

COUNCIL ACTION FORM

SUBJECT: SOUTH GRAND AVE – SOUTH 5TH TO SQUAW CREEK DR AND
SOUTH 5TH ST – SOUTH GRAND AVE TO 600' WEST OF SOUTH
DUFF AVE. – CHANGE ORDER NO. 1

BACKGROUND:

This project is part of the extension of South Grand Avenue from S 3rd Street to S 16th Street and associated projects to extend S 5th Street and for intersection improvements at S 16th Street/S Duff Avenue. The projects have been broken into three phases to allow for potential flexibility in timing of construction and funding. The phases are:

- 1) S. 5th St extension and the portion of S. Grand Ave from Squaw Creek Drive (the existing dead end) to S. 5th St.
- 2) S Grand Ave South of S. 5th Street (this portion includes two bridges to accommodate Squaw Creek under the roadway).
- 3) Reconstruction and widening additional turn lanes at S. Duff Ave and S. 16th St.

This project includes extension of South 5th Street from South Grand Avenue to South Duff Avenue (Phase 1 described above). On September 11, 2019, City Council awarded the contract to Peterson Contractors, Inc. of Reinbeck, Iowa, in the amount of \$3,159,304.15. This project funding source includes Iowa Department of Transportation (DOT) Surface Transportation Program (STP) and Federal/State Grant funds, the project was let by Iowa DOT on July 16, 2019.

During construction, the contractor discovered that the existing sanitary sewer main that the plans indicated to be at the outlet of the proposed box culvert is 1.25' higher than originally anticipated. Raising the box culvert would not resolve this problem since storm water would be backed up. The solution to this problem is accomplished by this change order to remove and replace the existing sanitary sewer located at the outlet of the proposed box culvert with a cast-in-place 3'x1' box pipe with structures on both sides in the amount not to exceed \$77,362.49.

The summary of the revised revenues and expenses for this project are shown below:

| Activity | Expenses | Revenue |
|--|------------------------|---------------------|
| Engineering (overall total w/amendments) | \$2,625,350.00 | |
| South 5 th Street Project (Awarded) | \$3,159,304.15 | |
| S Grand Extension (Awarded) | \$9,368,716.27 | |
| S 16 th St/S Duff project (Estimated) | \$3,000,000.00 | |
| Change Order No. 1 | \$77,362.49 | |
| GO Bonds | | \$11,580,000 |
| MPO/STP Funds (\$4,300,000 in CIP) | | \$5,500,000 |
| Federal/State Grants (\$4,273,000 in CIP) | | \$2,791,485 |
| TOTAL | \$18,230,732.91 | \$19,871,485 |

ALTERNATIVES:

1. Approve Change Order No. 1 in the amount not to exceed \$ 77,362.49.
2. Direct staff to pursue changes to the project.

MANAGER'S RECOMMENDED ACTION:

By approving this change order, it will result in lower maintenance costs on the box culvert and improved area drainage. **Even with the addition of this change order, the program expenses still are estimated to be below the Capital Improvement Plan funding amount.**

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