

COUNCIL ACTION FORM

SUBJECT: **SQUAW CREEK PEDESTRIAN BRIDGE**

BACKGROUND:

The Squaw Creek Pedestrian Bridge was heavily damaged by the 2010 flood, and was out of service for a lengthy period of time following the flood. **This project was for replacement of the existing bridge with a pre-engineered steel truss bridge like those used throughout the remainder of the trail system. This bridge can be reused at a different location in the trail system when the bridge is removed to facilitate the Grand Avenue Extension.**

In order to meet Iowa Department of Natural Resources requirements to eliminate backwater, a longer than originally anticipated bridge span was required in order to prevent water from backing up on private property upstream from the bridge. The project also included armoring of the stream banks in the work area. This was not originally planned, but was important due to the uncertain timing of the Grand Avenue Extension project.

On August 24, 2012, Council awarded this project to Iowa Bridge & Culvert, LC of Washington, Iowa, with a bid cost of \$279,335.60. Construction was completed in the amount of \$285,089.67. Two change orders were subsequently processed for this project. The first change order in the amount of \$5,405.00, which was administratively approved by staff, included changes to the bridge design to support loading due to forces from an increased flood event. The second change order in the amount of \$349.07 balanced the actual field installed quantities. Engineering and administration costs were \$42,763, bringing overall project costs to \$327,852.67.

Funding is shown in the Capital Improvements Plan in the amount of \$400,000 from the 2012/13 General Obligation Bond Issue. Staff applied for and received funding from FEMA in the amount of \$54,700 after the contract award. FEMA will reimburse up to 85% of the \$54,700 amount, or \$46,495. This brings the City's responsibility to \$281,357.67. The additional GO Bond funds savings from this project will be applied to other flood related projects, specifically the Flood Damage – Bank Erosion project (near 326 N. Riverside and Stuart Smith Park).

ALTERNATIVES:

1. Accept the Squaw Creek Pedestrian Bridge Project as completed by Iowa Bridge & Culvert, LC, of Washington, Iowa, in the amount of \$285,089.67.
2. Direct staff to pursue modifications to the project.

MANAGER'S RECOMMENDED ACTION:

This project restored an important link in the City's north-south trail system that has been unavailable to the public for two years. The project is now completed in accordance with approved plans and specifications, and is within the approved budget.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby accepting the Squaw Creek Pedestrian Bridge Project as completed by Iowa Bridge & Culvert, LC, of Washington, Iowa, in the amount of \$285,089.67.