

RESOLUTION #16-134

**RESOLUTION AUTHORIZING CHANGE ORDER NO. 1 FOR
THE FY2015 STORM SEWER IMPROVEMENTS**

WHEREAS, the City of Woodbury entered into a contract with Gerald A. Barrett, LLC for the FY2015 Storm Sewer Improvements; and

WHEREAS, Change Order No. 1 is required to increase the contract amount to include the extra work directed by the Engineer, 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 \$34,185.51 to the original price of \$191,447.64 for a total contract price with Change Order No. 1 of \$225,633.15 resulting in an overall increase in the original contract price of 17.86%.

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 Gerald A. Barrett, LLC for the FY2015 Storm Sewer Improvements.

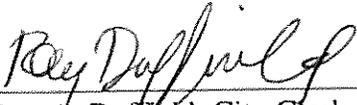
ADOPTED at a regular meeting of the Mayor and City Council of the City of Woodbury held on September 13, 2016.

CITY OF WOODBURY

By: _____


DAVID TROVATO,
President of Council

ATTEST:



Roy A. Duffield, City Clerk

**CITY OF WOODBURY
CERTIFICATION AS TO THE AVAILABILITY OF FUNDS
CHIEF FINANCIAL OFFICER**

I CERTIFY AS CHIEF FINANCIAL OFFICER, THAT WITH RESPECT TO THE AWARD OF A CONTRACT OR EXPENDITURE OF FUNDS TO:

Gerald A. Barrett, LLC

FOR:

Change Order #1 - FY2015 Storm Sewer Improvements

RESOLUTION #	<u>16-134</u>	<u>9/13/2016</u>	AMOUNT:	<u>\$ 34,185.51</u>	Not-to-exceed
ORDINANCE #	<u> </u>				

THAT FUNDS ARE AVAILABLE, AS OF THE DATE OF THIS RESOLUTION, FROM THE FOLLOWING:

Amounts Funded

TEMPORARY BUDGET APPROPRIATION:

ADOPTED BUDGET APPROPRIATION:

DEDICATION BY RIDER:

RESERVE FOR FEDERAL & STATE GRANT:

CAPITAL ORDINANCE: C-04-16-249-050 \$ 34,185.51

Dated: September 13, 2016



ROBERT LAW
CHIEF FINANCIAL OFFICER

CONTRACT CHANGE ORDER
Administrative Data and Summary of Changes

No: 1

Date of Issuance: 9/13/2016

PROJECT: FY2015 Storm Sewer Improvements

FOR: Extra Work
Additional Work

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

NJDOT Project No.: N/A

CONTRACTOR: **Gerald A. Barrett, LLC**
329 Lakedale Road
Berlin, NJ 08009
(856) 767-0444

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

CONTRACT FOR: Storm Sewer Improvements

ENGINEER's Project No.: 15014

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

Description:

Increased roadway surface course milling and paving by 224 square yards to cover the actual area of disturbance and to replace deteriorated pavement adjacent to the work site. Added 131 feet of concrete curbing and 16 s.y. of sidewalk to construct ADA-compliant ramps at the street corners in the work zones. Also added new curb where the existing curb had to be removed to install new storm sewer piping. An access drive had to be constructed from the street across from Red Eagle Market down the slope to the existing storm sewer junction box near Hester's Branch and extended to the creek for installation of the discharge pipe and end section. The pipe design at Davis Street & Briar Hill Lane had to be revised from a 15" pipe to twin 10" PVC pipes due to the clearance constraints of existing water, sewer and gas lines in the road. The pipe design at Columbia and Logan Streets had to be revised from connecting into the old corrugated metal arch pipe that connected to a headwall in the railroad drainage ditch. Once exposed it was found that most of the pipe was very deteriorated or actually rotted away and sunken in at several spots. It did not function, which caused the intersection to flood during rainfall events. Also the end of that pipe at the railroad headwall was very low and any runoff would not be able to flow down the ditch. The pipe alignment was changed to cross the stub street and extend to the railroad ditch on the downstream side of the old road that went over the tracks. Concrete slabs were placed vertically in the ditch per Conrail to deflect the discharge down the ditch.

