

January 5, 2015

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
**Subject: Cross-town Connector Project
Downtown Realignment & Revitalization
Phase II Project – Approve Change Order #4**



ACTION: For vote Monday, January 12, 2015

Brief History

On March 22, 2010, Council awarded a contract with Snyder & Associates for the Downtown Realignment Traffic Impact Study. On August 9, 2010 Council approved Amendment #1 with Snyder & Associates for the preparation of the TIGER II grant application (paid from TIF funds.) On November 22, 2010 Amendment #2 was approved by Council for the preparation and submittal of the concept statement for the Iowa Department of Transportation.

On May 9, 2011, Council approved an Amendment with Snyder to complete preliminary design services for the Cross-town Connector Phase 1 project between 8th Street and 13th Street for an approved fee of \$292,000.

On November 28, 2011, Council approved an agreement with Snyder & Associates for the preliminary design of Cross-town Connector Phase II project between 4th Street and 8th Street for an approved fee of \$237,100. Then on March 24, 2014 Council approved an amendment to complete the final design, bidding services and construction administration services for the Phase II project in the amount of \$207,300. This amendment also includes the design and plans for the traffic signal removals in the downtown area as proposed in the Downtown Realignment Traffic Impact Study.

At the May 27, 2014 Council meeting a bid letting date was set for June 18, 2014 at 3:00 pm and a public hearing was set for June 23, 2014 at 6:00 pm.

On June 18, 2014 at 3:00 pm bids were received for this project. One bid proposal was received and opened from Wicks Construction, Decorah, Iowa in the amount of \$3,806,344.40

Council awarded the contract to Wicks Construction on June 23, 2014.

During construction of the new water main between South 6th Street and South 7th Street, 22 truckloads of unsuitable material were required to be removed. Change Order #1 was necessary to reimburse the Contractor for this unforeseen work. Change Order

#1 was approved by Council on September 22, 2014, increased the contract price by \$4,114.00 and brought the total contract amount to \$3,810,458.40.

On October 27, 2014, Council approved Change Order #2 to reimburse the Contractor for tying roof drains into the storm sewer that were not included in the bid documents and running temporary power to parking lot light poles. Change Order #2 increased the contract price by \$3,938.00 and brought the total contract amount to \$3,813,396.40.

On November 24, 2014, Council approved Change Order #3 to reimburse the Contractor for the removal of 15 traffic signals at 1st Avenue North and 1st Avenue South. Change Order #3 increased the contract price by \$66,025.05 and brings the total contract amount to \$3,880,421.45.

Analysis of Issue

Change Order #4 is necessary to tie in an existing 8" storm sewer that was not identified prior to construction between South 7th Street and South 8th Street along 1st Avenue South. This work included running 54' of 8" pipe, tying in roof drains from the LEC, running 160' of 18" storm line from South 8th Street south a half block to the alley, constructing a complex cast-in-place structure to collect stormwater from the alley. Additionally, the LEC sanitary sewer service was constructed with a clean-out to provide ease of maintenance due to an abundance of foreign debris that enters their sanitary service lines from the County Jail laboratories. Finally, two temporary stop signs were installed to open 1st Avenue South for the winter. Change Order #4 increases the contract price by \$15,138.86 and brings the total contract amount to \$3,895,560.31.

Budget Impact

The construction of this project will be paid from the Cross-town Connector construction fund. Revenue for this fund comes from several different funding sources including IDOT RISE, 3R, U-STEP, and I-JOBS revenue, GO Bonds, LOST, TIF revenue, and SSMID revenue.

Strategic Plan Impact

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefited by advanced planning shall include, at minimum, schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation, and greenways.

Policy D.4.1: Recognizing that infrastructure has a powerful influence on growth and development, the availability of infrastructure (along with other factors) should determine where development will occur in the city, rather than the other way around.

Policy D.4.7: Adequate utilities infrastructure (water supply, sewage collection and treatment capacity, storm water management, etc.) must be in place before the new development it serves may be occupied.

Impact on Existing Plans

This Change Order does not impact the existing plans.

Committee Review / Recommendation

NA

Staff Conclusions / Recommendations

It is our recommendation to approve Change Order #4 in the amount of \$15,138.86.

Alternatives

None recommended.

Implementation and Accountability

The Engineering Department and Snyder & Associates will be responsible for overseeing this project.

