

**RESOLUTION #14-179**

**RESOLUTION AUTHORIZING CHANGE ORDER #1 FOR  
THE 2014 LOCAL ROAD RESURFACING**

**WHEREAS**, the City of Woodbury entered into a contract with American Asphalt Co., Inc. for the 2014 Local Road Resurfacing Project; and

**WHEREAS**, Change Order No. 1 is required to increase the Contract Amount to include all of the changes and extra work directed by the Engineer for additional curb and sidewalk for larger and additional handicap ramps, for asphalt price index adjustment due to the delay in awarding the project and for the additional curb and additional concrete gutter on Discroll Avenue and Glover Street; and

**WHEREAS**, such modifications necessitate the extension of the contract period from 60 to 120 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 \$10,357.52 to the original price of \$221,160.25 for a total contract price of \$231,517.77 which is an increase in the original contract price of 4.68%.

**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; and

**ADOPTED** at a regular meeting of the Mayor and City Council of the City of Woodbury  
held on December 2, 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: 1

Date of Issuance: 12/2/2014

PROJECT: 2014 Local Road Resurfacing

FOR: Supplemental and Extra Work  
Extension of Time

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

NJDOT Project No.: N/A

CONTRACTOR: **American Asphalt Co., Inc.**  
116 Main Street  
W. Collingswood Hgts., NJ 08059  
(856) 456-2899

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

CONTRACT FOR: Mill & Overlay, Ramps, Striping

ENGINEER's Project No.: 13238

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

Description:

Increased amount for "Asphalt Price Index Fluctuation" due to the delay between Bid Opening date of April 2, 2014 and Notice To Proceed date of July 7, 2014 and the increase in material and production costs of asphalt between July and October 2014. Less asphalt base course was required to repair the roadways prior to milling and overlay. Additional concrete curbing and sidewalk were required for the installation of the ADA-compliant curb ramps. Much less granite slab curb needed to be reset because it involved only minor work to realign some sections and replacing the concrete gutter in front of the slabs secured them in place. After the resurfacing was completed the location and quantity of traffic striping and pavement markings were adjusted in the field based on the location of the ramps, the limits of new paving, and the condition of the existing striping adjacent to the project areas. New "STOP" bars were installed at all new ramp locations with a "STOP" sign. The quantity of new concrete gutter and curb increased significantly on Glover Street after closer inspection and evaluation of the cracked, failed or missing concrete. It was decided to replace more of the concrete gutter rather than remove all of the bad sections, grind the entire concrete, and overlay the gutter with asphalt. Additional concrete curb & gutter was required on Driscoll Avenue to provide for a positive slope across one driveway and adjacent gutter line. Also, extra curb & gutter was required at the northeast corner of Dare Street at Driscoll Avenue to replace the section removed adjacent to where a large dead tree was recently removed by Public Works.

Purpose of Change Order:

This Change Order is required to increase the Contract Amount to include all of the changes and extra work directed by the Engineer for additional curb and sidewalk for larger & additional handicap-ramps, for asphalt price index adjustment due to the delay in awarding the project, and for the additional curb and additional concrete gutter on Driscoll Ave. and Glover Street.

Attachments: (List documents supporting change)

Summary of Invoices dated 11/24/14; Inv. #4 from American Asphalt dated 11/20/14; File photos.

Revisions are shown on :

As-built plans prepared by Federici & Akin.

CHANGE IN CONTRACT PRICE:			CHANGE IN CONTRACT TIME:		
Original Contract Price	<u>\$221,160.25</u>		Original Contract Time	<u>60</u>	Days
Previous Change Orders	0 to 0		Notice to Proceed	<u>7/7/2014</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>\$ 221,160.25</u>		Contract Time Prior to Change Order	<u>60</u>	Days
Net Increase (Decrease) of this Change Order	<u>\$10,357.52</u>	4.68 %	Net Increase (Decrease) of this Change Order	<u>60</u>	Days
Contract Price with all Approved Change Orders	<u>\$ 231,517.77</u>	104.68 %	Contract Time with all Approved Change Orders	<u>120</u>	Days
			Revised Date of Completion	<u>November 4, 2014</u>	

RECOMMENDED:

by   
City Engineer

ACCEPTED:

by   
Contractor  
**Joseph R. Ford,**  
Chief Operating Officer

APPROVED:

by   
Mayor

# CONTRACT CHANGE ORDER

## Calculation of Net Increase / Decrease

No: 1

Date of Issuance: 12/2/2014

Project: <b>2014 Local Roads Resurfacing</b>	Engineer: <b>Federici &amp; Akin, PA</b>
Owner: <b>City of Woodbury</b>	Municipality: <b>City of Woodbury</b>

