

ITEM #: 14
DATE: 01-23-24
DEPT: PW

COUNCIL ACTION FORM

SUBJECT: 2021/22 STORM WATER EROSION CONTROL (BLOOMINGTON WATERWAY CHANNEL AND BANK STABILIZATION) AND 2021/22 STORMWATER QUALITY IMPROVEMENTS

BACKGROUND:

The Storm Water Erosion Control program provides for stabilization of areas that have become eroded in streams, channels, swales, gullies, or drainage ways that are part of the stormwater system. This program provides a more permanent control of the erosion and will reduce recurring maintenance costs in these areas.

The Stormwater Quality Improvements program addresses removal of sediment and nutrients. This program includes installation of bioretention cells, vegetated swales, native landscape and rain gardens, soil quality restoration, and other approved best management practices at various locations across the community. Improvements are aligned with the Iowa River Restoration Toolbox practices for natural channel design.

The location for this project is the Bloomington Waterway from Hyde Avenue to Harrison Road. The waterway has continued to erode toward adjacent townhomes. The sediment and nutrients flow east into Ada Hayden Heritage Park wetlands. This project involves stabilization and relocation of a portion of the waterway to protect adjacent townhomes and prevent migration of nutrients and sediment into the wetlands.

Staff sent letters to all impacted residents and met with several property owners to obtain input regarding staging, construction access, and construction timing. Comments were received and incorporated into the project design.

Bolton & Menk, Inc. of Ames, Iowa and City staff have completed plans and specifications for this project. Revenue and expenses associated with this program are estimated as follows:

	Revenue	Expenses
Stormwater Erosion Control Program (Stormwater Utility Fund)	\$ 250,000	
Stormwater Quality Improvements (Stormwater Utility Fund)	\$ 100,000	
Construction		\$ 280,000
Engineering/Administration (Est.)		\$ 70,000
	\$ 350,000	\$ 350,000

ALTERNATIVES:

1. Approve the plans and specifications for the 2021/22 Storm Water Erosion Control (Bloomington Waterway Channel and Bank Stabilization) and 2021/22 Stormwater Quality Improvements project and establish February 21, 2024 as the date of letting and February 27, 2024 as the date of report of bids.
2. Direct staff to pursue changes to the project.

CITY MANAGER'S RECOMMENDED ACTION:

Approving these plans and specifications will result in more permanent control of the erosion and will reduce recurring maintenance costs. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.

ATTACHMENT(S):

[Bloomington Waterway Key Map.png](#)