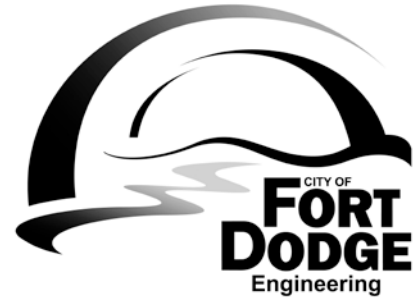


October 22, 2014

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
**Subject: East Region Public Improvements
Phase 1B
Approve Change Order #2**



ACTION: For vote Monday, October 27, 2014

Brief History

On May 14th, 2012, City Council passed a resolution accepting the method of selection to choose an Engineering Firm to perform preliminary design on the East Region Storm Sewer Project – Phases 1-3. The Engineering Department solicited RFQ's/RFP's from 7 Iowa firms and received 4 submittals from Bolton & Menk, HR Green, McClure, and Snyder & Associates. The qualifications for each firm were scored by a selection committee and based on their recommendation, City Council directed staff to prepare a contract with Snyder & Associates, which was approved on June 25th, 2012. The original contract includes preliminary engineering, design, administrative work necessary to seek funding and determine scope of the project, developing 30% plans, and communication with the public and neighborhood businesses.

Amendment #1 was the first of two (2) planned amendments to Snyder & Associates' original contract. Amendment #1 bridges the gap between preliminary concepts and bidding the projects, generally including final design and plans, right-of-way services (upon written authorization from City), survey, funding applications, and bidding services.

Amendment #2 to the original contract dated July 23, 2012 was approved by Council on June 10, 2013. The original contract and Amendments 1 and 2 encompass the following work:

- Preliminary Design & Plans for Phases 1, 2, and 3.
- Final Design and Plans for Phases 1 and 2.
- Bid Letting Administration for Phases 1 and 2.
- Environmental Services.
- Construction Administration & Observation for Phases 1 and 2.

The following is a description of each Phase (1 – 4) as described at the Council Workshop on May 20, 2013:

- Phase 1 – Roadway, storm sewers, storm water detention, and pump station improvements near 1st Ave. S. & S. 23rd St.

- Phase 2 – Roadway and storm sewer improvements along 1st Ave. S. between Veterans bridge and S. 27th St. including work on S. 27th St.
- Phase 3 – Roadway and storm sewer improvements along 1st Ave. S. between S. 27th St. and east of S. 29th St. and along S. 29th St. from 1st Ave. S. to 8th Ave. S. Also includes detention basin and pump station at 8th Ave. S. and S. 29th St.
- Roadway and storm sewer improvements along S. 25th St. from south of 1st Ave. S. to 7th Ave. S. to Phase 3 detention basin.

At the September 9th, 2013 workshop, Wade Greiman with Snyder & Associates updated the Phase 1 project to Council. It was explained that the project would further be broken down to include two bids; a Phase 1 and Phase 1B. The breakdown was necessary to coordinate construction activities at Kemna Auto and Phase 1 of the East Region Project.

On October 3, 2013, at 3:00 pm bids were received for the Phase 1 Project. Four bid proposals were received. Council approved a contract with JB Holland in the amount of \$1,502,282.93 on October 14th, 2013.

On June 23, 2014 Council set a Public Hearing date of July 14, 2014 and a bid letting date of July 8, 2014. Engineer's estimate for the Phase 1B construction is \$450,000. Phase 1B includes storm water sewer and paving on 1st Ave South, south of Kemna and storm water sewer between 23rd Street and 25th Street north of Kemna's property.

On July 8, 2014 at 3:00 pm one bid was received for the project:

Rasch Construction, Fort Dodge, Iowa \$621,804.00

Council awarded a contract to Rasch Construction on July 14, 2014.

In order to install the storm water drainage pipes without damaging existing light poles, the contractor had to temporarily remove the light poles. New poles will be installed during a later phase of this Project and is not included in this change order. Change Order #1 resulted in an additional \$2,040.00 to the contract and was approved by council on September 22, 2014.

Analysis of Issue

Due to poor soil conditions where the new storm sewer pipe was being installed, the Contractor excavated out the unsuitable material below the pipe and placed 3" of clean rock to provide a better base for the pipe. Additionally, in order to provide better access for traffic leaving Nestles and Godfather's parking area a right turn lane was added at the intersection of 1st Avenue S and S 23rd Street. Lastly, the paving of the north slip street (northwest of the intersection of 1st Avenue S and S 23rd Street) was removed from Phase 1 of the East Region Project and added to Phase 1B. Change Order #2 results in an increase of \$69,874.43 to the contract and brings the total project costs to \$693,718.43.

Budget Impact

Funding for this project will include LOST, Stormwater Utility GO Bond, a federal transportation grant, TIF, Iowa Clean Air Attainment Program, Traffic Safety

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Improvement Program, Water Quality related loans or grants, and others. It is the intention to complete the project within the budget provided. Budget is highly dependent on grant success.

Table 1. Capital Improvement Plan Excerpt – East Region Storm Sewer, Phases 1-3

Funding Source	Totals	FISCAL YEAR				
		2012	2013	2014	2015	2016
LOST	\$ 2,500,000				\$ 2,000,000	\$ 500,000
GO Bonds	\$ -					
RUT	\$ -					
Federal	\$ 1,500,000				\$ 500,000	\$ 1,000,000
Sewer Utility	\$ -					
Water Utility	\$ -					
Stormwater Utility	\$ 2,850,000		\$ 1,450,000	\$ 1,400,000		
Other	\$ 2,500,000			\$ 1,050,000	\$ 450,000	\$ 1,000,000
TOTAL	\$ 9,350,000	\$ -	\$ 1,450,000	\$ 2,450,000	\$ 2,950,000	\$ 2,500,000

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 C.3.5: Pedestrian-oriented streetscape improvements including, but not limited to, sidewalks, street trees, landscaping, street lights, street furniture, trash receptacles, and signage shall be made to create and maintain an environment attractive to investment.

Impact on Existing Plans

Change Order #2 has no impact on existing plans.

Staff Conclusions / Recommendations

It is Staff’s recommendation to approve Change Order #2 in the amount of \$69,874.43.

Alternatives

None.

Implementation and Accountability

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

Signed

Approved



 Tony Trotter, P.E.
 Project Engineer

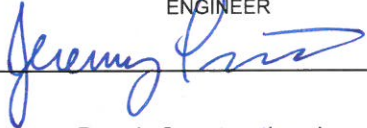
 David Fierke
 City Manager

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 \$69,874.43, divided as follows:

	<u>Contract Amount</u>	<u>Contract Working Days</u>
Approved funds and contract completion date as per (Engineer's Estimate, Contract or last approved C.O.)	\$ 623,844.00	40
Change due to this C.O. (+ or -)	\$ 69,874.43	0 Days
Totals including this C.O.:	\$ 693,718.43	40

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

Snyder & Associates, Inc.
ENGINEER

By 

DATE: 10/10/14

Rasch Construction, Inc.
CONTRACTOR

By 

DATE: 10/09/2014

City of Fort Dodge, Iowa
OWNER

By _____

DATE: _____