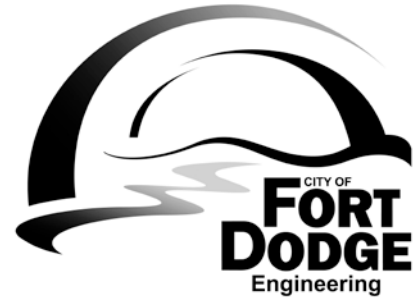


**December 1, 2014**

**To: Mayor Bemrich and City Council**  
**From: David Fierke, City Manager**  
**Subject: East Region Public Improvements  
Phase 1B  
Approve Change Order #3**



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**ACTION: For vote Monday, December 8, 2014**

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**Brief History**

On May 14<sup>th</sup>, 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 25<sup>th</sup>, 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 1<sup>st</sup> Ave. S. & S. 23<sup>rd</sup> St.
- Phase 2 – Roadway and storm sewer improvements along 1<sup>st</sup> Ave. S. between Veterans bridge and S. 27<sup>th</sup> St. including work on S. 27<sup>th</sup> St.

- Phase 3 – Roadway and storm sewer improvements along 1<sup>st</sup> Ave. S. between S. 27<sup>th</sup> St. and east of S. 29<sup>th</sup> St. and along S. 29<sup>th</sup> St. from 1<sup>st</sup> Ave. S. to 8<sup>th</sup> Ave. S. Also includes detention basin and pump station at 8<sup>th</sup> Ave. S. and S. 29<sup>th</sup> St.
- Roadway and storm sewer improvements along S. 25<sup>th</sup> St. from south of 1<sup>st</sup> Ave. S. to 7<sup>th</sup> Ave. S. to Phase 3 detention basin.

At the September 9<sup>th</sup>, 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 14<sup>th</sup>, 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 1<sup>st</sup> Ave South, south of Kemna and storm water sewer between 23<sup>rd</sup> Street and 25<sup>th</sup> 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
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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.

Due to poor soil conditions, the Contractor replaced the base for the storm sewer pipe. Additionally, a right turn lane was added at the intersection of 1<sup>st</sup> Ave S and S 23<sup>rd</sup> St and the paving of the north slip street was added to Phase 1B, rather than Phase 1. Change Order #2, approved by Council on October 27, 2014, resulted in an increase of \$69,874.43 to the contract and brings the total project costs to \$693,718.43.

### **Analysis of Issue**

Due to S 23<sup>rd</sup> St, north of 1<sup>st</sup> Ave S, being damaged by the construction for the East Region Project and new Kemna building, the city and Jensen Builders have agreed to share the costs in repairing the privately owned road. Change Order #3 results in an increase of \$31,640.93 to the contract and brings the total project costs to \$725,359.36.

### **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

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
<b>TOTAL</b>	<b>\$ 9,350,000</b>	\$ -	\$ 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 #3 has no impact on existing plans.

**Staff Conclusions / Recommendations**

It is Staff’s recommendation to approve Change Order #3 in the amount of \$31,640.93.

**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

**CHANGE ORDER NO. 3**

OWNER: City of Fort Dodge

PROJECT: East Region Public Improvements - Phase 1B  
PROJECT #: 112.0558

To: Rasch Construction, Inc.  
Contractor  
1828 Johnson Ave  
Address  
Fort Dodge, IA 50501  
City, State, Zip

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

1. Description of change to be made:
- 2.03 Increase Item, Subgrade Preparation, 12", 630.8 SY @ \$2.00/SY
  - 2.04 Increase Item, Modified Subbase, 8", 630.8 SY @ \$9.00/SY
  - 7.12 Add Item, Standard/Slip-Form PCC Pavement, Class C, 7", 605 SY @ \$39.16/SY

2. Reason for Change:
- 2.03 Due to S. 23rd St. North of 1st Ave S. being damaged by the construction of the East Region project and new Kemna building, both the city and Jensen Builders
  - 2.04 have agreed to share costs in repairing the privately owned road.
  - 7.12
- No additional working days added to the contract with this change order.

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

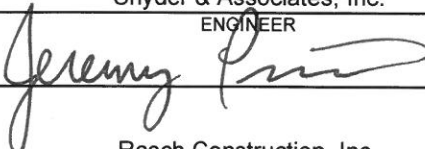
Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
2.03	Subgrade Preparation, 12"	630.8	SY	\$ 2.00	\$ 1,261.60
2.04	Modified Subbase, 8"	630.8	SY	\$ 9.00	\$ 5,677.20
7.12	Standard/Slip-Form PCC Pavement, Class C, 7" (S. 23rd St Repair)	630.8	SY	\$ 39.16	\$ 24,702.13
TOTAL					\$ 31,640.93

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 \$31,640.93, divided as follows:

	Contract Amount	Contract Working Days
Approved funds and contract completion date as per (Engineer's Estimate, Contract or last approved C.O.)	\$ 693,718.43	40
Change due to this C.O. (+ or -)	\$ 31,640.93	0 Days
Totals including this C.O.:	\$ 725,359.36	40

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

Snyder & Associates, Inc.  
ENGINEER

By 

DATE: 11/18/14

Rasch Construction, Inc.  
CONTRACTOR

By 

DATE: 11/18/14

City of Fort Dodge, Iowa  
OWNER

By \_\_\_\_\_

DATE: \_\_\_\_\_