

**RESOLUTION 78 -2017**  
**RESOLUTION APPROVING FINAL PAYMENT NO. 1**  
**RECONSTRUCTION OF WEST JERSEY AVENUE**

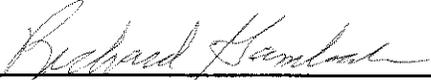
**WHEREAS**, Arawak Paving Company, Inc., as the Contractor for the Reconstruction of West Jersey Avenue Project, has submitted a payment applications for Final Payment No. 1 for work completed in the aggregate sum of One Hundred Fifty Two Thousand Nine Hundred Twenty Dollars and Ninety Five Cents (\$152,920.95); and

**WHEREAS**, the Borough Engineer has verified the as-built quantities and has further recommended approval of the requested Final Payment No. 1 in the amount of \$152,920.95.

**NOW, THEREFORE, BE IT RESOLVED** by the Borough Council of the Borough of Woodbury Heights, with the Mayor concurring, that Final Payment No. 1 in the aggregate sum of One Hundred Fifty Two Thousand Nine Hundred Twenty Dollars and Ninety Five Cents (\$152,920.95) is hereby authorized for payment to the Contractor, Arawak Paving Company, Inc., subject, however, to the following conditions:

1. Satisfaction of the conditions required by the Borough Engineer outlined in correspondence dated August 7, 2017, incorporated herein by reference; and
2. The contractor submitting the requisite one (1) year Maintenance Bond in the amount of \$152,920.95 which shall be approved by the Borough Solicitor prior to the release of the final payment.

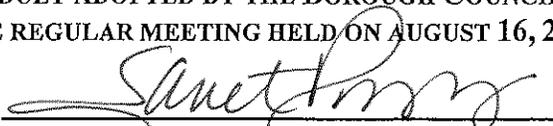
**BOROUGH OF WOODBURY HEIGHTS**

BY:   
**RICHARD GAMBALE, COUNCIL PRESIDENT**

ATTEST:

  
**JANET PIZZI, BOROUGH CLERK**

THE FOREGOING RESOLUTION WAS DULY ADOPTED BY THE BOROUGH COUNCIL OF THE BOROUGH OF WOODBURY HEIGHTS AT THE REGULAR MEETING HELD ON AUGUST 16, 2017.

  
**JANET PIZZI, BOROUGH CLERK**

# SICKELS & ASSOCIATES, INC.

Engineers • Planners • Surveyors

August 7, 2017

Borough of Woodbury Heights  
500 Elm Avenue  
Woodbury Heights, New Jersey 08097

Attention: Janet Pizzi, Borough Clerk/Administrator (Via Email & Standard Mail)

**Reference: Final Payment No. 1  
Reconstruction of West Jersey Avenue  
Borough of Woodbury Heights, Gloucester County, New Jersey  
Contractor: Arawak Paving Company, Inc.  
S&A File No. WH-176**

Dear Ms. Pizzi:

Please be advised that all work for the above referenced project has been completed as required per the Bid Specifications. The Contract was awarded Arawak Paving Company, Inc. of Hammonton, New Jersey in an amount not to exceed \$138,900.00. During the construction of the project Change Order No. 1 was needed to adjust the final as-built quantities that were necessary/not necessary for the proper completion of the Contract that resulted in an overall increase in the Contract Amount of \$14,020.95. The final revised Contract Amount is \$152,920.95.

Enclosed please find a copy of the request for payment dated June 27, 2017, as prepared by Arawak Paving Company, Inc. The Contractor is requesting a final payment in the amount of \$152,920.95.

Our office has reviewed the progress of work completed and verified the as-built quantities requested for payment. The Contractor is requesting payment for the construction layout, traffic cones, drums, construction signs, mobilization, site clearing, the hot mix asphalt milling, the hot mix asphalt surface course, the hot mix asphalt base course, the concrete sidewalk, the concrete driveways, the concrete vertical curb, the detectable warning surface inserts and the traffic stripes.

