

RESOLUTION NO. 2023-67
APPROVE FINAL CHANGE ORDER NO.1 AND FINAL PAYMENT NO. 4
FOR POTTS MILL ROAD PHASE III
TO: EARLE ASPHALT COMPANY
P.O. DRAWER 556
FARMINGDALE, NJ 07727

WHEREAS, the Township Council authorized the Township Engineer, Colliers Engineering & Design to prepare plans, specifications and obtain bids for the Potts Mill Road Phase III project; and

WHEREAS, Colliers Engineering & Design received the bids on July 14, 2021, at 10:00 a.m.; and

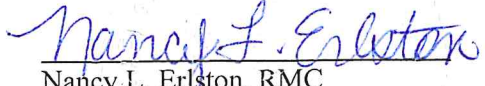
WHEREAS, the Township Engineer, has recommended Final Change Order No. 1 in the amount of \$(792.24) and Final Payment No. 4 in the amount of \$8,422.42 for Potts Mill Road Phase III to: Earle Asphalt Company (see Schedule A attached); and

WHEREAS, the Council of the Township of Florence reviewed the recommendation of the Township Engineer at their March 15, 2023 meeting and accepts his recommendation.

NOW, THEREFORE, BE IT RESOLVED by the Council of the Township of Florence, County of Burlington, State of New Jersey, that Final Change Order No. 1 and Final Payment No. 4 for Potts Mill Road Phase III is hereby approved for Earle Asphalt Company as recommended by the Township Engineer.

*****	*****	*****
Certification of Funds by CFO:		
Account #		Amount
General Capital	Final Change Order No. 1	\$ (792.24)
Ordinance No. 2021-08	Final Payment No.4	\$ 8,422.42
		
		Michelle Chiemiego
		Municipal Treasurer
*****	*****	*****

I, NANCY L. ERLSTON, CLERK of the Township of Florence, County of Burlington, State of New Jersey, do hereby certify that the certification of available funds has been provided to the governing body and that the foregoing is a true copy of the Resolution approved by Township Council at their March 15, 2023 meeting.


Nancy L. Erlston, RMC
Township Clerk

Note: This Resolution approves Final Change Order NO. 1 and Final Payment No. 4 for Potts Mill Road Phase III.

RESOLUTION 2023-67
"SCHEDULE A"

2000 Midlantic Drive Suite 100
Mount Laurel New Jersey 08054
Main: 877 627 3772



Engineering
& Design

February 24, 2023

Ms. Nancy Erlston, Clerk
711 Broad Street,
Florence, NJ 08518

NJDOT FY2020 Municipal Aid Program Roadway Improvements
for Potts Mill Road Improvements Phase III
Length of Project- 1,180 LF
Florence Township, Burlington County NJ

Certification of Completion

Final Change Order No. 1 – Net Reduction - \$792.24

Recommendation of Final Payment No. 4 - \$8,422.42

Colliers Engineering & Design Project No. FLT-122

Dear Ms. Erlston,

Attached please find the recommendation for Payment No. 4 as it relates to the Potts Mill Road Phase III Improvements in Florence Township.

Certification of Completion:

All work has been completed by Earle Asphalt Co. to the satisfaction of the RE.

As Engineer, we certify that the contractor has satisfactorily completed the site work improvements as required by the General Contract; we take no objection to the Township accepting the work and making final payment to Earle Asphalt Co.

Final Change Order No. 1:

Attached please find Final Change Order No. 1 that describes a net reduction in the amount of **\$792.24**, decreasing the original contract amount from **\$421,913.13** to **\$421,120.89**.

Assessed Penalty – Air Voids – Top Surface Course:

In accordance with NJDOT Specifications, the HMA Core Report concludes that the air voids exceeded state standard, therefore a 20-percent penalty is assessed on the Surface Course Pay Item, in the amount of \$9,900.00. This penalty is calculated through line item 21P on the pay certification and change order as a net reduction which was accepted by the NJDOT.

