



Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 4E – Kilmer Park Street Reconstruction – Plymouth, MN
BCWMC April 19, 2018 Meeting Agenda
Date: April 11, 2018
Project: 23270051 2018 2155

4E Kilmer Park Street Reconstruction – Plymouth, MN BCWMC 2018-08

Summary:

Proposed Work: Excavation, Grading, Aggregate Base, Bituminous Paving, Bituminous Trail, Concrete Sidewalk, Concrete Curb & Gutter, Drainage, Turf Establishment, and Retaining Walls

Basis for Review at Commission Meeting: Linear Project Disturbing Over 5 Acres

Impervious Surface Area: Increase 0.38 Acres

Recommendation: Approval

General Background & Comments

The proposed linear project is located in the Medicine Lake Direct subwatershed in Plymouth, MN. The project includes the reconstruction of portions of 28th Avenue, Pilgrim Lane, Nathan Lane, Lancaster Lane, and Kilmer Lane. The proposed linear project includes excavation, grading, concrete curb and gutter, bituminous paving, storm sewer modifications, sanitary sewer repair, and water main replacement resulting in 7.70 acres of disturbance (grading). The proposed project results in an increase of impervious surface by 0.38 acres from 4.58 acres (existing) to 4.96 acres (proposed).

Floodplain

The proposed linear project does not involve work in the Bassett Creek floodplain.

Wetlands

The proposed linear project does not appear to involve work adjacent to wetlands.

Stormwater Management

The proposed linear project does not create one or more acres of net new impervious surfaces and therefore does not trigger the BCWMC requirements for rate control. The drainage patterns under existing and proposed conditions will remain similar; this project will not result in major changes to land use or topography.

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Water Quality Management

The proposed linear project does not create one or more acres of net new impervious surfaces and therefore does not trigger the BCWMC requirements for water quality treatment.

Erosion and Sediment Control

The proposed linear project creates more than one acre of land disturbance, therefore the project was submitted for erosion and sediment control review. Proposed temporary erosion and sediment control features include silt fence, rock construction entrances, and inlet protection. Permanent erosion and sediment control features include riprap, sod, seeding, and erosion control blanket.






Recommendation

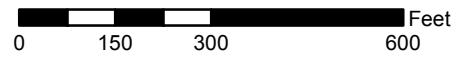
Approval.

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

-  Project Location
-  Municipality
-  Bassett Creek
-  WMC Boundary
-  Major Subwatershed



BCWMC #2018-08
Kilmer Park
Street Reconstruction
Plymouth, MN

LOCATION MAP