The Contractor is also requesting payment for the traffic markings, the guide signs with breakaway supports, the regulatory and warning signs with breakaway supports, the resetting of a manhole casting, an inlet curb piece, the tree removal, the preparation of existing soils, the topsoiling, the fertilizing and seeding, the initial inlet reconstruction, a bicycle safe-grate, the final inlet reconstruction and the existing inlet repair. **Based upon the above, our office is recommending payment in the amount of \$152,920.95 contingent upon the approval of Change Order No. 1.**

All of the above items are shown on the attached spreadsheet entitled "Sickels & Associates, Inc. - Asbuilt Quantities Final Payment No. 1" dated August 4, 2017. This reflects our recommendation for payment:

Original Contract Amount.....	\$138,900.00
Change Order No. 1 Amount .....	\$14,020.95
Revised Contract Amount.....	\$152,920.95
Cost of work completed and verified to date .....	\$152,920.95
Retainage (2%).....	\$0.00
Amount Previously Paid.....	\$0.00
<b>Amount recommended this payment.....</b>	<b>\$152,920.95</b>

Sherwood Mews • 833 Kings Highway  
Woodbury, New Jersey 08096-3110  
(856) 848-6800 FAX (856) 848-8520  
www.sickelsassoc.com

Page 2  
August 7, 2017

Reference: Final Payment No. 1  
Reconstruction of West Jersey Avenue  
Borough of Woodbury Heights, Gloucester County, New Jersey  
Contractor: Arawak Paving Company, Inc.  
S&A File No. WH-176

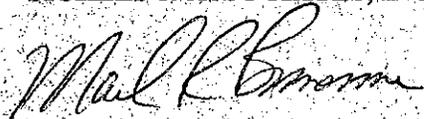
We respectfully request this item be placed on the agenda for approval at the next available Mayor and Council meeting.

It should be noted that the required one (1) year Maintenance Bond in the amount of \$152,920.95 should be submitted and approved prior to the release of final payment. As such, we have contacted the Contractor to have them submit the one (1) year Maintenance Bond in the amount of \$152,920.95. Upon receipt, we will forward the original to your office and a copy to the Borough Solicitor for review and approval. This office will also submit a letter to the Borough to establish the Maintenance Bond period under separate cover.

If you have any questions relative to the above, please contact this office.

Very truly yours,

**SICKELS & ASSOCIATES, INC.**



Mark R. Bruhermer, PE, CME  
Borough of Woodbury Heights Engineer

MRB/ddr

Enclosure

Copy To: Mayor & Council Members, w/enclosure (Via Standard Mail)  
Vikki Holmstrom, Chief Finance Officer, w/enclosure (Via Email & Standard Mail)  
Paul Pheasant, Public Works Superintendent, w/enclosure (Via Email Only)  
Brian Lozuke, Esquire, Borough Solicitor, w/enclosure (Via Email Only)  
Anna Rivera, Arawak Paving Company, Inc., w/enclosure (Via Email Only)  
David Roché, Sickels & Associates, Inc., w/enclosure

REMIT TO:

**ARAWAK PAVING CO, INC.**  
**7503 WEYMOUTH ROAD**  
**HAMMONTON, NJ 08037**  
**(609) 561-4100**

TO: WOODBURY HEIGHTS  
 500 ELM AVENUE  
 WOODBURY HEIGHTS, NJ 08097

PROJECT: RECONSTRUCTION OF  
 WEST JERSEY AVENUE  
 WOODBURY HEIGHTS

DATE: 6/27/2017  
 JOB #: 859  
 EST #: 1 FINAL  
 WORK PERIOD FROM: 6/1/2017  
 TO: 6/23/2017

ATTN: OLIVIER A. PENA @ SICKELS & ASSOCIATES

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ITEM	DESCRIPTION	UNIT		{--CONTRACT--}		PREV	{---CURRENT---		{-----TO DATE-----}	
		PRICE	U/M	QTY	AMOUNT	QTY	QTY	AMOUNT	QTY	AMOUNT
<b>BASE BID</b>										
1	CONSTRUCTION LAYOUT	\$943.15	LS	1	\$943.15		1	\$943.15	1	\$943.15
2	TRAFFIC CONE	\$0.01	UNT	20	\$0.20		20	\$0.20	20	\$0.20
3	DRUM	\$0.01	UNT	30	\$0.30		30	\$0.30	30	\$0.30
4	CONSTRUCTION SIGNS	\$9.00	SF	275	\$2,475.00		275	\$2,475.00	275	\$2,475.00
5	MOBILIZATION	\$10,000.00	LS	1	\$10,000.00		1	\$10,000.00	1	\$10,000.00
6	CLEARING SITE	\$5,000.00	LS	1	\$5,000.00		1	\$5,000.00	1	\$5,000.00
7	EXCAVATION, UNCLASSIFIED	\$0.01	CY	0	\$0.00			\$0.00	0	\$0.00
8	EXCAVATION, TEST PIT	\$0.01	CY	0	\$0.00			\$0.00	0	\$0.00
9	HMA MILLING, 3" OR LESS	\$4.70	SY	4300	\$20,210.00		4300	\$20,210.00	4300	\$20,210.00
10	TACK COAT	\$0.01	GAL	0	\$0.00			\$0.00	0	\$0.00
11	DGA BASE COURSE, 6" THICK	\$0.01	SY	0	\$0.00			\$0.00	0	\$0.00
12	HMA 9.5M64 SURFACE COURSE, 2" THICK	\$70.00	TON	568.71	\$39,809.70		568.71	\$39,809.70	568.71	\$39,809.70
13	HMA 19M64 BASE COURSE, 2" THICK	\$65.00	TON	517.51	\$33,638.15		517.51	\$33,638.15	517.51	\$33,638.15
14	SAWING & SALING JOINT IN HMA	\$0.01	LF	0	\$0.00			\$0.00	0	\$0.00
15	HMA PAVEMENT REPAIR	\$0.01	SY	0	\$0.00			\$0.00	0	\$0.00
16	ASPHALT PRICE ADJUSTMENT	\$2,100.00	LS	0	\$0.00			\$0.00	0	\$0.00
17	CONCRETE SIDEWALK, 4" THICK	\$80.00	SY	70	\$5,600.00		70	\$5,600.00	70	\$5,600.00
18	CONCRETE DRIVEWAY, 6" THICK	\$90.00	SY	27	\$2,430.00		27	\$2,430.00	27	\$2,430.00
19	CONCRETE VERTICAL CURB	\$35.00	LF	279	\$9,765.00		279	\$9,765.00	279	\$9,765.00
20	HMA DRIVEWAY, 3" THICK	\$30.00	SY	0	\$0.00			\$0.00	0	\$0.00
21	DETECTABLE WARNING SURFACE	\$300.00	UNT	4	\$1,200.00		4	\$1,200.00	4	\$1,200.00