Recommendation of Final Payment Number 4:

The total amount of work completed to date is **\$421,120.89**, less previous payments in the amount of **\$412,698.47**; leaves a payment due in the amount of **\$8,422.42** to the general contractor. This final payment is from the contracted 2% retainage.

Maintenance Bond:

EA must prepare a maintenance bond in the amount of 10-percent of the Final Cost, equating to **\$42,112.09**. This bond should be reviewed and accepted by the Solicitor before releasing the performance bond.

Invoice – Signed by Engineer & Contractor:

Attached is an invoice signed by the engineer and the general contractor.

NJ Prevailing Wage & Affirmative Action Compliance;

NJ Prevailing Wage slips should be on file at your office.

If you should require any additional information regarding our recommendations, please do not hesitate to call me at (732) 977-0127.

Sincerely,

Colliers Engineering & Design, Inc.
(DBA Maser Consulting)



Robert A. Mullin, P.E., PP, CME, CPWM
Municipal Engineer

RAM//nm

Cc: Earle Asphalt Company, Attn: Bill Meade (w/enc)

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NEW JERSEY DEPARTMENT OF TRANSPORTATION
DIVISION OF LOCAL AID AND ECONOMIC DEVELOPMENT
CHANGE ORDER NUMBER - 1
STATE AID PROJECT

Project	NJDOT FY2019 Municipal Aid Program Roadway Improvements for Potts Mill Road Improvements Phase III
Municipality	Township of Florence
County	Burlington County
Contractor	Earle Asphalt Co.

In accordance with the project Supplementary Specification, the following are changes in the contract.

Location and Reason for Change (Attach additional sheets if required)

This change order reflects the reduction, supplemental, and extra item adjustments made for the actual quantity of work performed in the field compared to the bid quantities. This final change order adds additional quantities for Concrete Curb, Asphalt Price Adjustment, Concrete Sidewalk, and Inlet Grate Plates. This final change order also reflects a reduction in quantities for asphalt, base course, Select Fill, RCP, Concrete Driveways, Topsoiling, Traffic control measures, excavation, soil erosion control measures, etc. Supplemental items include DIP and a PVC swale.

Item No.	Description	Quantity (+/-)	Unit	Unit Price	Amount
1	Conc Cylinder Testing	-5	CY	\$50.00	-\$250.00
2	Reset Property Corner Marker	-4	UNIT	\$25.00	-\$100.00
5	Inlet Protection	-15	UNIT	\$0.01	-\$0.15
6	Silt Fence	-85	LF	\$1.00	-\$85.00
9	Asph price Adj @ \$3K	0.801326667	LS	\$3,000.00	\$2,403.98
10	Fuel Price Adj @ \$1K	3.96135	LS	\$1,000.00	\$3,961.35
12	Excav Unclass	-60	CY	\$75.00	-\$4,500.00
13	Excav Test Pit	-3	CY	\$50.00	-\$150.00
15	3/4" Decorative Stone	-20	CY	\$10.00	-\$200.00
16	3/4" Clean Stone	-50	CY	\$10.00	-\$500.00
17	DGA	-170	CY	\$0.01	-\$1.70
19	HMA 25M64 Bse Crs	10	TON	\$27.50	\$275.00
21P	HMA 9.5M64 Surf Crs - Penalty (20% - Air Voids)	110	TON	-\$90.00	-\$9,900.00
24	Breakaway Barricade	-10	UNIT	\$0.01	-\$0.10
25	Drums	-50	UNIT	\$0.01	-\$0.50
26	Traff Cones	-100	UNIT	\$0.01	-\$1.00
28	Reinf Conc Curb	-13	CY	\$950.00	-\$12,350.00
29	16" Ductile Iron Culvert Pipe	-2	LF	\$275.00	-\$550.00
31	Reset Inlet Castings	1	UNIT	\$400.00	\$400.00
33	RR Stone Channel Protect 18" Th (D50=6")	-30	SY	\$104.00	-\$3,120.00
35	Eco-Friendly Curb Pieces 6" High	-4	UNIT	\$500.00	-\$2,000.00
39	Conc SW 4" Th	-18	SY	\$70.00	-\$1,260.00
40	HMA DW 3" Th	73	SY	\$50.00	\$3,650.00
41	Conc DW 6" Th Reinf	-47	SY	\$90.00	-\$4,230.00
43	NJDOT 8"x16" Conc Vert Curb	-13.9	LF	\$55.00	-\$764.50
44	Rem/Repl Conc Curb	81	LF	\$50.00	\$4,550.00
45	6"x8"x18" Conc Vert Curb	-109	LF	\$45.00	-\$4,905.00
46	Header Curb	-50	LF	\$25.00	-\$1,250.00
48	Non-Veg Surf Treatment HMA	130	SY	\$50.00	\$6,500.00
49	Weathering Steel Beam GR	51	LF	\$55.00	\$2,805.00
53	Traff Stripes LL Epoxy Resin 4"	1560	LF	\$0.60	\$936.00
54	Traff Markings Thermo	-236	SF	\$6.25	-\$1,475.00
56	Signs	9.5	SF	\$44.50	\$422.75
57	Reset Signs	3	UNIT	\$150.00	\$450.00
60	Reset Valve Box	-2	UNIT	\$0.01	-\$0.02
62	Turf Rep Strip	-225	LF	\$0.01	-\$2.25
65	Irrigation Line Rep	-100	LF	\$0.01	-\$1.00
66	Repl Irrigation Head	-10	UNIT	\$0.01	-\$0.10
E01	Rip-Rap Stone Slope Prot 9" th	180	SY	\$92.50	\$16,650.00
E02	1028 Slope Improvements	1	LS	\$3,800.00	\$3,800.00

