

RESOLUTION #17-89

**RESOLUTION AUTHORIZING CHANGE ORDER NO. 1 FOR
THE FY2016 SANITARY SEWER IMPROVEMENTS
LINING OF SANITARY MAINS IN TATUM STREET
AND SOUTH EVERGREEN AVENUE**

WHEREAS, the City of Woodbury entered into a contract with Fast Pipe Lining East d/b/a Standard Pipe Services, LLC for the FY2016 Sanitary Sewer Improvements – Lining of Sanitary Mains in Tatum Street and South Evergreen Avenue; and

WHEREAS, Change Order No. 1 is required to reconcile the costs for the items not used and for the increases and decreases for the various pipe lining items based on actual length, sizes and depths, as set forth in the attached Change Order No. 1; and

WHEREAS, such additions have been reviewed and approved by the City Engineer; and

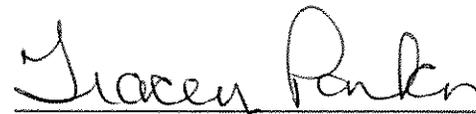
WHEREAS, the attached itemized additions/deductions result in a net increase of \$14,052 to the original price of \$337,705.00 for a total contract price with Change Order No. 1 of \$351,757.00 resulting in an overall increase in the original contract price of 4.2%.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Woodbury that the Mayor is hereby authorized to execute the attached Change Order No. 1 to the contract with Fast Pipe Lining East d/b/a Standard Pipe Services, LLC for the FY2016 Sanitary Sewer Improvements – Lining of Sanitary Mains in Tatum Street and South Evergreen Avenue.

ADOPTED at a regular meeting of the Mayor and City Council of the City of Woodbury held on May 9, 2017.

CITY OF WOODBURY

By:


TRACEY PARKER,
President of Council

ATTEST:


Roy A. Duffield, City Clerk

17-89

CONTRACT CHANGE ORDER

Administrative Data and Summary of Changes

No: 1

Date of Issuance: 5/9/2017

PROJECT: FY2017 Sanitary Sewer Improvements

FOR: Extra Work for Manhole Rehabilitation on Tatum Street

OWNER: **City of Woodbury**
33 Delaware Street
Woodbury, NJ 08096
(856)845-1300

NJDOT Project No.: N/A

CONTRACTOR: **Fast Pipe Lining East**
dba Standard Pipe Services, LLC
P.O. Box 99
Bear, DE 19701

ENGINEER: **Federici & Akin, P.A.**
307 Greentree Road
Sewell, NJ 08080
(856)589-1400

CONTRACT FOR: Lining of Sanitary Sewer Pipes

ENGINEER's Project No.: 16027

In accordance with the terms of the Contract, the following changes are made in the Construction Documents.
Description:

This change order reflects the final quantities of the base bid items as billed by the contractor for the lining and repair of the sanitary sewer mains in Tatum Street and Evergreen Avenue for the project. Several items were not used and the full bid cost is credited. The total length of 8" sewer main in Tatum Street that had to be replaced or repaired before it could be lined increased from 24 feet to 53 feet. A special short liner was used for 45 feet of these repairs, 8 feet had to be excavated and replaced. The actual lengths of the pipe segments from manhole to manhole was measured and billed, based on actual pipe size and depth. Changes from the bid amounts are shown and the decreases or increases in contract Price are calculated. As a result, there is a decrease in the base contract price of \$28,748. This change order is also for the addition of the Alternate 'A' Bid items which includes the cleaning and lining of the old brick manholes in Tatum Street to eliminate infiltration and installing new rungs. The Alt. 'A' cost is \$42,800. Therefore, the net increase in contract price will be \$14,052.

Purpose of Change Order:

This Change Order is required to reconcile the Contract Amount for items that were not used and for final constructed/installed quantities. And to add Alternate 'A' scope of work to rehabilitate manholes on Tatum Street.

Attachments: (List documents supporting change)

Invoice #2 from Contractor dated 4/11/17 and Summary of Bids dated 9/21/2016.

Revisions are shown on:

Construction plans prepared by Federici & Akin, dated 8/18/2016.

CHANGE IN CONTRACT PRICE:

Original Contract Price	\$ 337,705.00	
Previous Change Orders	- to -	
Net change of Previous Change Orders		0.00 %
Contract Price prior to this Change Order	\$ 337,705.00	
Net Increase (Decrease) of this Change Order	\$14,052.00	4.16
Contract Price with all Approved Change Orders	\$ 351,757.00	104.16

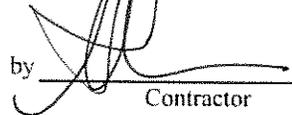
CHANGE IN CONTRACT TIME:

Original Contract Time	<u>95</u>	Days
Notice to Proceed	<u>11/1/2016</u>	
Net change from Previous Change Orders	<u>0</u>	Days
Contract Time Prior to Change Order	<u>95</u>	Days
Net Increase (Decrease) of this Change Order	<u>140</u>	Days
Contract Time with all Approved Change Orders	<u>235</u>	Days
Revised Date of Completion	<u>6/23/2017</u>	

