

RESOLUTION NO. 2023-66
APPROVE FINAL CHANGE ORDER NO. 1 AND FINAL PAYMENT NO.6
FOR NJDOT FY2019 MUNICIPAL AID PROGRAM ROADWAY IMPROVEMENTS
FOR POTTS MILL ROAD IMPROVEMENTS PHASE II
TO: EARLE ASPHALT COMPANY.
PO 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 NJDOT FY2019 Municipal Aid Potts Mill Road Phase II; and

WHEREAS, the Contract was awarded to Earle Asphalt, Inc. at the May 5, 2021 Council Meeting; and

WHEREAS, the Township Engineer has recommended Final Change Order No.1 in the amount of \$ (20,293.79) and Final Payment No. 6 in the amount of \$10,746.39 (see Schedule A attached) for the Potts Mill Road Phase II to: Earle Asphalt, P.O. Drawer 556, Farmingdale, NJ 07727; and

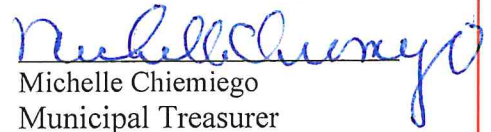
WHEREAS, the Council of the Township of Florence reviewed the recommendation of the Township Engineer at their March 15, 2023 meeting and accepts his recommendation.

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. 6 for the Potts Mill Road Phase II is hereby approved for Earle Asphalt.

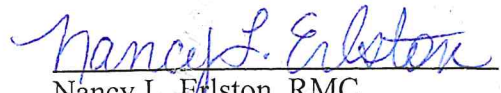
Certification of Funds by CFO:

Account #
General Capital
Ordinance No. 2021-08

	Amount
Final C.O. No.1	\$ (20,293.79)
Final Payment No.6	\$ 10,746.39


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 the 5th Partial Payment for Potts Mill Road Phase II.

RESOLUTION 2023-66
"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 FY2019 Municipal Aid Program Roadway Improvements
for Potts Mill Road Improvements Phase II
Length of Project- 2,106 LF
Florence Township, Burlington County NJ

Certification of Completion

Final Change Order No. 1 - Net Reduction - \$20,293.79

Recommendation of Final Payment No. 6 - \$10,746.39

Colliers Engineering & Design Project No. FLT-110

Dear Ms. Erlston,

Attached please find the recommendation for Final payment No. 6 as it related to the Potts Mill Road Phase II 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 **\$20,293.79**, decreasing the original contract amount from **\$557,613.13** to **\$537,319.34**.

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 15-percent penalty is assessed on the Surface Course Pay Item, in the amount of \$7,591.86. This penalty is calculated through line item 20P on the pay certification and change order as a net reduction which was accepted by the NJDOT.

Recommendation of Final Payment Number 6:

The total amount of work completed to date is **\$537,319.34**, less previous payments in the amount of **\$526,572.95**; leaves a final payment due in the amount of **\$10,746.39** 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 **\$53,731.93**. 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)

R:\Projects\E-H\FLT\FLT-110\CM C\Payments\Pay 6\230224 Final Pay Report.Docx

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

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.

Approved: _____
 (District Manager) (Date)
 (Bureau of Local Aid)

THE TOWNSHIP OF FLORENCE, BURLINGTON CO.

PAYMENT APPLICATION NO. 6

DATE: 2/9/2023

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

Date Contract Issued: 04/16/21

Project No. FLT110

Contractor Name: Earle Asphalt Company
 Contractor Full Address: PO Drawer 556, Farmingdale, NJ 07727
 Contractor Phone #: 732-904-0560
 Contractor Email: Bmends@EarleCo.com

Period for this pay request: FROM: 11/23/22 TO: 2/9/23

PAY NO. 6-FINAL

Name of Project (as it reads on contract):

