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.
**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.