Amount of Original Contract	\$	421,913.13	Extra	\$	26,354.08
Adjusted amount Based on Change Order No. 1.....	\$	421,120.89	Supplemental	\$	20,450.00
			Reduction	\$	(47,596.32)
			Total Change for	\$	(792.24)

% Change in Contract

[(+) Increase or (-) Decrease] -0.19 %


(Engineer)

2/10/2023
(Date)

Approved:

(District Manager) (Date)
(Bureau of Local Aid)


(Presiding Officer)

2/10/23
(Date)


(Contractor)

2/10/23
(Date)

THE TOWNSHIP OF FLORENCE, BURLINGTON CO.

PAYMENT APPLICATION NO. 4

DATE: 2/9/2023

Owner: The Township of Florence
Owner Address: 711 Broad Street, Florence, NJ 08518

Contractor Name:
Contractor Full Address:
Contractor Phone #:
Contractor Email:

Earle Asphalt Company
PO Drawer 556, Farmingdale, NJ 07727
732-904-0560
Binead@EarleCo.com

Project No. FLT122

PAY NO. 4 FINAL

Date Contract Issued:

FROM: 11/23/22 TO: 2/9/23

Period for this pay request:

Name of Project (as it reads on contract):

Potts Mill Rd Phase III

ESTIMATE OF THE AMOUNT AND VALUE OF WORK COMPLETED UNDER CONTRACT FOR:

Item	Description	Contract Quantity	Unit	Unit or Lump Sum Price	Contract Totals	Amended Quantity	Previous Quantity	Current Period Quantity	Current Period Amount	Total To Date Quantity	Total To Date Amount
1	Conc Cylinder Testing	5	CY	\$50.00	\$250.00		0.00	0.00	\$0.00	0.00	0.00
2	Reset Property Corner Marker	4	UNIT	\$25.00	\$100.00		0.00	0.00	\$0.00	0.00	0.00
3	Constr Layout	1	LS	\$8,888.00	\$8,888.00		1.00	0.00	\$0.00	1.00	8,888.00
4	Constr Layout ADA Ramp	3	UNIT	\$450.00	\$1,350.00		3.00	0.00	\$0.00	3.00	1,350.00
5	Inlet Protection	15	UNIT	\$0.15	\$0.15		0.00	0.00	\$0.00	0.00	0.00
6	Silt Fence	685	LF	\$1.00	\$685.00		600.00	0.00	\$0.00	600.00	600.00
7	Uniform Traff Dir @ \$95.00	80	HRS	\$95.00	\$6,800.00		80.00	0.00	\$0.00	80.00	6,800.00
8	No Item			\$0.00	\$0.00		0.00	0.00	\$0.00	0.00	0.00
9	Asph Price Adj @ \$3K	1	LS	\$3,000.00	\$3,000.00		1.00	0.00	\$0.00	1.00	5,403.58
10	Fuel Price Adj @ \$1K	1	LS	\$1,000.00	\$1,000.00		4.96	0.00	\$0.00	4.96	4,961.35
11	Clearing Site	1	LS	\$33,019.51	\$33,019.51		1.00	0.00	\$0.00	1.00	33,019.51
12	Excav Undrass	200	CY	\$75.00	\$15,000.00		140.00	0.00	\$0.00	140.00	10,500.00
13	Excav Test Pit	5	CY	\$50.00	\$250.00		2.00	0.00	\$0.00	2.00	100.00
14	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
15	3/4" Decorative Stone	20	CY	\$10.00	\$200.00		0.00	0.00	\$0.00	0.00	0.00
16	3/4" Clean Stone	50	CY	\$10.00	\$500.00		0.00	0.00	\$0.00	0.00	0.00
17	OGA	200	CY	\$0.01	\$2.00		30.00	0.00	\$0.00	30.00	0.30
18	HMA Milling 3" or Less	4300	SY	\$6.00	\$25,800.00		4,300.00	0.00	\$0.00	4,300.00	25,800.00
19	HMA 25M64 Bse Crs	200	TON	\$27.50	\$5,500.00		210.00	0.00	\$0.00	210.00	5,775.00
20	HMA 9.5M64 Lev Crs	140	TON	\$0.01	\$1.40		140.00	0.00	\$0.00	140.00	1.40
21	HMA 9.5M64 Surf Crs	550	TON	\$90.00	\$49,500.00		550.00	0.00	\$0.00	550.00	49,500.00
*21P	HMA 9.5M64 Surf Crs - Penalty (20% - Air Voids)	0	TON	-\$90.00	\$0.00		110.00	0.00	\$0.00	110.00	-9,900.00
22	Poly Joint Adhesive	1575	LF	\$0.01	\$15.75		1,575.00	0.00	\$0.00	1,575.00	15.75
23	Trak Coat	460	GAL	\$0.01	\$4.60		450.00	0.00	\$0.00	450.00	4.60
24	Breakaway Barricade	10	UNIT	\$0.10	\$0.10		0.00	0.00	\$0.00	0.00	0.00
25	Drums	50	UNIT	\$0.01	\$0.50		0.00	0.00	\$0.00	0.00	0.00
26	Traff Cones	100	UNIT	\$0.01	\$1.00		0.00	0.00	\$0.00	0.00	0.00
27	Const Signs	200	SF	\$2.50	\$500.00		200.00	0.00	\$0.00	200.00	500.00
28	Reinf Conc Curb	30	CY	\$950.00	\$28,500.00		17.00	0.00	\$0.00	17.00	16,150.00
29	16" Ductile Iron Culvert Pipe	24	LF	\$275.00	\$6,600.00		22.00	0.00	\$0.00	22.00	6,050.00
30	Inlet Type B	1	UNIT	\$6,500.00	\$6,500.00		3.00	0.00	\$0.00	3.00	6,500.00
31	Reset Inlet Castings	2	UNIT	\$400.00	\$800.00		3.00	0.00	\$0.00	3.00	1,200.00
32	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
33	RR Stone Channel Protect 18" Th (D50=6")	30	SY	\$104.00	\$3,120.00		0.00	0.00	\$0.00	0.00	0.00
34	Bike Safe Gates	11	UNIT	\$300.00	\$3,300.00		11.00	0.00	\$0.00	11.00	3,300.00
35	Eco-Friendly Curb Pieces 6" High	10	UNIT	\$500.00	\$5,000.00		6.00	0.00	\$0.00	6.00	3,000.00
36	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
37	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
38	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
39	Conc SW 4" Th	735	SY	\$70.00	\$51,450.00		717.00	0.00	\$0.00	717.00	50,190.00
40	HMA DW 3" Th	140	SY	\$50.00	\$7,000.00		213.00	0.00	\$0.00	213.00	10,650.00

THE TOWNSHIP OF FLORENCE, BURLINGTON CO.