22	TRAFFIC STRIPES, LL, EPOXY RESIN, 4"	\$1.20	LF	1740	\$2,088.00		1740	\$2,088.00	1740	\$2,088.00
23	TRAFFIC MARKINGS, THERMOPLASTIC	\$3.20	SF	408	\$1,305.60		408	\$1,305.60	408	\$1,305.60
24	GUIDE SIGN W/ BREAKAWAY SUPPORTS	\$45.00	SF	19.88	\$894.60		19.88	\$894.60	19.88	\$894.60
25	REGULATORY & WARNING SIGN W/ BS	\$30.00	SF	94.5	\$2,835.00		94.5	\$2,835.00	94.5	\$2,835.00
26	RESET MANHOLE CASTING, NEW CASTING	\$900.00	UNT	1	\$900.00		1	\$900.00	1	\$900.00
27	CURB PIECE	\$300.00	UNT	1	\$300.00		1	\$300.00	1	\$300.00
28	TREE REMOVAL, OVER 36" DIAMETER	\$3,200.00	UNT	1	\$3,200.00		1	\$3,200.00	1	\$3,200.00
29	PREPARATION OF EXISTING SOIL	\$0.01	SY	125	\$1.25		125	\$1.25	125	\$1.25
30	TOPSOILING, 4" THICK	\$5.00	SY	125	\$625.00		125	\$625.00	125	\$625.00
31	FERTILIZING & SEEDING, TYPE A	\$1.00	SY	125	\$125.00		125	\$125.00	125	\$125.00
32	TEMPORARY INLET PROTECTION	\$1.00	UNT	0	\$0.00			\$0.00	0	\$0.00
SA-1	INLET RECONSTRUCTION	\$750.00	LS	1	\$750.00		1	\$750.00	1	\$750.00
SA-2	BICYCLE SAFE GRATE	\$350.00	UNT	1	\$350.00		1	\$350.00	1	\$350.00
SA-3	RECONSTRUCT TYPE B INLET	\$375.00	UNT	1	\$375.00		1	\$375.00	1	\$375.00
SA-4	EXISTING TYPE B INLET REPAIR	\$2,500.00	UNT	1	\$2,500.00		1	\$2,500.00	1	\$2,500.00
<b>ALTERNATE NO. 1</b>										
A1	CONCRETE SIDEWALK, 4" THICK	\$80.00	SY	10	\$800.00		10	\$800.00	10	\$800.00
A2	DETECTABLE WARNING SURFACE	\$316.50	UNT	2	\$633.00		2	\$633.00	2	\$633.00
A3	TRAFFIC MARKINGS, THERMOPLASTIC	\$1.20	SF	260	\$312.00		260	\$312.00	260	\$312.00
A4	REGULATORY & WARNING SIGN W/ BS	\$30.00	SF	20	\$600.00		20	\$600.00	20	\$600.00
A5	PREPARATION OF EXISTING SOIL	\$1.00	SY	65	\$65.00		65	\$65.00	65	\$65.00
A6	TOPSOILING, 4" THICK	\$5.00	SY	65	\$325.00		65	\$325.00	65	\$325.00
A7	FERTILIZING & SEEDING, TYPE A	\$1.00	SY	65	\$65.00		65	\$65.00	65	\$65.00
<b>ALTERNATE NO. 2</b>										
B1	CONCRETE SIDEWALK, 4" THICK	\$80.00	SY	10	\$800.00		10	\$800.00	10	\$800.00
B2	DETECTABLE WARNING SURFACE	\$316.50	UNT	2	\$633.00		2	\$633.00	2	\$633.00
B3	TRAFFIC MARKINGS, THERMOPLASTIC	\$1.20	SF	260	\$312.00		260	\$312.00	260	\$312.00

