



## Memorandum

**To:** Bassett Creek Watershed Management Commission (BCWMC)  
**From:** Barr Engineering Co. (Barr)  
**Subject:** Item 4D: West Broadway Ave (CSAH81) Bridges Reconstruction – Minneapolis and Robbinsdale, MN  
BCWMC June 18, 2020 Meeting Agenda  
**Date:** June 8, 2020  
**Project:** 23270051 2020 2218

### 4D West Broadway Avenue (CSAH81) Bridges Reconstruction – Minneapolis and Robbinsdale, MN BCWMC 2020-13

#### Summary:

**Proposed Work:** Bridge, roadway, and trail reconstruction, and associated utility improvements including storm sewer

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

**Impervious Surface Area:** Decrease 0.23 acres

**Recommendation:** Approval

#### General Project Information

The proposed linear project is located at the northern extents of the Grimes Lake and Bassett Creek Main Stem subwatersheds, generally at and around the intersection of West Broadway Avenue (CSAH81), Theodore Wirth Parkway, Lowry Avenue (CSAH 153), and Oakdale Avenue in the cities of Minneapolis and Robbinsdale (see figure). The proposed linear project includes reconstruction of bridges, roads, and trails, and associated utility improvements including storm sewer. The proposed linear project results in 7.4 acres of grading (disturbance), creates 2.56 acres of fully reconstructed impervious surfaces, and results in a decrease of impervious surfaces from 3.64 acres (existing) to 3.41 acres (proposed) within the BCWMC jurisdiction.

#### Floodplain

The proposed linear project does not involve work in the BCWMC 100-year floodplain; therefore, BCWMC floodplain review is not required.

#### Wetlands

The proposed linear project does not appear to involve work in or directly adjacent to wetlands. BCWMC wetland review is not required.

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## **Rate Control**

The proposed linear project does not create one or more acres of net new impervious surfaces; therefore, BCWMC rate control review is not required. However, drainage patterns will generally remain the same between existing and proposed conditions, and the proposed project includes a reduction of impervious surfaces.

## **Water Quality**

The proposed linear project does not create one or more acres of net new impervious surfaces; therefore, BCWMC water quality review is not required. However, the proposed linear project includes a reduction of impervious surface and the applicant indicated that the project was designed to maximize the amount of runoff from CSAH81 that is routed to ditches and infield ponding areas in order to maximize pretreatment and sediment removal.

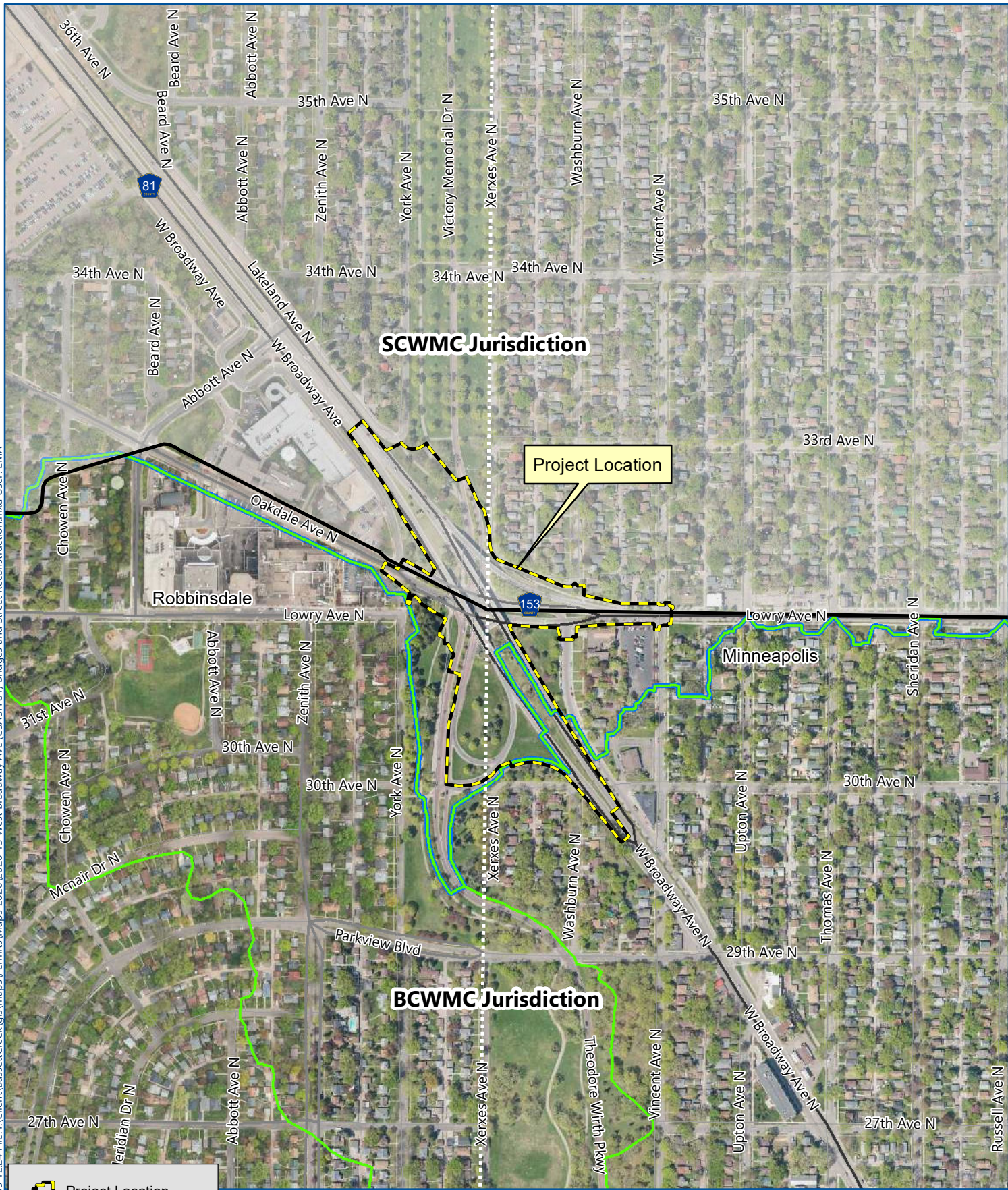
## **Erosion and Sediment Control**







The proposed linear project results in one or more acres 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, sediment control logs, silt fence, catch basin inlet protection, culvert inlet protection, rapid stabilization, and hydromulch. Permanent erosion and sediment control features include stabilization with seeding, hydromulch, and erosion control blanket.

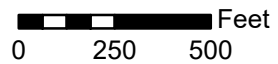
## **Recommendation**

Approval





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



**BCWMC #2020-13  
WEST BROADWAY AVE  
(CSAH81) BRIDGES AND  
STREET RECONSTRUCTION  
Minneapolis &  
Robbinsdale, MN  
LOCATION MAP**