

# City Council Agenda Memo

**From:** Jackie Lanning, City Engineer  
**Council Meeting:** May 12, 2020  
**Subject:** Resolution 20-047, Change Order No. 1 for the 20<sup>th</sup> Street S. Improvement Project; Bowes Construction Co. Inc.  
**Person(s) Responsible:** Jackie Lanning, City Engineer

## **Summary:**

This resolution will approve Change Order No. 1 for the 20<sup>th</sup> Street South Project to increase the contract by \$45,130.00 for drain tile and storm sewer work and will extend the substantial completion date by two (2) working days for completion of the additional work.

## **Background:**

This project is the reconstruction of 20<sup>th</sup> Street South from Main Avenue to Rio Grande Avenue. The project involves storm sewer, water main, sanitary sewer, grading, curb & gutter, asphalt paving and a new 8'-wide concrete shared use path along the south side of the street. The project also includes new storm sewer along Rhonda Road. The project is phased over a two-year period and is scheduled to be completed by October, 2020.

## **Item Details:**

It was found that the water table is very high in the area along 20<sup>th</sup> Street South between Rio Grande Avenue and Western Avenue. The water table was measured during project borings in 2011 and it was approximately 11' deep at that time and it is currently approximately 4' deep. The geotechnical staff recommended installing drain tile under the curb and gutter along both sides of 20<sup>th</sup> Street South between Western Avenue and Rio Grande Avenue to dewater and stabilize the subgrade. The contractor will use the City's surplus pea rock from the 2019 Chip Seal Project to backfill the drain tile. Staff also identified one location near Half Moon Road that will require a storm drain inlet to improve drainage. The total cost of the drain tile and storm inlet will be an increase of \$45,130.00 to the contract which will be paid for by the drainage fund. The change order will also extend the substantial completion date by 2 working days.

The change order summary is as follows:

Original Contract Price:	\$3,241,110.70
Increase from Previously Approved Change Order:	\$0.00
Contract Price Prior to this Change Order:	\$3,241,110.70
Increase of this Change Order (No. 1):	\$45,130.00

Contract Price Incorporating This Change Order: \$3,286,240.70

**Legal Consideration:**

SDCL 5-18B-19 allows for a change order up to \$250,000 for this size of contract. The change order proposed is within the change order limit allowed by statute.

**Strategic Plan Consideration:**

This change order will aid in the longevity of the street segment, thereby protecting the City's investment.

**Financial Consideration:**

The contract will increase by \$45,130.00 which will be funded by the drainage fund.

**Options and Recommendation:**

The City Council has the following options:

1. Approve as presented
2. Deny

Staff recommends approval of the resolution as presented.

**Supporting Documentation:**

1. Resolution
2. Map