

**July 8, 2014**

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



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**ACTION: For vote Monday, July 14, 2014**

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**Brief History**

The Snyder and Associates, INC has prepared the plans and specifications for the East Region Storm Sewer Phase 1 Project. The project includes Roadway, storm sewers, storm water detention, and pump station improvements near 1<sup>st</sup> Ave. S. & S. 23<sup>rd</sup> St. On September 9th, 2013 Council approved setting bid letting date to receive bids for this project on October 3<sup>rd</sup>, 2013. A public hearing was set to approve the plans and specifications, form of contract, and estimate of costs for October 14<sup>th</sup>, 2013 at 6:00 p.m. The following responsive bids was received:

Contractor	Bid Amount
JB Holland Construction, Decorah, Iowa	\$1,502,282.93
Rasch Construction, Fort Dodge, Iowa	\$1,544,201.50
Peterson Contractors, INC. Reinbeck, Iowa	\$1,670,000.00
Minger Construction, INC., Chanhassen, MN	\$1,915,697.80

Engineer's Estimate for this project is \$1,680,000.00. Council awarded a contract to JB Holland on October 14<sup>th</sup>, 2013.

Change Order #1 was approved on June 8<sup>th</sup>, 2014 and is a deduction of \$56,100.00, which removes the 7 inch concrete paving of South 23<sup>rd</sup> Street. South 23<sup>rd</sup> Street between 1<sup>st</sup> Avenue South and 2<sup>nd</sup> Avenue North is owned by adjacent property owners. The adjacent property owners preferred Hot Mix Asphalt over the proposed concrete. The City currently has an asphalt contract with Fort Dodge Asphalt under the 2014 Street Repair Project and has negotiated a cost to repair the areas identified in the East Region Storm Sewer Project Phase 1 at \$18,750.50. This change order will be presented to council at a later date.

**Analysis of Issue**

Change Order #2 is necessary due to poor soil conditions in front of Smitty's Greenhouse and required additional granular subbase and additional excavation of the unsuitable soil. Also included in Change Order #2 was temporary geotextile and rock to accommodate traffic to Smitty's greenhouse during their busiest season along with

manhole box-outs and additional conduits. Change Order #2 is an increase in contract price of \$8,684.07.

**Budget Impact**

There is no impact to the budget as contract is \$47,415.93 under budget.

**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.

**Impact on Existing Plans**

None.

**Committee Review / Recommendation**

None.

**Staff Conclusions / Recommendations**

It is our recommendation to approve Change Order #2.

**Alternatives**

No Alternative to present.

**Implementation and Accountability**

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

Signed



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Tony Trotter, P.E.  
Project Engineer

Approved



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David Fierke  
City Manager

**CHANGE ORDER NO. 2**

OWNER: City of Fort Dodge

PROJECT: East Region Public Improvements Project Phase I  
PROJECT #: 112.0558

To: JB Holland Constrution, Inc.  
Contractor  
2092 Hwy 9 West  
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:
- 2.08 Increase Item, Granular Subbase, 84.50 SY@ \$ 25.00/SY
  - 2.11 Add Item, Excavate unsuitable, 135.20 CY@ \$6.40/CY
  - 2.12 Add Item, Geotextile, 224.33 SY@ \$1.50/SY
  - 2.13 Add Item, Rock Removal at Smitty's, 1 LS @ \$550.00/LS
  - 7.04 Add Item, Manhole Box-outs with Concrete, 4 EACH @ \$1083.50/EACH
  - 9.11 Add Item, Conduit stub-outs for MidAmerican to properties, 1 LS@ \$485.88/LS

2. Reason for Change:
- 2.08 Due to poor soil conditions in front of the greenhouse (Smitty's), the Contractor suggested a cost share between the City, JB Holland and Denver Underground (a 33% split) to share the cost of adding additional granular subbase, excavating out the unsuitable material and placing geotextile material. The City agreed to this idea in order to provide a better product.
  - 2.12
  - 2.13 The trench in front of Smitty's was filled in to accommodate traffic over the weekend and to avoid inclement weather during their busy season. This item was added to account for the added work item of the removal of rock the following week to complete the storm sewer work.
  - 7.04 Due to the fact that S. 23rd Street was changed to HMA, PCC boxouts were required around the proposed manholes.
  - 9.11 The City requested conduit stub outs to individual properties for the existing electrical services at the buildings to coincide with the MidAmerican electrical relocation.

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

Item No.	Item Description	Quantity	Unit	Unit Price	Total Price
7.01	Granular Subbase	84.50	TON	\$ 25.00	\$ 2,112.42
2.11	Excavate unsuitable	135.20	CY	\$ 6.40	\$ 865.28
2.12	Geotextile	224.33	SY	\$ 1.50	\$ 336.50
2.13	Rock Removal at Smitty's	1	LS	\$ 550.00	\$ 550.00
7.04	Manhole Box-outs with Concrete	4	EACH	\$ 1,083.50	\$ 4,334.00
9.11	Conduit stub-outs for MidAmerican to properties	1	LS	\$ 485.88	\$ 485.88
TOTAL					\$ 8,684.07

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 \$8,684.07.00, divided as follows:

	<u>Contract Amount</u>	<u>Contract Completion Date</u>
Approved funds and contract completion date as per (Engineer's Estimate, Contract or last approved C.O.)	\$ 1,446,182.93	May 31, 2014
Change due to this C.O. (+ or -)	\$ 8,684.07	0 Days
Totals including this C.O.:	\$ 1,454,867.00	May 31, 2014

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

Snyder & Associates, Inc.  
ENGINEER

By Nichole Jengren

DATE: 06/17/14

JB Holland Construction, Inc.  
CONTRACTOR

By Mason Taskoette

DATE: 6/20/14

City of Fort Dodge, Iowa  
OWNER

By \_\_\_\_\_

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