



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4E: Bassett's Creek Park (North) Phase 1 Improvements – Minneapolis, MN
BCWMC July 16, 2020 Meeting Agenda
Date: July 8, 2020
Project: 23270051.48 2020 2222

4E Bassett's Creek Park (North) Phase 1 Improvements – Minneapolis, MN BCWMC 2020-17

Summary:

Proposed Work: Park improvements including new playground equipment, benches, tables, trails, sidewalks, planting beds, picnic areas, and a dog run with a fence

Basis for Review at Commission Meeting: Cut and fill in the floodplain

Impervious Surface Area: Increase 0.20 acres (including all bid alternates)

Recommendation: Approval

General Project Information

The proposed project is located in the Bassett Creek Main Stem subwatershed at three locations within Bassett's Creek Park (North) in Minneapolis. The proposed project results in 0.99 acres of grading (disturbance), does not result in any reconstructed impervious, and creates an increase of 0.20 acres of impervious (including all alternatives) from 0.03 acres (existing) to 0.23 acres (proposed).

Floodplain

The proposed project includes work in the Bassett Creek 1% (base flood elevation, 100-year) floodplain. The October 2019 BCWMC Requirements for Improvements and Development Proposals (Requirements) document states that projects within the floodplain must maintain no net loss in floodplain storage and no increase in flood level at any point along the trunk system (managed to at least a precision of 0.00 feet). The 1% (base flood elevation, 100-year) floodplain elevation of Bassett Creek varies in the project vicinity from 813.7 to 814.5 feet NAVD88.

The proposed project will result in approximately 0.3 cubic yards of fill and 1.8 cubic yards of cut in the floodplain for a net increase in floodplain storage of approximately 1.5 cubic yards. The proposed project does not result in an increase in flood level at any point along the trunk system.

Wetlands

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

Rate Control

The proposed project does not create one or more acres of new or fully reconstructed impervious surfaces; therefore, BCWMC rate control review is not required. Drainage patterns will generally remain the same between existing and proposed conditions.

Water Quality

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

Erosion and Sediment Control

The proposed project results in more than 10,000 square feet 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, silt fence, catch basin inlet protection, temporary seeding, and temporary mulch or erosion control blanket. Permanent erosion and sediment control features include stabilization with turf, native plantings, hardscapes, or playground mulch.

Recommendation

Approval



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



0 150 300 Feet



BCWMC #2020-17
 BASSETT'S CREEK PARK
 (NORTH) PHASE 1
 IMPROVEMENTS
 Minneapolis, MN
 LOCATION MAP