Purpose of Change Order:

This Change Order is required to increase the Contract Amount to include the extra work directed by the Engineer for additional pavement resurfacing at the affected intersections and additional curbing and sidewalk required for new handicap ramps; for the change in quantities and type & size of pipe due to site constraints or revised alignment of the discharge pipe segments; additional fill material to construct an access drive to a new headwall at Hester's Branch; and to reconcile the small increases/decreases in work completed or for items not used.

Attachments: (List documents supporting change)

Summary of Invoices dated 8/18/16; Invoice #2016-0405 & 2016-0604 from Gerald A. Barrett

Revisions are shown on :

As-built plans prepared by Federici & Akin.

CHANGE IN CONTRACT PRICE:			CHANGE IN CONTRACT TIME:		
Original Contract Price	<u>\$ 191,447.64</u>		Original Contract Time	<u>45</u>	Days
Previous Change Orders	0 to 0		Notice to Proceed	<u>12/4/2015</u>	
Net change of Previous Change Orders	<u>\$0.00</u>	0.00 %	Net change from Previous Change Orders	<u>0</u>	Days
Contract Price prior to this Change Order	<u>\$ 191,447.64</u>		Contract Time Prior to Change Order	<u>45</u>	Days
Net Increase (Decrease) of this Change Order	<u>\$34,185.51</u>	17.86 %	Net Increase (Decrease) of this Change Order	<u>200</u>	Days
Contract Price with all Approved Change Orders	<u>\$ 225,633.15</u>	117.86 %	Contract Time with all Approved Change Orders	<u>245</u>	Days
			Revised Date of Completion	<u>8/5/2016</u>	

RECOMMENDED:

ACCEPTED:

APPROVED:

by Paul D. Breier
City Engineer

by Christina Barrett
Contractor 9-12-16

by [Signature]
Mayor

CONTRACT CHANGE ORDER

Calculation of Net Increase / Decrease

No: 1

Date of Issuance: 9/13/2016

Project: FY2015 Storm Sewer Improvements	Engineer: Federici & Akin, PA
Owner: City of Woodbury	Municipality: City of Woodbury

To Contractor: **Gerald A. Barrett, LLC** Address: **329 Lakedale Road** Berlin, NJ 08009

