



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4F: 4930 Markay Ridge Retaining Wall (Van Heest Property)
Golden Valley, MN
BCWMC November 18, 2020 Meeting Agenda
Date: November 10, 2020
Project: 23270051.48 2020 2231

4F 4930 Markay Ridge Retaining Wall (Van Heest Property) - Golden Valley, MN BCWMC 2020-26

Summary:

Proposed Work: Single-family home retaining wall and deck replacement

Basis for Review at Commission Meeting: Work in the floodplain

Impervious Surface Area: No change

Recommendation: Approval

General Project Information

The proposed project is in the Bassett Creek Main Stem subwatershed at a single-family home at 4930 Markay Ridge in Golden Valley. The proposed project includes removal and replacement of a retaining wall, wood deck, and pool deck resulting in 1,540 square feet of disturbance. The proposed project will not result in any change in impervious surfaces.

Floodplain

The proposed project includes work in the BCWMC 1% (base flood elevation, 100-year) floodplain of Bassett Creek. 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 adjacent to the project is 842.8 feet NAVD88. A portion of the existing retaining wall is in the 100-year BCWMC floodplain. The existing retaining wall will be removed and replaced in the same location, therefore no cut or fill is proposed in the floodplain.

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.

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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

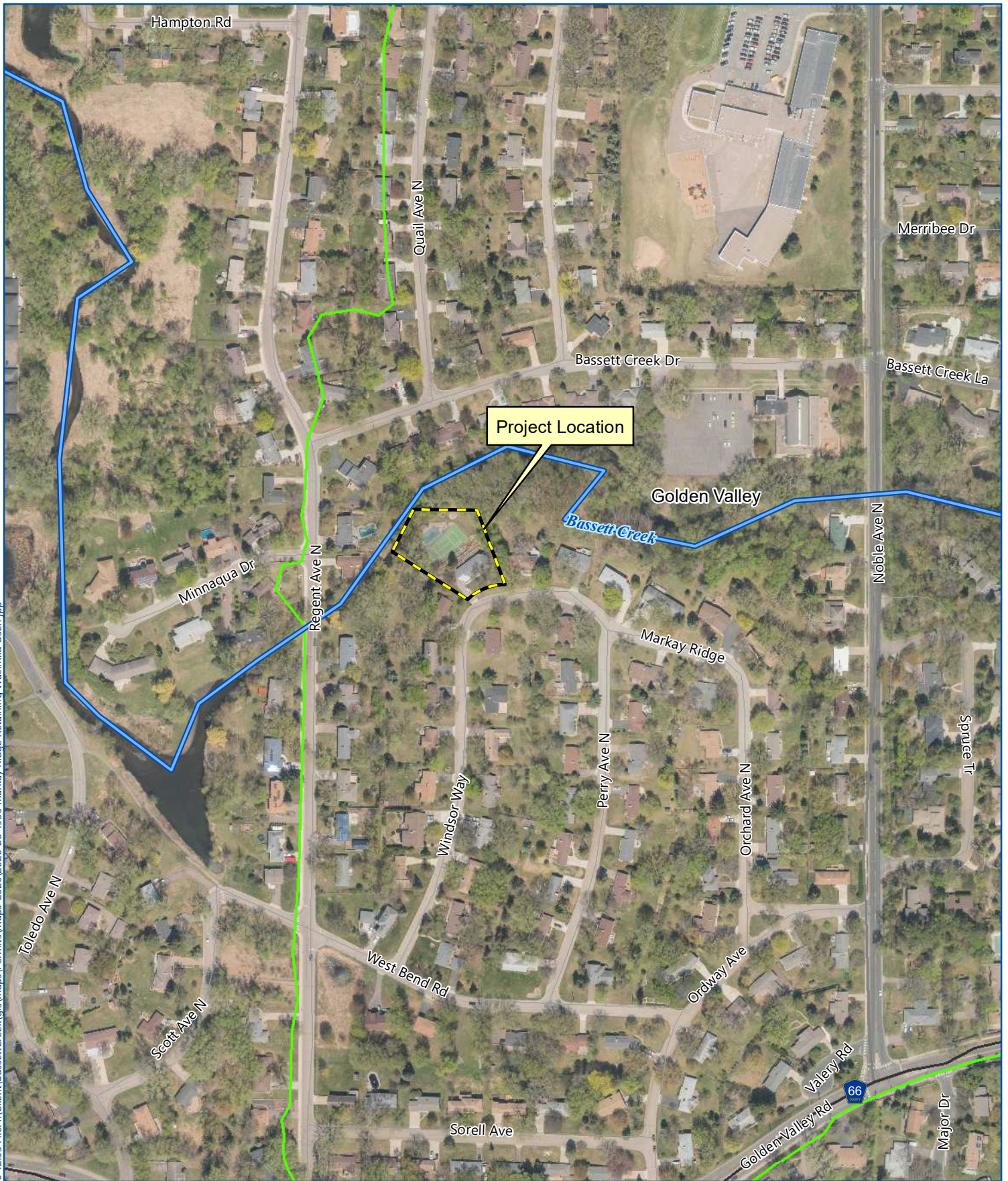
The proposed project does not create one or more acres of new or fully reconstructed impervious surfaces; therefore, BCWMC water quality review is not required.






Erosion and Sediment Control

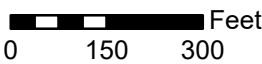
Single family homes are exempt from BCWMC erosion and sediment control requirements.

Recommendation

Approval



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



BCWMC #2020-26
4930 MARKAY RIDGE
RETAINING WALL
Golden Valley, MN

LOCATION MAP