

CHANGE ORDER FORM



Project Title: SW Vintage Parkway Connection Project
Contractor: MPS Engineers, PC
Address: 1444 Illinois Street, Des Moines, IA 50314
Finance Budget Code: 977.3977.4451 **Finance Project #** 108.4451
Vendor Project or Invoice #: _____ **PO #** _____
Original Contract Date: December 7, 2015 **Vendor #** 7776

Change Order Number: 3

Change Order Date: November 21, 2016

Purpose of Change Order:

Item 1: Replacement of 12" PVC sanitary sewer line caused by moving manhole S-5 and setting new manhole S-5A. This sanitary sewer line will be placed at a revised unit price due to the wet soil conditions in the vicinity of the sanitary sewer line replacement.

Item 2: Lump sum price for the contractor to excavate the existing manhole S-5 and move it to a new location. Manhole is being relocated to avoid unstable soils and to provide a solid foundation for the manhole.

Item 3: Lump sum price to install a new manhole to allow the realignment of the sanitary sewer due to the relocation of manhole S-5. A new manhole will be installed along the same alignment as the previously installed sanitary sewer.

Item 4: Three sanitary sewer service connections will be impacted by the realignment of the sanitary sewer caused by the relocation of manhole S-5. These sanitary sewer services will need to be reconnected for the lots to the south.

Item 5: Lump sum price for excavation and dewatering of the trenches associated with the relocation of manhole S-5, new manhole S-5A, and the realignment of the 12" PVC sanitary sewer. Sand seams in the trench cause water to infiltrate.

Item 6: Lump sum price for trench stabilization rock to be used for the sanitary sewer and sanitary sewer manholes due to unstable material within the trenches.

Details of Change Order:

ITEM #	DESCRIPTION	UNITS	QUANTITY CHANGE	UNIT PRICE	EXTENDED PRICE
1	Sanitary Sewer, PVC, 12" (Remove & Replace)	LF	190.00	\$ 128.00	\$ 24,320.00
2	Relocate Sanitary Manhole S-5	LS	1.00	\$ 6,000.00	\$ 6,000.00
3	Manhole SW-301, 48" (New Manhole S-5A)	EA	1.00	\$ 8,000.00	\$ 8,000.00
4	Sanitary Sewer Service Reconnection	EA	3.00	\$ 1,000.00	\$ 3,000.00
5	Excavation and Dewatering	LS	1.00	\$ 5,000.00	\$ 5,000.00
6	Trench Stabilization Riprap/Rock	LS	1.00	\$ 5,000.00	\$ 5,000.00
Subtotal from Page 2					\$ (4,824.40)

Change Order Number: 3 makes the following adjustments to the contract: **\$ 46,495.60**

Contractor Accepted: [Signature] MPS Engineers, PC
Signature Firm Name
11/11/16
Date

Engineer Approved: [Signature] Snyder & Associates, Inc.
Signature Firm Name
11-11-2016
Date

Owner Accepted: _____ City of Ankeny MSA 11-14-16
Signature Title

Date

Attest for Owner:

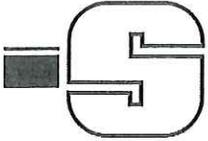
Signature Title

Date

Record of Change Orders

#	Date	Amount
Original Contract Amount		\$ 1,794,950.00
1	July 5, 2016	\$ 23,926.60
2	September 6, 2016	\$ 35,786.00
3	November 21, 2016	\$ 46,495.60
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Revised Contract Amount \$ 1,901,158.20



November 11, 2016

Mr. Matt Ahrens, P.E.
City of Ankeny
220 West First Street
Ankeny, Iowa 50023

**RE: PARTIAL PAYMENT APPLICATION NO. 6
CHANGE ORDER NO. 3
SW VINTAGE PARKWAY CONNECTION PROJECT
PROJECT NO. 115.0602**

Dear Mr. Ahrens:

Partial payment application no. 6 includes work completed between October 5, 2016 and November 4, 2016. The contractor's work during this period included subgrade preparation and paving. Remaining items to be completed include finishing paving, sidewalks, and surface restoration.

Change order no. 3 includes changes to the contract as follows:

- 190 linear feet of 12" PVC sanitary sewer line will need to be replaced with the relocation of sanitary manhole S-5. This price includes removal and replacement of the sanitary sewer.
- Sanitary manhole S-5 will be moved to the west of the originally designed location to avoid unstable soils.
- A new manhole (sanitary manhole S-5A) will be installed to allow for the realignment of the 12" PVC sanitary sewer line associated with the relocation of manhole S-5. This new manhole will be installed along the same alignment as the previously installed sanitary sewer.
- The relocated 12" PVC sanitary sewer line will impact three previously installed sanitary sewer service connections. These sanitary sewer service lines will need to be reconnected to provide sewer service for the lots to the south of the roadway.
- Compensation for excavation and dewatering of the trenches associated with the relocation of manhole S-5, new manhole S-5A, and the realignment of 12" PVC sanitary sewer. Sand seams in the trench cause water to infiltrate.
- Trench stabilization (3" clean rock and rip rap) will be used for the sanitary sewer and sanitary sewer manholes due to unstable material within the trenches.
- 100 linear feet of 12" PVC sanitary sewer was anticipated to be replaced with Change Order No. 2 due to settlement of manhole S-5. After geotechnical investigation of the area, it was determined manhole S-5 needed to be moved to the west and, therefore, the 100 linear feet of 12" PVC sanitary sewer replacement was no longer needed. This quantity will be deducted from the contract.

- Change order No. 2 included a lump sum item for the settlement repair of sanitary manhole S-5. This settlement repair included an 8'x8' concrete base to be constructed under the manhole in the originally designed location of manhole S-5. Exploratory research identified unstable soils in this area which required the relocation of this manhole. The contractor incurred costs for excavation and dewatering for exploratory research but did not construct the 8'x8' concrete base. Therefore, \$1,904.40 will be deducted from the contract to account for the concrete base not being built.
- An additional 17 working days will be added to the contract for this additional work for installation of the sanitary sewer, manhole, and PCC paving through this area.

We recommend payment of \$446,957.85 to the Contractor, MPS Engineers, PC, for work completed through November 4, 2016. We also recommend acceptance of change order no. 3 in the amount of \$46,495.60. Approximately 70% of the total contract work has been completed. As of this partial pay application, the contractor has 25 working days remaining to complete the project.

Please contact me should you have any questions on this pay application.

Sincerely,

SNYDER & ASSOCIATES, INC.



Garret D. Reeder, P.E.
Project Engineer

Enclosures