To Contractor: **American Asphalt Co.** Address: **116 Main Street W. Collingswood Hgts., NJ 08059**

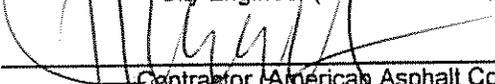
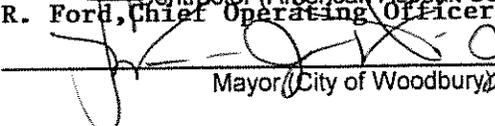
Item No.	Item Description	Final Quant.	Change	Unit	Unit Cost	DECREASE In Contract Price	INCREASE In Contract Price
3	Asphalt Price Index Flucuation	3.512	2.512	LS	\$1,500.00		\$3,767.94
7	Excavation, Test Pit (IAWD)	0	-10	Unit	\$100.00	(\$1,000.00)	
8	Roadway Excavation, Unc.	0	-50	CY	\$20.50	(\$1,025.00)	
13	WMA 19M64 Base Course, 4" Thk. (IAWD)	55.34	-64.66	Ton	\$74.00	(\$4,784.84)	
15	Bicycle-Safe Grate	0	-2	Unit	\$225.00	(\$450.00)	
16	Curb Piece, Type N	0	-2	Unit	\$225.00	(\$450.00)	
17	Concrete Sidewalk, 4" Thk.	267.69	53.7	SY	\$80.75		\$4,335.47
18	Detectable Warning Surface	0	-138	SF	\$35.00	(\$4,760.00)	
19	Concrete Curb, 6" x 8" x 18" (IAWD)	671	31	LF	\$32.45		\$1,005.95
20	R/R Concrete Driveway Apron, 6" Thk. (IAWD)	55	15	SY	\$70.75		\$1,061.25
21	Reset Granite Curb (IAWD)	21	-129	LF	\$16.85	(\$2,173.65)	
23	Reset San. MH Rim (use existing casting)	4	-6	Unit	\$3.50	(\$21.00)	
24	Regulatory and Warning Sign (IAWD)	0	-100	SF	\$1.00	(\$100.00)	
25	Traffic Stripes, Long-life Epoxy (IAWD)	300	25	LF	\$4.50		\$112.50
26	Traffic Markings & Symbols, Long-life Thermo	39	-111	LF	\$7.30	(\$810.30)	
27	Traffic Markings, Thermoplastic (24" STOP Bar)	430	106	SF	\$2.70		\$286.20
S-1	Additional Conc. Curb on Glover Street	218	218	LF	\$43.50		\$9,483.00
S-2	Additional Conc. Curb on Driscoll Avenue	140	140	LF	\$42.00		\$5,880.00
<b>TOTALS</b>						<b>(\$15,574.79)</b>	<b>\$25,932.31</b>
<b>NET CHANGE IN CONTRACT PRICE</b>						<b>=</b>	<b>\$10,357.52</b>

**JUSTIFICATION:**

- 3: Increased amount of asphalt price adjustment due to extended delay from time of bid opening to date of Notice to Proceed.
- 7 & 8: Items not used in the Contract.
- 13: Less base course asphalt was required to repair the roadways prior to milling and overlay.
- 15 & 16: Items not used in the Contract.
- 17: Additional sidewalk required to correctly connect new ADA ramps to existing sidewalks.
- 18: Item not used in the Contract, included with cost of sidewalk.
- 19: Additional curbing required at ADA ramps.
- 20: Additional concrete required to replace driveway aprons to prevent ponding of water along the gutter line.
- 21: Less granite curb needed to be reset or realigned.
- 23: Only 4 manhole rims needed to be reset prior to repaving.
- 24: Item not used in the Contract.
- 25, 26 & 27: Traffic striping and marking quantities reflect actual lengths or areas required for the crosswalks and STOP bars.
- S-1: Increased length of new concrete curb and concrete gutter along Glover Street due to the deteriorated condition or misalignment, and to prevent ponding of runoff along the gutter line.
- S-2: Increased length of new concrete curb and concrete gutter along Driscoll Avenue to provide for positive drainage along the gutter line, and to replace curbing on Dare Street where a large tree was removed by Public Works.

**LIST OF SUPPORTING DATA:**

- |  |                       |
|--|-----------------------|
| 1. Summary of Invoices - Final dated 11/24/14      | 3. File photographs   |
| 2. Invoice #4 from American Asphalt dated 11/20/14 | 4. Inspection Reports |

Recommended: 	<u>12/2/14</u>
City Engineer (Federici & Akin, PA)	Date
Accepted: 	<u>11/26/2014</u>
Joseph R. Ford, Chief Operating Officer Contractor (American Asphalt Co., Inc.)	Date
Approved: 	<u>12-2-14</u>
Mayor (City of Woodbury)	Date