B4	REGULATORY & WARNING SIGN W/ BS	\$30.00	SF	20	\$600.00	20	\$600.00	20	\$600.00
B5	PREPARATION OF EXISTING SOIL	\$1.00	SY	65	\$65.00	65	\$65.00	65	\$65.00
B6	TOPSOILING, 4" THICK	\$5.00	SY	65	\$325.00	65	\$325.00	65	\$325.00
B7	FERTILIZING & SEEDING, TYPE A	\$1.00	SY	65	\$65.00	65	\$65.00	65	\$65.00
					<u>\$152,920.95</u>	<u>\$152,920.95</u>	<u>\$152,920.95</u>		

DIST:

RETAINAGE	0%	\$0.00
		<u>\$0.00</u>
		<u>\$152,920.95</u>

SUBCONTRACTORS:

BILLING  
ACCOUNTING  
JMB  
JP  
MB

**SICKELS & ASSOCIATES, INC. - ASBUILT QUANTITIES**

**FINAL PAYMENT NO. 1**

Reconstruction of West Jersey Avenue

Borough of Woodbury Heights, Gloucester County, New Jersey

File No. WH-176

4-Aug-17

ITEM NO.	DESCRIPTION	QUANTITY	UNIT MEAS.	UNIT COST	TOTAL COST	WORK COMPLETED	VALUE OF WORK COMPLETED
<b>BASE</b>							
1	Construction Layout	1	LS	\$ 943.15	\$ 943.15	1	\$ 943.15
2	Traffic Cone	20	UNIT	\$ 0.01	\$ 0.20	20	\$ 0.20
3	Drum	30	UNIT	\$ 0.01	\$ 0.30	30	\$ 0.30
4	Construction Signs	275	SF	\$ 9.00	\$ 2,475.00	275	\$ 2,475.00
5	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00	1	\$ 10,000.00
6	Clearing Site	1	LS	\$ 5,000.00	\$ 5,000.00	1	\$ 5,000.00
7	Excavation, Unclassified (If & Where Directed)	0	CY	\$ 0.01	\$ -		ITEM DELETED
8	Excavation, Test Pit (If & Where Directed)	0	CY	\$ 0.01	\$ -		ITEM DELETED
9	Hot Mix Asphalt Milling, 3" or More	4,300	SY	\$ 4.70	\$ 20,210.00	4,300	\$ 20,210.00
10	Tack Coat	0	GAL	\$ 0.01	\$ -		ITEM DELETED
11	DGA Base Course, 6" Thick (If & Where Directed)	0	SY	\$ 0.01	\$ -		ITEM DELETED
12	HMA, 9.5M64, Surface Course, 2" Thick	568.71	TON	\$ 70.00	\$ 39,809.70	568.71	\$ 39,809.70
13	HMA, 19M64, Base Course, 2" Thick	517.51	TON	\$ 65.00	\$ 33,638.15	517.51	\$ 33,638.15
14	Sawing & Sealing Joints in Hot Mix Asphalt	0	LF	\$ 0.01	\$ -		ITEM DELETED
15	Hot Mix Asphalt Pavement Repair	0	SY	\$ 0.01	\$ -		ITEM DELETED
16	Asphalt Price Adjustment	0	LS	\$ 2,100.00	\$ -		ITEM DELETED
17	Concrete Sidewalk, 4" Thick	70	SY	\$ 80.00	\$ 5,600.00	70	\$ 5,600.00
18	Concrete Driveway, 6" Thick	27	SY	\$ 90.00	\$ 2,430.00	27	\$ 2,430.00
19	Concrete Vertical Curb	279	LF	\$ 35.00	\$ 9,765.00	279	\$ 9,765.00
20	HMA, Driveway, 3" Thick	0	SY	\$ 30.00	\$ -		ITEM DELETED
21	Detectable Warning Surface (Insert)	4	UNIT	\$ 300.00	\$ 1,200.00	4	\$ 1,200.00
22	Traffic Stripes, Long Life, Epoxy Resin, 4"	1,740	LF	\$ 1.20	\$ 2,088.00	1,740	\$ 2,088.00
23	Traffic Markings, Thermoplastic	408	SF	\$ 3.20	\$ 1,305.60	408	\$ 1,305.60
24	Guide Sign, w/ Breakaway Supports	19.88	SF	\$ 45.00	\$ 894.60	19.88	\$ 894.60
25	Regulatory & Warning Sign, w/ Breakaway Supports	94.50	SF	\$ 30.00	\$ 2,835.00	94.50	\$ 2,835.00
26	Reset Manhole Casting, New Casting	1	UNIT	\$ 900.00	\$ 900.00	1	\$ 900.00
27	Curb Piece	1	UNIT	\$ 300.00	\$ 300.00	1	\$ 300.00
28	Tree Removal, Over 36" Diameter	1	UNIT	\$ 3,200.00	\$ 3,200.00	1	\$ 3,200.00
29	Preparation of Existing Soil	125	SY	\$ 0.01	\$ 1.25	125	\$ 1.25
30	Topsoiling, 4" Thick	125	SY	\$ 5.00	\$ 625.00	125	\$ 625.00
31	Fertilizing & Seeding, Type A	125	SY	\$ 1.00	\$ 125.00	125	\$ 125.00
32	Temporary Inlet Protection	0	UNIT	\$ 1.00	\$ -		ITEM DELETED
<b>ALTERNATE NO. 1</b>							
1	Concrete Sidewalk, 4" Thick	10	SY	\$ 80.00	\$ 800.00	10	\$ 800.00
2	Detectable Warning Surface (Insert)	2	UNIT	\$ 316.50	\$ 633.00	2	\$ 633.00
3	Traffic Markings, Thermoplastic	260	SF	\$ 1.20	\$ 312.00	260	\$ 312.00
4	Regulatory & Warning Sign, w/ Breakaway Supports	20	SF	\$ 30.00	\$ 600.00	20	\$ 600.00
5	Preparation of Existing Soil	65	SY	\$ 1.00	\$ 65.00	65	\$ 65.00
6	Topsoiling, 4" Thick	65	SY	\$ 5.00	\$ 325.00	65	\$ 325.00
7	Fertilizing & Seeding, Type A	65	SY	\$ 1.00	\$ 65.00	65	\$ 65.00
<b>ALTERNATE NO. 2</b>							
1	Concrete Sidewalk, 4" Thick	10	SY	\$ 80.00	\$ 800.00	10	\$ 800.00
2	Detectable Warning Surface (Insert)	2	UNIT	\$ 316.50	\$ 633.00	2	\$ 633.00
3	Traffic Markings, Thermoplastic	260	SF	\$ 1.20	\$ 312.00	260	\$ 312.00

