

Memorandum

To: Bassett Creek Watershed Management Commission
From: Barr Engineering Co.
Subject: Item 4D – Theodore Wirth Welcome Center Utilities – Golden Valley
BCWMC June 16, 2016 Meeting Agenda
Date: June 8, 2016
Project: 23270051 2016 2067

4D Theodore Wirth Welcome Center Utilities – Golden Valley

Summary:

Proposed Work: Sanitary sewer and watermain construction to serve the new Adventure and Welcome Center in Theodore Wirth Park.

Basis for Commission Review: There will be work within the floodplain to connect to the existing MCES manhole, which is in the floodplain. No permanent fill will be placed.

Impervious Surface Area: No change

Recommendation: Approval

General Background & Comments

The proposed project consists of utility improvements including installation of watermain and sanitary sewer. The proposed sanitary sewer will be installed by directional boring and will cross approximately 7-ft. below the bottom of the Bassett Creek channel. The project is in the Bassett Creek Main Stem subwatershed in Theodore Wirth Park (south of the Plymouth Ave.). The proposed project is part of the Minneapolis Park and Recreation Board's Adventure and Welcome Center project (BCWMC 2016-01) approved administratively by the BCWMC during April, 2016. The proposed utility project includes approximately 1.28 acres of grading due to construction of directional boring pits, removal of manhole structures and installation of the watermain. The project results in no net change of impervious surface.

Floodplain

The floodplain elevation is 826 feet in Theodore Wirth Park at the project location. As noted, most of the sanitary sewer work will be performed by directional boring below the floodplain, minimizing disturbance by trenching or other open cut construction methods. Based on the plans and communications with the applicant, there will be no permanent fill placed within the Bassett Creek floodplain. Some temporary stockpiles may be placed in the floodplain during excavation of the directional boring pits and manhole structures.

Wetlands

The City of Golden Valley is the LGU for administering the Minnesota Wetland Conservation Act of 1991. Wetland impacts are not anticipated.

To: Bassett Creek Watershed Management Commission
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Subject: Item 4D – Theodore Wirth Welcome Center Utilities – Golden Valley
Date: June 8, 2016
Page: 2
Project: 23270051 2015 2057

Stormwater Management

Stormwater management issues were addressed during review of the Adventure and Welcome Center project (BCWMC 2016-01).

Water Quality Management

Water quality management issues were addressed during review of the Adventure and Welcome Center project (BCWMC 2016-01).

Erosion and Sediment Control

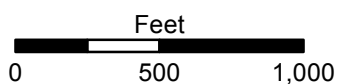
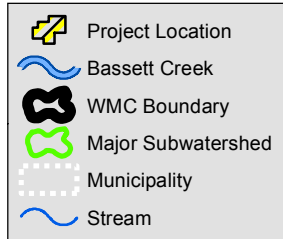
Proposed temporary erosion control features include silt fence, inlet protection, erosion control blankets, rock construction entrances and street sweeping.

Recommendation

Approval



Imagery Source: Aerial Express (2009)



**LOCATION MAP
APPLICATION 2016-22
Theodore Wirth Park
Utility Improvements
Golden Valley, MN**