



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4D: Courage Kenny Center Bridge Removal – Golden Valley, MN
BCWMC December 15, 2022 Meeting Agenda
Date: December 8, 2022
Project: 23270051.53 2022 2299

4D Courage Kenny Center Bridge Removal– Golden Valley, MN BCWMC 2022-19

Summary:

Project Proposer: Allina Health

Proposed Work: Removal of an existing pedestrian bridge

Basis for Review at Commission Meeting: Work involving Bassett Creek trunk system

Impervious Surface Area: Decrease 830 square feet

Project Schedule: January 2023

Recommendation for Commission Action: Conditional approval

General Project Information

We reviewed grading and demolition plans for the above referenced project. The proposed project is along the Bassett Creek Sweeney Lake Branch subwatershed at the Courage Kenny Rehabilitation Institute in Golden Valley. The proposed project includes removing a pedestrian bridge resulting in 1,800 square feet of disturbance and a decrease of impervious surfaces by 830 square feet.

The initial application and submittal were received November 14, 2022. The BCWMC engineer reviewed the submittal and provided comments to the city on November 30, 2020. The comments were addressed and revised plans were provided on December 2, 2022.

Floodplain

The proposed project includes work in the BCWMC 100-year floodplain. The 1% annual-chance (base flood elevation, 100-year) floodplain elevation along the Sweeney Lake Branch of Bassett Creek at the project site is 830.6 feet NAVD88. The February 2021 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 proposed project will increase floodplain storage by removing the existing bridge and abutments and not increase the 100-year flood level. Although, the proposed temporary check dam may increase water elevations during low flow events, the 100-year flood elevation should not be impacted because the pipe downstream of the project controls the water surface elevations in this area.

Lakes, Streams, and Wetlands

The City of Golden Valley 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.

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.

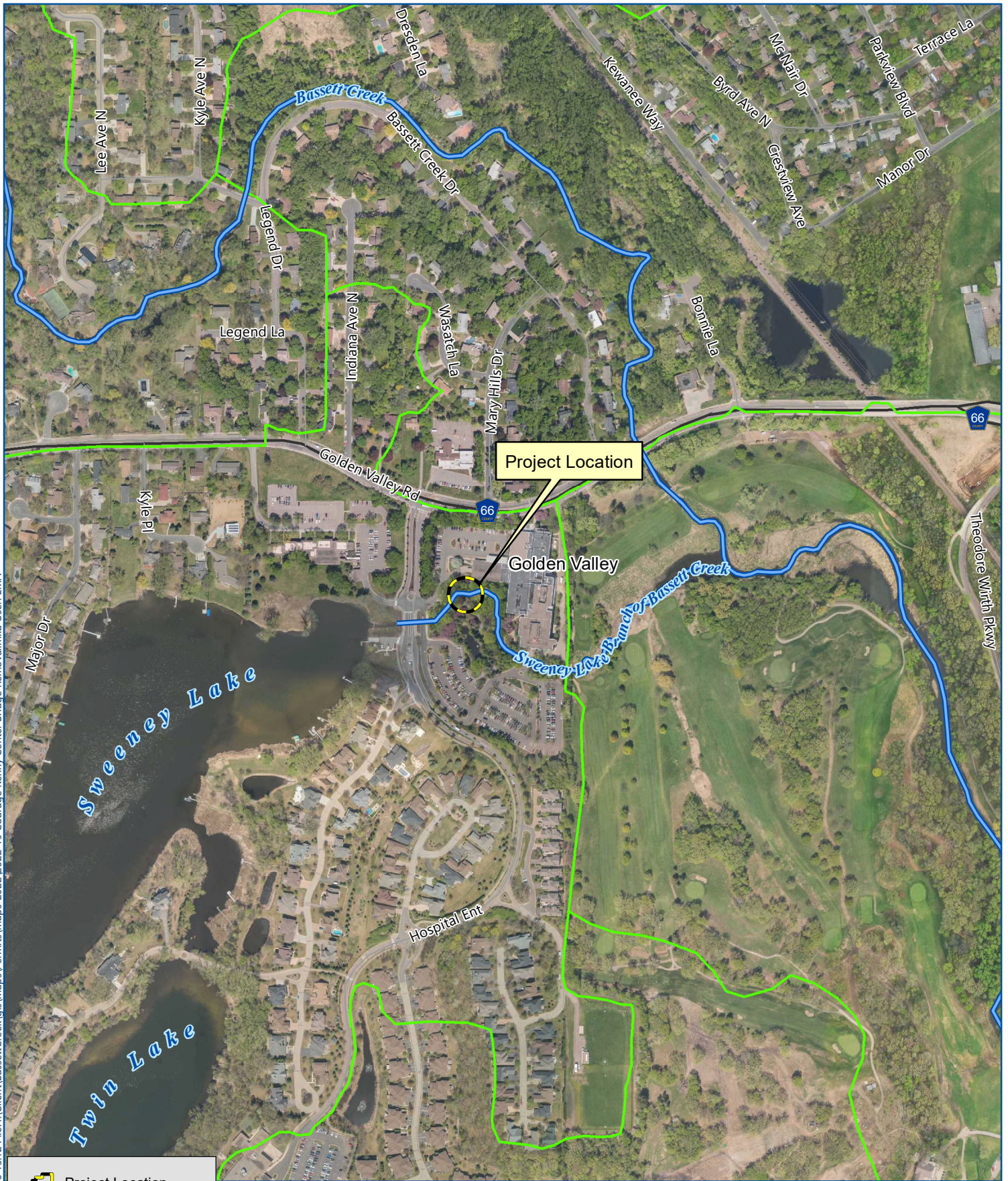
Erosion and Sediment Control

The proposed project does not result in more than 10,000 square feet of land disturbance; therefore, BCWMC review of erosion and sediment control is not required. However, the plans indicate the following temporary erosion control practices will be implemented: silt fence, temporary rock check dam and floatation silt curtain.

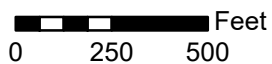
Recommendation

Conditional approval

1. Rock check dam and silt curtain must be removed from the creek channel after the project has been completed.



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



BCWMC #2022-19
COURAGE KENNY CENTER
BRIDGE REMOVAL
Golden Valley, MN

LOCATION MAP