

## Memorandum

**To:** Bassett Creek Watershed Management Commission (BCWMC)  
**From:** Barr Engineering Co. (Barr)  
**Subject:** Item 4E – Golden Valley 2019 Pavement Management Program (PMP) Project – Golden Valley, MN  
BCWMC March 21, 2019 Meeting Agenda  
**Date:** March 12, 2019  
**Project:** 23270051 2019 2179

### 4E Golden Valley 2019 Pavement Management Program (PMP) Project – Golden Valley, MN BCWMC 2019-02

#### Summary:

**Proposed Work:** Street reconstruction, stormwater improvements, sanitary sewer repairs, water main replacement, and associated site work

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

**Impervious Surface Area:** Decrease 0.25 acres

**Recommendation:** Conditional Approval

#### General Background & Comments

The proposed linear project is located at various locations in the Medicine Lake Direct, Bassett Creek Main Stem, and Sweeney Lake subwatersheds in Golden Valley, MN. The proposed linear project includes street reconstruction, storm sewer improvements, sanitary sewer repairs, water main replacement, and associated site work resulting in 11.03 acres of disturbance. The proposed linear project reduces the net impervious surfaces by 0.25 acres, from 5.89 acres (existing) to 5.64 acres (proposed).

#### 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 Golden Valley is the local government unit (LGU) responsible for administering the Wetland Conservation Act; therefore, BCWMC wetland review is not required.

#### Stormwater Management

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

## Water Quality Management

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

## Erosion and Sediment Control

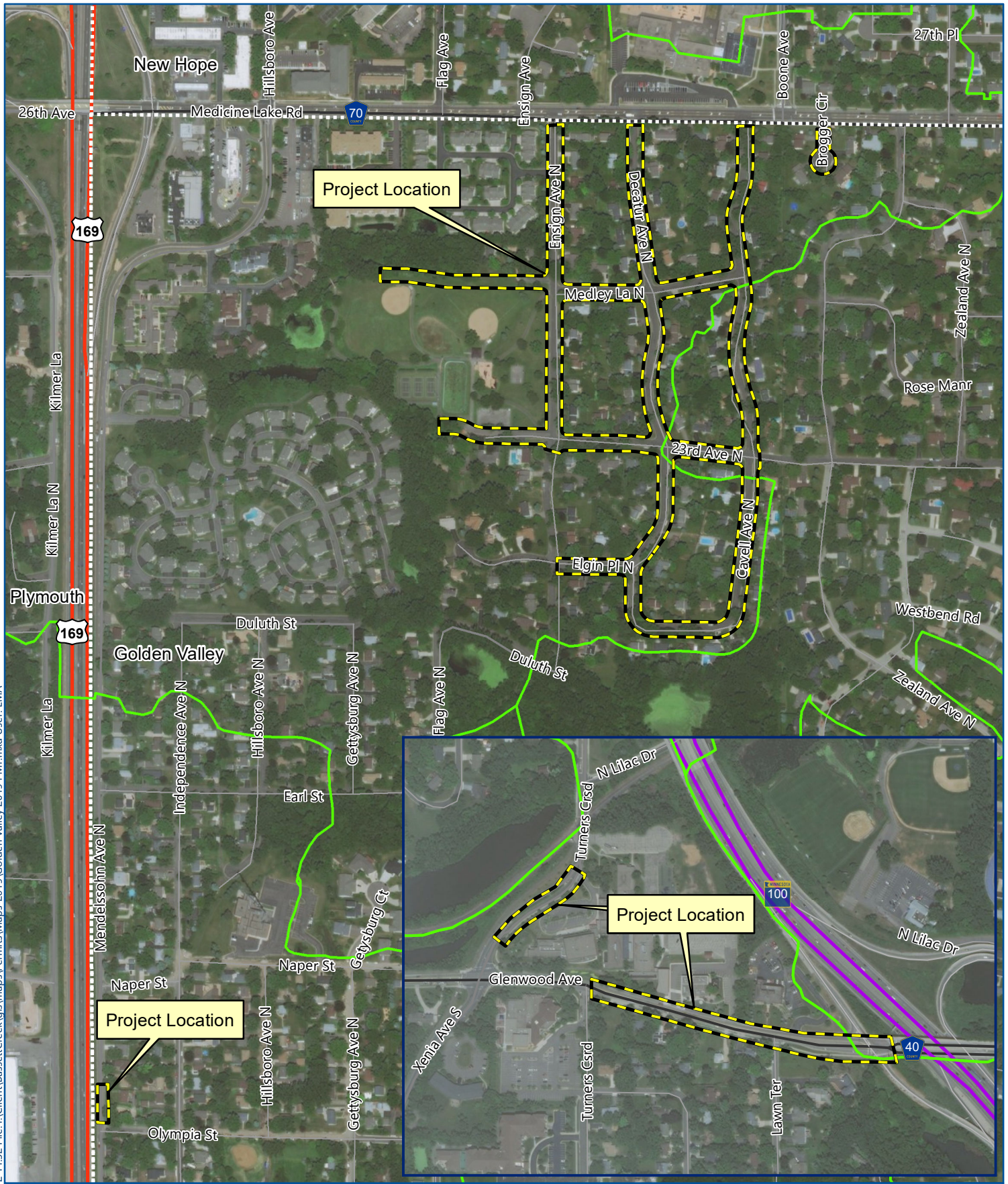
The proposed linear project results in more than one acre of land disturbance; therefore, the proposed linear project must meet the BCWMC erosion and sediment control requirements. Proposed temporary erosion and sediment control features include rock construction entrances, sediment control logs, silt fence, and storm drain inlet protection. Permanent erosion and sediment control features include stabilization with seed, sod, hydraulic mulch, and erosion control blankets.






## Recommendation

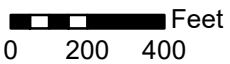
Conditional approval based on the following comments:

1. On sheets E3-E10, the locations of the rock construction entrances must be shown.
2. On Sheet D4, the cut-off berm shown in the *Rock Construction Entrance* detail must be modified to include a minimum height of 2 feet above the adjacent roadway (with maximum side slopes of 4:1) to intercept sediment-laden runoff.
3. On Sheet E2, the fifth note under *Erosion Prevention Measures and Timing* must be revised to require stabilization within seven (7) days after construction activity has ceased, due to the project's location within one mile of a special and/or impaired water body.
4. Inlet protection must be provided at the existing catch basins at the following locations:
  - a. At the northeast corner of the intersection of 23<sup>rd</sup> Avenue North and Cavell Avenue North (along north side of 23<sup>rd</sup> Avenue North).
  - b. At the northeast corner of the intersection of Medley Lane and Decatur Avenue North (along the north side of Medley Lane).
  - c. At the southeast corner of the intersection of Medley Lane and Decatur Avenue North (along the south side of Medley Lane).
5. The applicant should consider installation of sump manholes or other treatment or pretreatment BMPs to remove sediment and pollutants prior to discharge.
6. Revised plans (paper copy and final electronic files) must be provided to the BCWMC Engineer for final review and approval.





-  Project Location
-  Municipality
-  BCWMC Legal Boundary
-  Major Subwatershed
-  Bassett Creek



GOLDEN VALLEY 2019  
PAVEMENT MANAGEMENT  
PROGRAM (PMP) PROJECT  
Golden Valley, MN

LOCATION MAP