Item No.	Description of Changes	Add'l Quant.	Unit	Unit Cost	DECREASE		INCREASE	
					In Price	In Price	In Price	In Price
Base Contract								
4	EXCAVATION, TEST PIT (IAWD)	-10	Unit	\$0.01		(\$0.10)		
5	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	-50	CY	\$0.01		(\$0.50)		
6	EXCAVATION, UNCLASSIFIED	-50	CY	\$0.01		(\$0.50)		
7	SELECT FILL (IAWD)	166	CY	\$25.00				\$ 4,150.00
8	DENSE GRADED AGGREGATE BASE COURSE, 6" TH.	49	CY	\$10.00				\$ 490.00
9	HOT MIX ASPHALT 19M64 BASE COURSE, 3" THICK	50	SY	\$25.00				\$ 1,250.00
10	ASPHALT MILLING, 3" OR LESS	224	SY	\$12.90				\$ 2,889.60
12	HOT MIX ASPHALT 9.5M64 SURFACE COURSE, 1 1/2" TH.	224	SY	\$14.90				\$ 3,337.60
13	R/R 6"x8"x18" CONCRETE VERT./DEP. CURB	131	LF	\$65.00				\$ 8,515.00
14	R/R 6" THICK CONCRETE GUTTER (IAWD)	-25	LF	\$25.00		(\$625.00)		
15	R/R CONCRETE SIDEWALK, 4" THICK	16	SY	\$90.00				\$ 1,417.50
16	DETECTABLE WARNING SURFACE	16	SF	\$39.90				\$ 638.40
18	INSTALL BICYCLE-SAFE GRATE	1	Unit	\$595.00				\$ 595.00
19	RESET VALVE BOX LID	2	Unit	\$50.00				\$ 100.00
20	R/R MANHOLE LID	-4	Unit	\$250.00		(\$1,000.00)		
21	REMOVE EXISTING STORM SEWER PIPE	-137	LF	\$5.90		(\$805.35)		
22	REMOVE EXIST. STORM SEWER INLET/MANHOLE	1	Unit	\$990.00				\$ 990.00
23	8" DIP, CL. 52, 0' - 6' DEEP	-4	LF	\$125.00		(\$500.00)		
24	12" DIP, CL. 52, 0' - 6' DEEP	8	LF	\$150.00				\$ 1,200.00
25	15" RCP, CL. IV, 0' - 6' DEEP	-23	LF	\$109.00		(\$2,507.00)		
27	24" RCP, CL. III, 0' - 6' DEEP	-8	LF	\$150.00		(\$1,200.00)		
28	24" HDPE PIPE, 0' - 6' DEEP (Install Only)	-125	LF	\$100.00		(\$12,500.00)		
29	13" x 19" CMPA, 0' - 6' DEEP	-9	LF	\$159.00		(\$1,431.00)		
30	INLET, TYPE "B", 0' - 6' DEEP	-1	Unit	\$2,990.00		(\$2,990.00)		
31	INLET, TYPE "E", 0' - 6' DEEP	3	Unit	\$2,990.00				\$ 8,970.00
32	INLET, TYPE "A", 0' - 6' DEEP	1	Unit	\$2,990.00				\$ 2,990.00
33	STORM MANHOLE, 0' - 6' DEEP	-1	Unit	\$3,990.00		(\$3,990.00)		
36	TOPSOIL, 4" THICK (IAWD)	283	SY	\$10.00				\$ 2,830.00
37	FERTILIZER AND SEED, TYPE 3-A, (IAWD)	283	SY	\$5.00				\$ 1,415.00
38	CRUSHED STONE	-18	CY	\$25.00		(\$450.00)		
Alternate Items								
5	REMOVAL & DISPOSAL OF UNSUITABLE MAT.	-5	CY	\$0.01		(\$0.05)		
6	EXCAVATION, UNCLASSIFIED	-10	CY	\$0.01		(\$0.10)		
7	SELECT FILL (IAWD)	26	CY	\$0.01				\$ 0.26
9	HMA 19M64 BASE COURSE, 3" THICK	15	SY	\$25.00				\$ 375.00
12	HMA 9.5M64 SURFACE COURSE, 1 1/2" TH.	26	SY	\$25.00				\$ 641.75
Extra Work Items								
S1	REPLACE SANITARY SEWER MH FRAME & LID	4	Unit	\$990.00				\$ 3,960.00
S2	10" SDR 35 PVC PIPE	100	LF	\$89.90				\$ 8,990.00
S3	INSTALL CONCRETE HEADWALLS	1	LS	\$6,440.00				\$ 6,440.00
TOTALS							(\$27,999.60)	\$62,185.11
NET CHANGE IN CONTRACT PRICE					=			\$34,185.51

JUSTIFICATION:

Items 4, 5, 6, A5, A6, 14, 21, 23 and 38 had minor reductions in quantities or were not constructed/installed.

Items 8, 16, 18, 19, A7, A9, and A12 had minor increases in quantities constructed/installed.

Item 7: Additional fill required for creating the access road to get equipment to the discharge point at Hester's Branch.

Items 9, 10, and 12: Increased area of pavement resurfacing at Columbia/Logan and Davis/ Briar Hill.

Items 13 and 15: added sidewalk and curb replacement at handicap ramps to meet minimum standards.

Items S1 and 20: Eliminated Item 20 and replaced manhole covers with OSHA standard of 30" diameter frame and lid.

Items S2, 22, 24, 25, 27, 28, 29, 30, 31, 32 and 33: Change in design of layout of proposed storm sewer inlets and piping due to site constraints resulted in some items not be constructed and replaced by other items.

Items 36 and 37: Increased area of grass restoration.

Item S3: Installed 2 concrete slab headwalls in railroad drainage ditch per Conrail requirement.

LIST OF SUPPORTING DATA:

1. Summary of Invoices dated 8/18/16
2. Invoices #2016-0405 & #2016-0604 from Gerald A. Barrett

Recommended: *Paul D. Breier*
 City Engineer (Federici & Akin, PA)

Accepted: *Christene Barrett*
 Contractor (Gerald A. Barrett, LLC)

Approved: *[Signature]*
 Mayor (City of Woodbury)

9/12/16
Date

9-12-16
Date

9/14/16
Date