

COUNCIL ACTION FORM

SUBJECT: SOUTHEAST 16TH STREET PAVING AND BRIDGE REPLACEMENT PROJECT

BACKGROUND:

This project was for paving the gravel portion of Southeast 16th Street from the Dayton Avenue/U.S. Highway 30 interchange to approximately two blocks east of South Duff Avenue, as well as constructing a bridge over the Skunk River. A shared use path was also paved on the north side of the roadway.

On February 27, 2007, City Council awarded the contract to Peterson Contractors, Inc. in the amount of \$3,599,280.20. Considering engineering/construction administration fees and permanent easement areas for wetland mitigation and future trail, total estimated costs were \$3,942,934. Funding included \$3,200,000 from General Obligation (G.O.) Bonds and \$1,500,000 from Property Owner Assessments, bringing total project funding to an amount of \$4,700,000.

Change Order No. 1, in the amount of \$17,791.40, was approved by staff for costs associated with the relocation of the overhead electric lines on the project. Due to soil conditions, some poles required drilling and installation of casing to maintain soil stability for the installation. These costs are funded through the City's Electric Utility.

Change Order No. 2, in the amount of \$6,748.43, was approved by staff for costs associated with installing additional safety fence for the bridge installation, removal of an underground river monitoring station that was discovered during bridge excavations, additional clearing and grubbing, and installing a pipe outlet through an existing erosion fence along the west bank of the river.

Change Order No. 3, in the amount of \$16,847.50, was approved by staff for costs associated with additional traffic control for the bridge construction due to a vehicle entering the work zone after hours and driving off the bridge, an additional driveway installation for a property owner, and cold weather protection for concrete per specifications. Also included was the rental of a drill and auger for the City's Electric Department needed for the relocation of the overhead electric lines. This cost was funded through Electric Utility.

Change Order No. 4, in the amount of \$33,590.76, is for items related to the clean up from the spring floods of 2008. The work included removal of trees from underneath the bridge, removal of dirt and silt deposited on the project site, restoration of the parking lot and canoe access, as well as flood mitigation on the east bank of the river, south of the bridge. **All of this work has been approved and funded by FEMA.** The clean up and

restoration portion of the work was approved up to \$60,473.12 with a total expenditure of \$24,169.15. The flood mitigation was approved up to \$8,939.96 with a total expenditure of \$9,421.61. The overage for mitigation work of \$481.65 beyond the FEMA authorization will be absorbed within the project budget.

To date, the costs associated with this project include:

Foth/Engineering Alliance (Engineering Services)	\$ 264,650.00
Permanent Easement (Bradshaw Farms)	\$ 13,654.00
Peterson Contractors, Inc. (Construction Contract)	\$3,599,280.20
Peterson Contractors, Inc. (Change Orders No. 1, 2, 3)	\$ 41,387.33
Peterson Contractors, Inc. (Change Order No. 4 FEMA)	\$ 33,590.76
Less amount funded by City of Ames Electric Dept.	\$ (18,578.90)
Annual Wetland Monitoring (per USACE permit) (estim.)	\$ 15,000.00
Engineering and Construction Administration (estimate)	<u>\$ 175,000.00</u>
Total	\$4,123,983.39

ALTERNATIVES:

1. Approve Change Orders No. 1, 2, 3, and 4 for the Southeast 16TH Street Paving and Bridge Replacement Project in the amount of \$74,978.09.
2. Direct staff to pursue modifications to the project.

MANAGER’S RECOMMENDED ACTION:

It is the recommendation of the City Manager that the City Council adopt Alternative No.1, thereby approving Change Orders No. 1, 2, 3, and 4 for the Southeast 16TH Street Paving and Bridge Replacement Project in the amount of \$74,978.09.