**SICKELS & ASSOCIATES, INC. - ASBUILT QUANTITIES**

**PARTIAL PAYMENT NO. 1**

**Reconstruction of West Jersey Avenue**

**Borough of Woodbury Heights, Gloucester County, New Jersey**

File No. WH-176

4-Aug-17

ITEM NO.	DESCRIPTION	QUANTITY	UNIT MEAS.	UNIT COST	TOTAL COST	WORK COMPLETED	VALUE OF WORK COMPLETED
<b>ALTERNATE NO. 2 (Continued)</b>							
4	Regulatory & Warning Sign, w/ Breakaway Supports	20	SF	\$ 30.00	\$ 600.00	20	\$ 600.00
5	Preparation of Existing Soil	65	SY	\$ 1.00	\$ 65.00	65	\$ 65.00
6	Topsoiling, 4" Thick	65	SY	\$ 5.00	\$ 325.00	65	\$ 325.00
7	Fertilizing & Seeding, Type A	65	SY	\$ 1.00	\$ 65.00	65	\$ 65.00
<b>SUPPLEMENTAL ITEMS</b>							
S-1	Initial Inlet Reconstruction	1	UNIT	\$ 750.00	\$ 750.00	1	\$ 750.00
S-2	Bicycle Safe Grate	1	UNIT	\$ 350.00	\$ 350.00	1	\$ 350.00
S-3	Final Inlet Reconstruction	1	UNIT	\$ 375.00	\$ 375.00	1	\$ 375.00
S-4	Existing Type B Inlet Repair	1	UNIT	\$ 2,500.00	\$ 2,500.00	1	\$ 2,500.00
<b>ORIGINAL CONTRACT AMOUNT</b>					\$ 138,900.00		
<b>CHANGE ORDER NO. 1 AMOUNT</b>					\$ 14,020.95		
<b>REVISED CONTRACT AMOUNT</b>					\$ 152,920.95		
<b>VALUE OF WORK COMPLETED</b>							\$ 152,920.95
<b>RETAINAGE (2%)</b>							\$ -
<b>RETAINAGE (10%)</b>							\$ -
<b>AMOUNT PREVIOUSLY PAID</b>							\$ -
<b>AMOUNT OF THIS PAYMENT</b>							\$ 152,920.95

100%	Project Completion
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