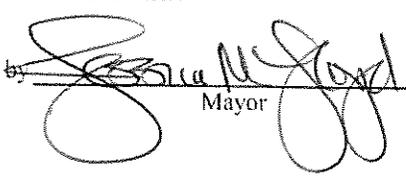
RECOMMENDED:

by 
City Engineer

ACCEPTED:

by 
Contractor

APPROVED:

by 
Mayor

CONTRACT CHANGE ORDER

Calculation of Net Increase / Decrease

No: 1

Date of Issuance: 5/9/2017

Project: FY2017 Sanitary Sewer Improvements	Engineer: Federici & Akin, PA
Owner: City of Woodbury	Municipality: City of Woodbury

To Contractor: **Fast Pipe Lining East** Address: **dba Standard Pipe Services P.O. Box 99**

Item No.	Item Description	Add'l Quant.	Unit	Unit Cost	DECREASE In Contract Price	INCREASE In Contract Price
Tatum Street Base Bid						
3	Lateral Protrusion Cutback, Complete	-13	Unit	\$ 200.00	(\$2,600.00)	
4	Grouting of Joints	-300	Gal.	\$ 25.00	(\$7,500.00)	
5	Controlled Low Strength Material, 15:1	-30	C.F.	\$ 125.00	(\$3,750.00)	
6	Pavement Restoration	-30	S.Y.	\$ 155.00	(\$4,650.00)	
7	Replace Existing 8" to 10" Sanitary Sewer Pipe, 0'-10' Depth	29	L.F.	\$ 450.00		\$13,050.00
8	8" Cured-In-Place Pipe Rehabilitation, Complete, 0'-10' Depth	403	L.F.	\$ 50.00		\$20,150.00
9	8" Cured-In-Place Pipe Rehabilitation, Complete, 10'-15' Depth	-749	L.F.	\$ 50.00	(\$37,450.00)	
10	10" Cured-In-Place Pipe Rehabilitation, Complete, 0'-10' Depth	-46	L.F.	\$ 53.00	(\$2,438.00)	
11	10" Cured-In-Place Pipe Rehabilitation, Complete, 10'-15' Depth	-688	L.F.	\$ 53.00	(\$36,464.00)	
12	Install Sanitary Sewer Manhole, Complete, 8'-10' Depth	-1	Unit	\$ 12,000.00	(\$12,000.00)	
S1	Extra Lining Material	372	L.F.	\$ 17.00		\$6,324.00
Evergreen Avenue Base Bid						
3	Lateral Protrusion Cutback, Complete	-5	Unit	\$ 200.00	(\$1,000.00)	
4	Grouting of Joints	-200	Gal.	\$ 25.00	(\$5,000.00)	
5	Controlled Low Strength Material, 15:1	-20	C.F.	\$ 125.00	(\$2,500.00)	
6	8" Cured-In-Place Pipe Rehabilitation, Complete, 0'-10' Depth	-394	L.F.	\$ 50.00	(\$19,700.00)	
6A	10" Cured-In-Place Pipe Rehabilitation, Complete, 0'-10' Depth	1260	L.F.	\$ 53.00		\$66,780.00
Tatum Street Alternate 'A' Bid						
A-1	Sanitary Sewer Manhole Rehabilitation	1300	S.F.	\$ 28.00		\$36,400.00
A-2	Manhole Ladder Rungs	64	Unit	\$ 100.00		\$6,400.00
TOTALS					(\$135,052.00)	\$149,104.00
NET CHANGE IN CONTRACT PRICE					=	\$14,052.00

JUSTIFICATION:

Tatum Street-

- Item 3: Only 2 of 15 units were used
- Items 4, 5 & 6: These items were not used on Tatum Street.
- Item 7: A total of 8 feet of 8" main had to excavated and replaced due to the poor condition of the pipe; 45 feet of main were repaired with extra lining segments installed prior to the full-length lining.
- Item 8: 346 l.f. of 8" pipe was not lined due to bad pipe; added 749 l.f. of 8" pipe from Item 9 based on depth of pipe.
- Items 11 & 12: These items were not used on Tatum Street.
- Item S1: Material that had to extracted from pipe that broke and had to be repaired.

Evergreen Avenue-

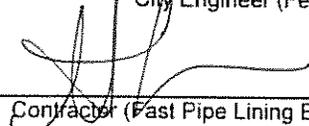
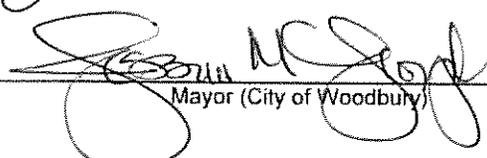
- Items 3, 4 & 5: These items were not used on Evergreen Avenue.
- Item 6: Length of 8" pipe lined reduced by 394 l.f.
- Item 6A: Segments of the sewer in Evergreen Ave were 10" pipe, not 8". Used same unit price as per Tatum bid.

Tatum Street Alternate-

- Items A-1&A-2: Added the manhole cleaning and lining due to the poor condition of the old brick structures to eliminate infiltration.

LIST OF SUPPORTING DATA:

1. Invoice #2 from Fast Pipe Lining East/Standard Pipe Services
2. Summary of Bids

Recommended:	 City Engineer (Federici & Akin, PA)	<u>5/4/17</u> Date
Accepted:	 Contractor (Fast Pipe Lining East / Standard Pipe Services)	<u>5/4/17</u> Date
Approved:	 Mayor (City of Woodbury)	<u>5/9/17</u> Date