

RESOLUTION #14-144

**RESOLUTION AUTHORIZING CHANGE ORDER NO. 2 FOR
THE NORTH END STORM SEWER – PHASE 4 – STORM SEWER
REPLACEMENT ON CRESCENT AVENUE**

WHEREAS, the City of Woodbury entered into a contract with Perna Finnigan, Inc. for the North End Storm Sewer – Phase 4 – Storm Sever Replacement on Crescent Avenue project; and

WHEREAS, during construction various modifications were required due to unanticipated site conditions as detailed in the attached certification resulting in certain extras and which due to the nature and progress of the project could not be re-bid which are in the attached Change Order No. 2; and

WHEREAS, such modifications necessitate the extension of the contract period from 157 to 320 days; and

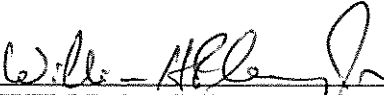
WHEREAS, such additions and reductions have been reviewed and approved by the City Engineer; and

WHEREAS, the attached itemized additions result in a net increase of \$27,853.00 to the original price of \$151,934.40 for a total contract price of \$179,787.40 which is an increase in the original contract price of 18.33%.

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. 2; and

ADOPTED at a regular meeting of the Mayor and City Council of the City of Woodbury held on August 12, 2014.

CITY OF WOODBURY

By: 
WILLIAM H. FLEMING, JR.,
President of Council

ATTEST:


Roy A. Duffield, City Clerk

CONTRACT CHANGE ORDER

Administrative Data and Summary of Changes

No: 2

Date of Issuance: July 12, 2014

PROJECT: North End Storm Sewer - Phase 4

FOR: - Storm Sewer Replacement on Crescent Avenue

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

CITY's Project No.: Ord. #2009-05

CONTRACTOR: **Perna Finnigan Inc.**
1921 E. Sherman Avenue
Vineland, NJ 08361
(856) 691-6158

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

CONTRACT FOR: Installation of Storm Sewer Inlets and Pipes and Resurfacing of Dickerson Street

ENGINEER's Project No.: 13037

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

Description:

Remove 2 existing single inlets, 1 storm manhole, and 20 feet of concrete pipe on Crescent Avenue. Install 2 Type Double "B" modified inlets. Install triple 12" ductile iron pipes between inlets and beneath existing sanitary sewer pipe in Crescent Avenue. Add 163 calendar days to the total contract time due to unforeseen delays.

Purpose of Change Order:

The existing storm sewer inlets on Crescent Avenue are very deteriorated. The 18" pipes connecting the inlets under the road are also deteriorated; a sink has formed in the street over the northerly pipe segment where a piece of the top of the pipe broke off. When the storm sewer was originally installed, the elevation of the pipe conflicted with the existing sanitary sewer pipe; both designed for gravity-flow and both constrained as to location and elevation by their connecting pipes & structures and the terrain of the North End of the City. Therefore, a manhole was constructed within the storm sewer run at the center of the road to allow the sanitary sewer pipe to pass through. Approximately 6" of that pipe protrudes up into the channel of the storm sewer, causing minor blockages. The proposed construction will eliminate this conflict and the manhole by installing the triple 12" pipes under the sanitary sewer pipe between the 2 new inlets.

Attachments: (List documents supporting change)

Change Request 0822C002-S2 prepared by Perna Finnigan, dated 7/28/14.

CHANGE IN CONTRACT PRICE:			CHANGE IN CONTRACT TIME:	
Original Contract Price	<u>\$151,934.40</u>		Original Contract Time	<u>65</u> Days
Previous Change Orders	<u>\$0.00</u>		Notice to Proceed Date	<u>11/4/2013</u>
Net change of Previous Change Orders	<u>\$0.00</u>	%	Net change from Previous Change Orders	<u>92</u> Days
		0.00	Contract Time Prior to Change Order	<u>157</u> Days
Contract Price prior to this Change Order	<u>\$ 151,934.40</u>		Net Increase (Decrease) of this Change Order	<u>163</u> Days
Net Increase (Decrease) of this Change Order	<u>\$27,853.00</u>	18.33	Contract Time with all Approved Change Orders	<u>320</u> Days
Contract Price with all Approved Change Orders	<u>\$ 179,787.40</u>	118.33	Revised Completion Date	<u>September 19, 2014</u>