Owner: The Township of Florence
Owner Address: 711 Broad Street, Florence, NJ 08518

Contractor Name:
Contractor Full Address:
Contractor Phone #:
Contractor Email:

Name of Project (as it reads on contract):

PAYMENT APPLICATION NO. 4

DATE: 2/9/2023

Date Contract Issued:

FROM: 11/23/22 TO: 2/9/23

Period for this pay request:

Earle Asphalt Company
PO Drawer 556, Farmingdale, NJ 07727
732-904-0560
Bmaad@EarleCo.com

Pots Mill Rd Phase III

Project No. FLT122

PAY NO. 4-FINAL

ESTIMATE OF THE AMOUNT AND VALUE OF WORK COMPLETED UNDER CONTRACT FOR:

Item	Description	Contract Quantity	Unit	Unit or Lump Sum Price	Contract Totals	Amended Quantity	Previous Quantity	Current Period Quantity	Current Period Amount	Total To Date Quantity	Total To Date Amount
41	Conc DW 6" Th Reinl	93	SY	\$50.00	\$8,370.00		46.00	0.00	\$0.00	46.00	4,140.00
42	Detect Warning Surf	24	SF	\$60.00	\$1,440.00		24.00	0.00	\$0.00	24.00	1,440.00
43	NIDOT 9"x16" Conc Vert Curb	52	LF	\$55.00	\$2,860.00		38.16	0.00	\$0.00	38.16	2,095.50
44	Rein/Repl Conc Curb	50	LF	\$50.00	\$2,500.00		141.00	0.00	\$0.00	141.00	7,050.00
45	6"x8"x18" Conc Vert Curb	1743	LF	\$45.00	\$78,435.00		1,634.00	0.00	\$0.00	1,634.00	73,530.00
46	Header Curb	50	LF	\$25.00	\$1,250.00		0.00	0.00	\$0.00	0.00	0.00
47	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
48	Non-Veg Surf Treatment HMA	110	SY	\$50.00	\$5,500.00		240.00	0.00	\$0.00	240.00	12,000.00
49	Weathering Steel Beam GR	199	LF	\$55.00	\$10,945.00		250.00	0.00	\$0.00	250.00	13,750.00
50	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
51	37'-6" Trend-350 Tangent GR Terminal	8	UNIT	\$5,000.00	\$40,000.00		8.00	0.00	\$0.00	8.00	40,000.00
52	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
53	Traff Stripes LL Epoxy Resin 4"	4800	LF	\$0.60	\$2,880.00		6,360.00	0.00	\$0.00	6,360.00	3,816.00
54	Traff Markings Thermo	280	SF	\$6.25	\$1,750.00		44.00	0.00	\$0.00	44.00	275.00
55	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
56	Signs	16	SF	\$44.50	\$712.00		25.50	0.00	\$0.00	25.50	1,134.75
57	Reset Signs	4	UNIT	\$150.00	\$600.00		7.00	0.00	\$0.00	7.00	1,050.00
58	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
59	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
60	Reset Valve Box	2	UNIT	\$0.01	\$0.02		0.00	0.00	\$0.00	0.00	0.00
61	Topsoil/Fert/Seed	1200	SY	\$0.01	\$12.00		1,200.00	0.00	\$0.00	1,200.00	12.00
62	Turf Rep Strip	2000	LF	\$0.01	\$20.00		1,775.00	0.00	\$0.00	1,775.00	17.75
63	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
64	No Item				\$0.00		0.00	0.00	\$0.00	0.00	0.00
65	Irrigation Line Rep	100	LF	\$0.01	\$1.00		0.00	0.00	\$0.00	0.00	0.00
66	Repl Irrigation Head	10	UNIT	\$0.01	\$0.10		0.00	0.00	\$0.00	0.00	0.00
E01	Rip-Rap Stone Slope Prot 5' th	0	SY	\$92.50	\$0.00		180.00	0.00	\$0.00	180.00	16,650.00
E02	1028 Slope Improvements	0	LS	\$3,800.00	\$0.00		1.00	0.00	\$0.00	1.00	3,800.00
Total Contract Amt					\$421,913.13						
Total This Estimate					\$421,913.13						
Total To Date					\$421,913.13						
Net Amount											\$ 421,120.89
Less Previous Estimates											\$ 412,698.47
AMOUNT DUE											\$ 8,422.42
Original Contract Value											\$ 421,913.13
Change Orders to Date											\$ (792.24)
Adjusted Contract Value											\$ 421,120.89

