

## COUNCIL ACTION FORM

**SUBJECT: 2008/09, 2009/10, AND 2010/11 STORM SEWER OUTLET EROSION CONTROL PROJECTS (COLLEGE CREEK)**

### **BACKGROUND:**

The City's Public Works Department, in partnership with Iowa State University Landscape Architecture scientists, was awarded a grant from the State's Watershed Improvement Review Board (WIRB) for improvements to College Creek. On January 8, 2008, City Council approved the WIRB grant agreement.

The grant, titled "Establishing and Monitoring Stream Stabilization Practices for Water Quality Enhancement," was in the amount of \$304,335 over a three-year term from FY 2008/09 through 2010/11. **This portion of the project was for stream channel and bank stabilization, as well as riparian enhancement along College Creek from Thackeray Avenue to South Dakota Avenue.** The water quality enhancement goal of this project was to reduce sediment delivery specifically from unstable stream banks and degrading stream channels on College Creek.

This program also redirected urban storm water runoff into engineered systems, intercepting it from storm drains entering College Creek. The program was built on storm water runoff demonstration projects already funded in the College Creek sub-watershed by EPA Region 7 and the Iowa Department of Natural Resources.

Public outreach was built into each phase of this program, including holding neighborhood learning circles over the past two years to educate residents and receive feedback to consider in design. A public meeting was held where staff, the consultant, and specialists from the Iowa Department of Agriculture and Land Stewardship walked the creek corridor with interested residents to identify which trees would be removed and which stabilization measures would be placed adjacent to their respective properties. Follow-up meetings were also held with additional, individual residents within the project corridor. Continuing contact was made with residents throughout construction to ensure their questions were answered.

On June 22, 2010, City Council awarded the contract to Sunram Construction, Inc. of Corcoran, Minnesota, in the amount of \$317,596.50. On December 14, 2010, Council approved Change Orders No. 1, 2, and 3 in the amount of \$47,411.45. Construction has been completed in the amount of \$348,504.61 stream channel and bank stabilization, shared use path improvements, and riparian enhancement.

Final actual expenses for all phases of the three-year project are outlined below:

Stream Channel and Bank Stabilization	\$274,843
Shared Use Path Pavement Improvements	\$ 54,279
Storm Water BMP Installation (e.g., bio-retention basins)	\$ 20,250
Riparian Enhancement	\$ 19,383
Water Quality Monitoring (in-pipe and in-stream equipment)	\$ 17,107
Water Quality Monitoring (water sample analysis)	\$ 8,244
Information/Education, Engineering and Project Admin.	<u>\$164,550</u>
Total:	\$558,656

Funding was included in the amount of \$300,000 from the FY 2008/09, 2009/10, and 2010/11 Storm Sewer Outlet Erosion Control programs, \$50,000 from the 2010/11 Shared Use Path Pavement Improvements, \$4,279 additional from the 2006/07 Pedestrian Walkway Program, \$20,000 from the Public Works Operations budget, \$20,000 of in-kind services from ISU, and \$304,345 from the WIRB grant. This brought total project funding to \$698,645. Remaining funds will be used on additional drainage improvement projects.

**ALTERNATIVES:**

1. Accept the 2008/09, 2009/10, and 2010/11 Storm Sewer Outlet Erosion Control projects (College Creek) as completed by Sunram Construction, Inc. of Corcoran, Minnesota, in the amount of \$348,504.61.
2. Direct Staff of pursue modifications to the project.

**MANAGER'S RECOMMENDED ACTION:**

This extensive, three-year project has now been completed, and serves as an excellent example of best stormwater management practices in the community.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the 2008/09, 2009/10, and 2010/11 Storm Sewer Outlet Erosion Control projects (College Creek) as constructed by Sunram Construction, Inc. of Corcoran, Minnesota, in the amount of \$348,504.61.