

# Memorandum

**To:** Bassett Creek Watershed Management Commission (BCWMC)  
**From:** Barr Engineering Co. (Jim Herbert, PE; Gabby Campagnola)  
**Subject:** Item 4E: 36<sup>th</sup> Avenue Rehabilitation – Plymouth, MN  
BCWMC February 20, 2025 Meeting Agenda  
**Date:** February 13, 2025  
**Project:** 23270051.65 1020 2425

## **4E 36<sup>th</sup> Avenue Rehabilitation – Plymouth, MN BCWMC 2024-25**

### **Summary:**

**Proposed Work:** Road reconstruction, trail improvements, utility improvements

**Project Proposer:** City of Plymouth

**Project Schedule:** Construction April 2025 to October 2025

**Basis for Review at Commission Meeting:** Linear project with more than five acres of disturbance

**Impervious Surface Area:** Increase 0.5 acres

**Recommendations for Commission Action:** Approval

## **General Project Information**

The proposed linear project is in the City of Plymouth, along 36<sup>th</sup> Avenue, within the Medicine Lake and Northwood Lake subwatersheds (see attached map for location). The proposed linear project includes street reconstruction, trail improvements, and utility improvements (including water main and storm sewer), resulting in 11.3 acres of proposed site grading (i.e., disturbance). The proposed linear project creates 8.2 acres of new and fully reconstructed impervious surfaces and an increase of 0.50 acres of impervious surfaces, from 7.7 acres (existing) to 8.2 acres (proposed).

The initial submittal was received January 16, 2025. The BCWMC engineer reviewed the submittal and provided comments to the city on January 29, 2025. Revised plans were received February 3, 2025.

## **Floodplain**

The proposed project does not involve work in the BCWMC 100-year floodplain; therefore, BCWMC floodplain review is not required.

## **Wetlands**

The City of Plymouth is the local government unit (LGU) responsible for administering the Wetland Conservation Act; therefore, BCWMC wetland review is not required.

## **Rate Control**

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

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## **Water Quality**

The proposed linear project does not create one or more acres of net new impervious surfaces; therefore, BCWMC water quality review is not required. However, the proposed linear project includes a filtration basin. The proposed filtration basin will treat runoff from approximately 1.25 acres, including new and fully reconstructed impervious surfaces and existing untreated impervious surfaces.

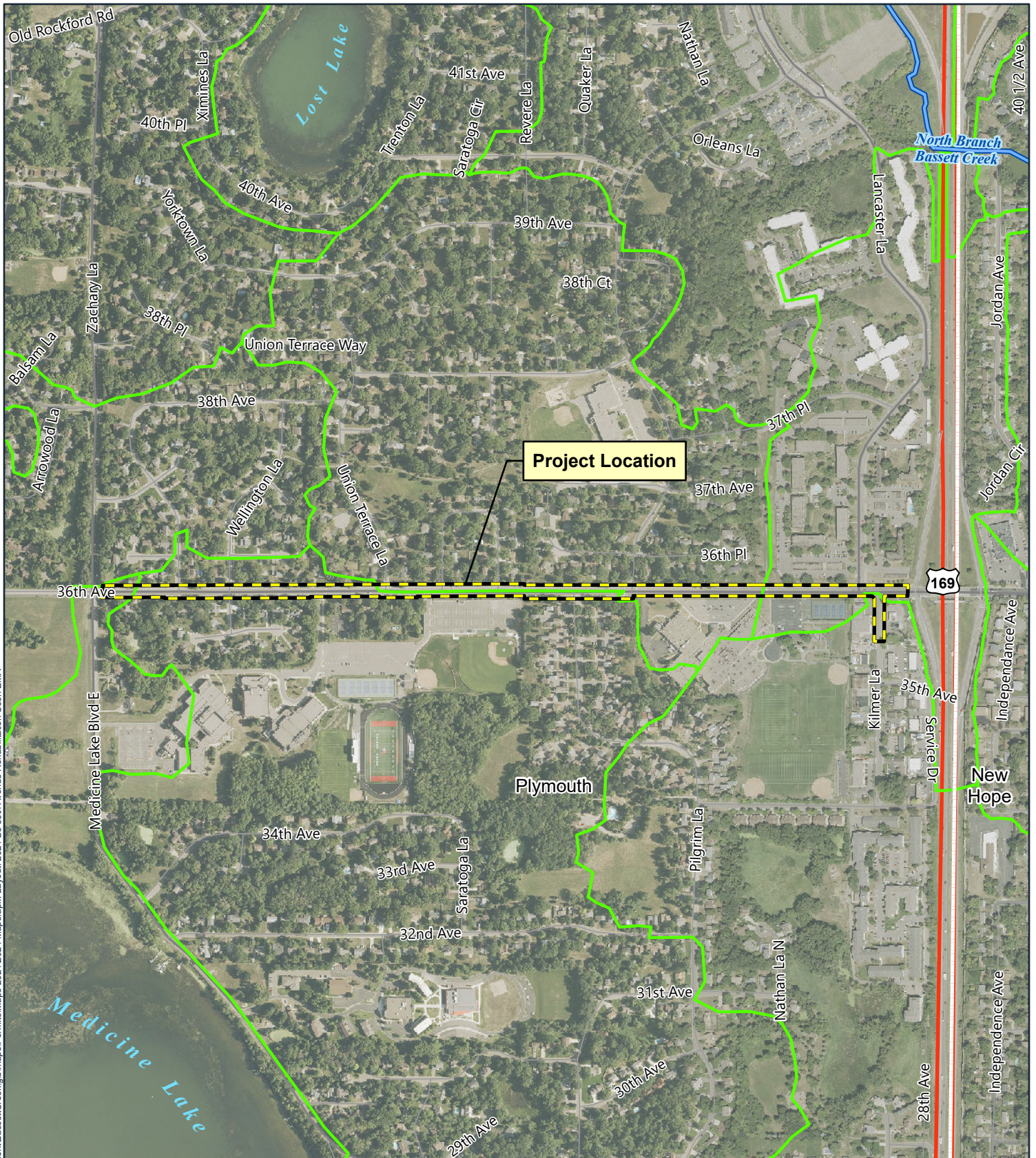
## **Erosion and Sediment Control**

The proposed linear project results in one or more acres 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, sediment control logs, silt fence, and storm drain inlet protection. Permanent erosion and sediment control features include stabilization with seed and blanket or hydromulch and seed.

## **Recommendation for Commission Action**

Approval





Project Location



Municipality



BCWMC Legal Boundary



BCWMC Hydrologic Boundary



Major Subwatershed



0 400 800  
Feet



**BCWMC 2024-25  
36th Avenue  
Rehabilitation  
Plymouth, MN**

LOCATION MAP