* Item 21P covers the 20-percent
Air Voids Penalty Assessment

CERTIFICATE OF CONTRACTOR

I certify that all items, units, quantities and prices of work and material shown in this progress estimate are correct; that all work has been performed and materials supplied in full accordance with the terms of the contract documents and all authorized changes thereto; that the foregoing is a true and correct statement of the contract account up to and including the last day of the period covered by this estimate, and that no part of the stated amount due this estimate has been received.

BY:  DATE: 2/10/23
APPROVED:  DATE: 2/10/2023
Earle Asphalt Company
Colliers Engineering

**New Jersey Department of Transportation
Division of Local Aid and Economic Development
Hot Mix Asphalt Penalty Determination**

Project:	Potts Mill Road - Phase III Improvements		
Municipality:	Florence	Date Lot was Paved:	4/18/2022
County:	Burlington	Date Lot was Cored:	7/14/2022
Supplier (Name & Plant):	Walter R. Earle Asphalt Co. - Morrisville, PA		
Contractor:	Earle Asphalt Co.		

Instructions: Fill in highlighted cells to calculate air voids and thickness penalties

Core #	Station	Offset	% Air Voids	Thickness	Outlier Detection (Air Voids %)
1	0+61	6.4	5.80	2.30	No Outlier Detected.
2	2+78	16.3	9.40	1.90	No Outlier Detected.
3	6+72	7.5	7.70	1.40	
4	7+94	19	8.80	2.25	
5	11+88	17.5	7.30	2.00	

Is this a resurfacing project? **YES**

Sample Average (% Air Voids): 7.80
 Sample Standard Deviation (% Air Voids): 1.40
 $Q_U = 0.14$ $PD_U = 45.02$
 $Q_L = 4.15$ $PD_L = 0.00$
 $PD \text{ Total} = 45.02$

Sample Average (Thickness): 1.97
 Sample Standard Deviation: 0.36
 (Thickness)
 Design Thickness (T_{des}): **2.00**
 $Q_L = -0.08$
 $PD = 52.85$

Air Voids Penalty (%)
20

Thickness Penalty (%)
0.00

Air Voids Penalty Calculated per NJDOT Special Provisions for State Aid Projects Table 401.03.07-3

Thickness Penalty Calculated per NJDOT Special Provisions for State Aid Projects Table 401.03.07-5

Thickness penalty applies to widenings greater than 8', new construction or complete reconstruction projects.

Resurfacing projects don't have a thickness penalty, but must have a minimum compacted thickness of 1.25"

Name and Address of Testing Laboratory

Key-Tech, 210 Maple Place, Keyport, NJ 07735

Date of AASHTO Accreditation

12/1/1990

Date of AASHTO Inspection

8/19/2020

Asphalt Technologist

Douglas Reilly
 Signature

Asphalt Technologist Title:

General Manager - Key-Tech

The Technician doing the HMA Testing and Analysis must be certified by the Society of Asphalt Plant

Technologists of New Jersey as an Asphalt Technologist, Level 2 or higher

Approved by *Nicholas M...*

Signature - County/Municipal Engineer