Signed

Approved



Tony Trotter, P.E.
Project Engineer

David R. Fierke
City Manager

CHANGE ORDER NO. 4

OWNER: City of Fort Dodge

PROJECT: Cross-Town Connector Phase 2

PROJECT #: 111.0990

TO: Wicks Construction, Inc.
 Contractor
P.O. Box 428
 Address
Decorah, IA 52101
 City, State, Zip

You are directed to make the following changes in this contract:

1. Description of change to be made:
- 4.15 Add Item, Storm Sewer, Trenched, PVC, 8in, 108 LF @ \$32.67/LF
 - 4.16 Add Item, Sanitary Sewer Cleanout, 1 EACH @ \$544.50/EACH
 - 6.15 Add Item, Manhole, SW-405, 1 LS @ \$10,241.00/LS
 - 8.13 Add Item, Temporary Stop Sign, 2 EACH @ \$412.50/EACH

2. Reason for Change:
- 4.15 An existing 8" VCP storm sewer in the alley between S. 7th Street and S. 8th Street along 1st Ave South was discovered. The existing storm was connected to storm pipe P-31 using 8in. PVC at a length of 54 LF. Also, an existing 8" VCP roof drain for the Law Enforcement Center was discovered and connected to ST-30 with 8in. PVC at a length of 54 LF. Price is reasonable based on time, materials, and labor to complete. Prices include 10% markup to prime.
 - 4.16 Due to the angle of the Law Enforcement Center's sanitary sewer line coming into SAN-4, a 6" sanitary sewer cleanout was added to the line for future maintenance. Price is reasonable based on time, materials, and labor to complete. Prices include 10% markup to prime.
 - 6.15 It was discovered that there were 2 storm sewer lines running on top of each other on the East side of S. 8th Street from the alley intake (mid-block) to 2nd Ave S. The much older "bottom" line had many gaps in the joints and was deemed unusable after cameraing. It was decided to run storm sewer from ST-39 at 18" RCP to the storm sewer intake near the alley on the East side of S. 8th Street utilizing the newer "top" line. Approximately 160 LF of new 18" RCP was installed while removing the "bottom" line. Near the alley intake, existing gas and telephone utilities were discovered and a pass-thru SW-405 cast-in-place structure was needed to be constructed to make the final connection. Price breakdown is \$6,747.50 for the SW-405 and \$2,562.50 for vacuuming out the bottom and around the utilities to make the cast-in-place structure without removing more pavement. Price for vacuuming is reasonable based on time, materials, and labor to complete. Price for SW-405 is lower than the average price of \$6,950.00 on BidX over the past 24 months. Price includes 10% markup to prime.
 - 8.13 With the removal of traffic signals on 1st Ave S. and S. 9th Street, 2 stop signs were needed to be installed on the N-S approaches to the intersection for safety. When signs are no longer needed, the City will take possession of the signs. Prices include 10% markup to prime.
- No additional days to the contract with this change order

3. Settlement for the cost of making the change shall be as follows:

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
4.15	Storm Sewer, Trenched, PVC, 8in	108	LF	\$ 32.67	\$ 3,528.36
4.16	Sanitary Sewer Cleanout	1	EACH	\$ 544.50	\$ 544.50
6.15	Manhole, SW-405	1	LS	\$ 10,241.00	\$ 10,241.00
8.13	Temporary Stop Sign	2	EACH	\$ 412.50	\$ 825.00
TOTAL					\$ 15,138.86

4. This change order will result in a net change in the contract completion time of 0 additional working days and a net increase in the cost of the project of \$15,138.86 divided as follows:

	Contract Amount	Contract Completion Date
Approved funds and contract completion date as per (Engineer's Estimate, Contract or last approved C.O.)	\$ 3,814,396.40	
Change due to this C.O. (+ or -)	\$ 15,138.86	0 Days
Totals including this C.O.:	\$ 3,829,535.26	

The change described herein is understood, and the terms of settlement are hereby agreed to:

Snyder & Associates, Inc.
 ENGINEER
 By [Signature]

DATE: 1/5/2015

Wicks Construction, Inc.
 CONTRACTOR
 By [Signature]

DATE: 12-31-14

City of Fort Dodge, Iowa
 OWNER

By _____

DATE: _____