

**COUNCIL ACTION FORM**

**SUBJECT: 2016/17 STORM WATER EROSION CONTROL PROGRAM (S. SKUNK RIVER – CARR PARK TO HOMEWOOD GOLF COURSE)**

**BACKGROUND:**

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

The location for this year's program along the South Skunk River adjacent to Carr Park, Homewood Golf Course and Inis Grove Park. The eroding river bank along this area needs to be stabilized due to failed sheet piling. The increasing erosion is negatively impacting the existing shared use path in the area through settlement, and is also putting into jeopardy the existing sanitary sewer in the same location. The slope above the shared use path is eroding and needs to be stabilized. Small drainage improvements along other portions of the shared use path also need to be made to minimize water on the path.

Staff has been working with RDG Planning & Design of Des Moines, Iowa on this project. Plans and specifications have been completed for this project which has been divided into two separate contracts to allow site restoration to be handled with a specialized contractor. The first base bid contract covers the stabilization and associated construction work at an estimated \$577,219. This first contract also includes 4 base bid alternates for various locations of trail pavement replacement. The second contract includes site restoration at an estimated cost of \$86,875. The base bids for the two contracts total \$664,094. Engineering and construction administration costs are estimated at \$132,819, bringing the **total estimated cost for the project to \$796,913**. The bid alternates are not reflected in the estimated project expenses, as they will be added only as available funding allows.

This Storm Water Erosion Control project is shown in the 2016/17 Capital Improvements Plan with funding in the amount of \$250,000 in General Obligation Bonds and \$500,000 in Storm Sewer Utility Funds. Additional unobligated General Obligation Bonds from previously completed projects in the amount of \$50,000 brings the **total funding available to \$800,000**.

Staff, along with RDG Planning & Design, has held a project informational meeting for the project. The main comment incorporated into the project design was to minimize any adverse effects the river stabilization techniques had on users of the S. Skunk River.

**ALTERNATIVES:**

1. Approve the plans and specifications for the 2016/17 Storm Water Erosion Control Program (S. Skunk River – Carr Park to Homewood Golf Course) project and establish December 6, 2017, as the date of letting and December 12, 2017, as the date for report of bids.
2. Do not approve this project.

**MANAGER'S RECOMMENDED ACTION:**

By approving these plans and specifications, it will be possible to stabilize multiple areas along the S. Skunk River and further protect our sanitary sewer in the area.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.