RECOMMENDED:

APPROVED:

APPROVED:

by _____
City Engineer

by 
Mayor

by _____
Contractor

CONTRACT CHANGE ORDER

Calculation of Net Increase / Decrease

Pg. 2

No: 2

Date of Issuance: 7/12/2014

Project: North End Storm Sewer - Phase 4	Engineer: Federici & Akin, PA
Owner: City of Woodbury	Municipality: City of Woodbury

To: **Perna Finnigan, Inc., 1921 E. Sherman Avenue, Vineland, NJ 08361**
(Contractor & Address)

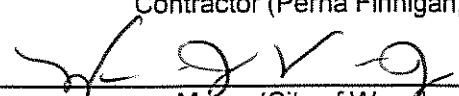
Item No.	Description of Changes	Quant.	Unit Cost	DECREASE In Contract Price	INCREASE In Contract Price
S-2A	Clearing site, removal of inlets, manhole & pipe	1	\$ 1,700.00		\$ 1,700.00
S-2B	Type "Double B-modified" Inlet, 5'-6" deep	2	\$ 7,175.00		\$ 14,350.00
S-2C	12" Ductile Iron Pipe	78	\$ 101.00		\$ 7,878.00
S-2D	Road Restoration	1	\$ 2,775.00		\$ 2,775.00
S-2E	Topsoil & Clean-up	1	\$ 400.00		\$ 400.00
S-6F	Concrete Cradle	1	\$ 750.00		\$ 750.00
TOTALS				\$ -	\$27,853.00
NET CHANGE IN CONTRACT PRICE				=	\$27,853.00

JUSTIFICATION:

Existing storm sewer inlets and pipes in Crescent Avenue are very deteriorated. A sink hole has formed in the road over the storm sewer pipe where a large piece of the top broke off. In addition, the existing sanitary sewer pipe extends through a storm sewer manhole at the center of the road. This will be eliminated with the installation of the proposed storm sewer siphon system with the material listed above.

LIST OF SUPPORTING DATA:

1. Change Request 0822C002-S2 prepared by Perna Finnigan, dated 7/28/14.
2. Construction Plans 5 and 6 prepared by Federici & Akin, P.A., Project #13037, dated 7/3/14.

Recommended: _____ City Engineer (Federici & Akin, PA)	_____ Date
Accepted: _____ Contractor (Perna Finnigan, Inc.)	_____ Date
Approved:  _____ Mayor (City of Woodbury)	<u>8/12/14</u> Date



Respond To: 1921 E. Sherman Ave.
Vineland, NJ 08361
Voice: (856) 691-6158
Fax: (856) 691-0310

Change Request: 0822C002-S2

Attention: Paul Breier
Federici & Akin Engineers
302 Greentree Rd.
Sewell, NJ 08080

Date: 7/28/2014
Project: North End Storm
Location: Crescent Ave Woodbury

Prepared by: Bob Perna Jr.

Status: Proposed

Description of Work:

Provide material, equipment and labor to install storm siphon system per the break down below:

<u>Item No.</u>	<u>Description</u>	<u>Qty</u> <u>Units</u>	<u>Unit Price</u>	<u>Total</u>
S-2A	Cleaing site & removals	1 Lump	\$ 1,700.00	\$ 1,700.00
S-2B	Type "modified double B" 5' - 6'	2 Each	\$ 7,175.00	\$ 14,350.00
S-2C	12" Dip	78 LF	\$ 101.00	\$ 7,878.00
S-2D	Road restoration	1 Lump	\$ 2,775.00	\$ 2,775.00
S-2E	Topsoil & Cleanup	1 Lump	\$ 400.00	\$ 400.00
S-6F	Concrete Cradle	1 Each	\$ 750.00	\$ 750.00

Total Amount: **\$ 27,853.00**