The initial submittal was received on September 23, 2024. The BCWMC engineer reviewed the submittal and provided comments to the City on October 2, 2024. Revised plans were submitted on October 4, 2024.

#### Floodplain

The proposed project includes work in the BCWMC (Sweeney Lake) 100-year floodplain. The BCWMC 100-year (i.e., 1% annual-chance of occurrence) floodplain elevation of Sweeney Lake is 831.8 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 21 cubic yards of excavation to create a sand beach and new patio. The proposed project will include 3 cubic yards of fill for grading the backyard and boulder

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**Page:** 2

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installation. Therefore, the proposed project will result in a net gain of approximately 18 cubic yards of floodplain storage, meeting the BCWMC requirements.

## **Wetlands**

There are no wetland impacts as part of the project.

## **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**

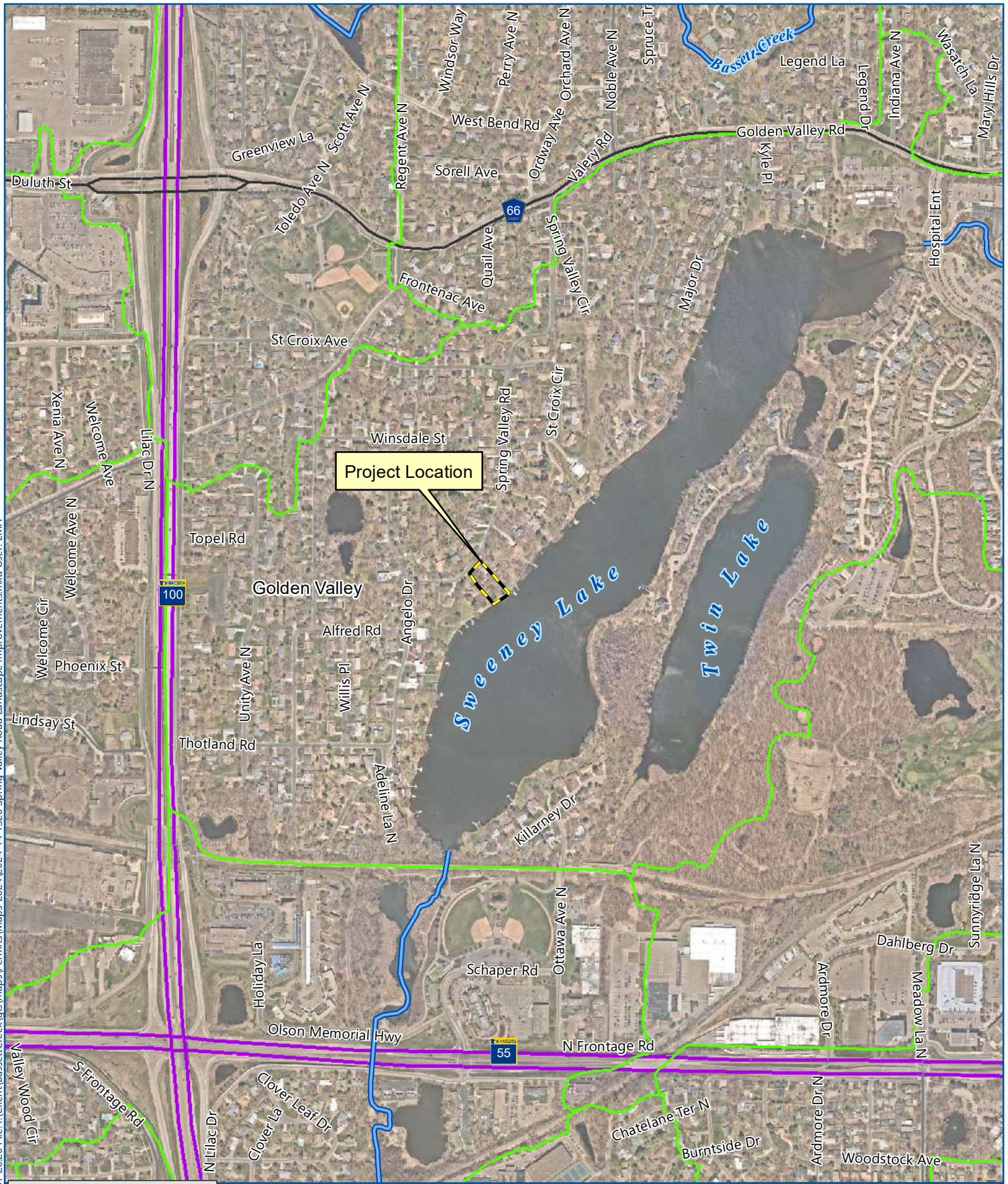
The proposed project does not create one or more acres of new and/or fully reconstructed impervious surfaces; therefore, BCWMC water quality review is not required.

## **Erosion and Sediment Control**

The proposed project involves a single-family home; therefore, BCWMC erosion and sediment control review is not required. However, the project proposes to use temporary erosion and sediment control features including a silt fence and floating silt curtain. Permanent erosion and sediment control features include stabilization with seed, sod, and coir logs.

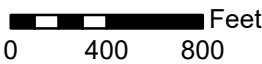
## **Recommendation for Commission Action**

Approval



**Project Location**

-  Project Location
-  Municipality
-  BCWMC Legal Boundary
-  Major Subwatershed
-  BCWMC Hydrologic Boundary



BCWMC 2024-14  
 1326 SPRING VALLEY ROAD  
 LANDSCAPE IMPROVEMENTS

Golden Valley, MN

**LOCATION MAP**