Potts Mill Rd Phase II

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	Inlet Protection	7	UNIT	\$100.00	\$700.00		7.00		\$0.00	7.00	700.00
2	Silt Fence	1500	LF	\$2.00	\$3,000.00		410.00		\$0.00	410.00	820.00
3	Constr Signs	400	SF	\$1.00	\$400.00		35.00		\$0.00	35.00	35.00
4	Drums	73	UNIT	\$0.01	\$0.73		20.00		\$0.00	20.00	0.20
5	Barricades	10	UNIT	\$0.01	\$0.10		2.00		\$0.00	2.00	0.02
6	Traffic Control Off @ \$73.53/HR	80	HR	\$73.53	\$5,882.40		52.50		\$0.00	52.50	3,860.33
7	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
8	Reset Property Corners	10	UNIT	\$50.00	\$500.00		0.00		\$0.00	0.00	0.00
9	Asph Price Adj @ \$5X	5000	DDL	\$1.00	\$5,000.00		7361.10		\$0.00	7361.10	7,361.10
10	Milling 3" or Less	5800	SY	\$7.50	\$43,500.00		5800.00		\$0.00	5800.00	43,500.00
11	Excav Unclasp	2000	CY	\$24.50	\$49,000.00		1600.00		\$0.00	1600.00	39,200.00
12	Non-Woven Geotextile Fabric	2000	SY	\$1.25	\$2,500.00		1403.00		\$0.00	1403.00	1,753.75
13	Select Fill	3550	CY	\$5.00	\$17,750.00		955.00		\$0.00	955.00	4,775.00
14	3/4" Crushed Stone	100	TON	\$5.00	\$500.00		100.00		\$0.00	100.00	500.00
15	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
16	DGA Base Crs 6" Th	1,100	SY	\$0.01	\$11.00		0.00		\$0.00	0.00	0.00
17	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
18	HMA 2.5M64 Base Crs 4" Th	220	TON	\$90.00	\$19,800.00		207.00		\$0.00	207.00	18,630.00
19	HMA 9.5M64 Lev Crs	100	TON	\$40.00	\$4,000.00		100.00		\$0.00	100.00	4,000.00
20	HMA 9.5M64 Surf Crs 2" Th	675	TON	\$85.00	\$57,375.00		595.44		\$0.00	595.44	50,612.40
20P	HMA 9.5M64 Surf Crs 2" Th - Penalty (15% - Air Voids)	0	TON	-\$85.00	\$0.00		89.32		\$0.00	89.32	-7,591.86
21	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
22	18" Reinf Conc Pipe CI IV	800	LF	\$115.00	\$92,000.00		739.00		\$0.00	739.00	84,985.00
23	Inlets type "B"	4	UNIT	\$7,000.00	\$28,000.00		4.00		\$0.00	4.00	28,000.00
24	Storm MH 4' Dia	2	UNIT	\$7,000.00	\$14,000.00		2.00		\$0.00	2.00	14,000.00
25	EAS Inlet retrofit Grate Plate	1	UNIT	\$325.00	\$325.00		4.00		\$0.00	4.00	1,300.00
26	Bike Safe Grate	1	UNIT	\$348.90	\$348.90		1.00		\$0.00	1.00	348.90
27	White PVC 3 Rail Fence 42" High	150	LF	\$75.00	\$11,250.00		0.00		\$0.00	0.00	0.00
28	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
29	Conc SW 4" Th	930	SY	\$105.00	\$97,650.00		997.00		\$0.00	997.00	104,685.00
30	Detect Warning Surf	2	SY	\$275.00	\$550.00		2.00		\$0.00	2.00	550.00
31	Bevel Conc Joints (Curb/SW)	10	SF	\$50.00	\$500.00		0.00		\$0.00	0.00	0.00
32	Conc Curb Patch	10	SF	\$50.00	\$500.00		0.00		\$0.00	0.00	0.00
33	Conc DW Reinf 6" Th	70	SY	\$115.00	\$8,050.00		51.50		\$0.00	51.50	5,922.50
34	6"x8"x18" Conc Curb	1100	LF	\$45.00	\$49,500.00		1915.00		\$0.00	1915.00	86,175.00
35	Conc Header Curb	250	LF	\$20.00	\$5,000.00		0.00		\$0.00	0.00	0.00
36	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
37	RR Channel Protect 12" Th 6" Dia	15	SY	\$250.00	\$3,750.00		15.00		\$0.00	15.00	3,750.00
38	Traffic Stripes LL 4" Wide	8000	LF	\$0.50	\$4,000.00		8000.00		\$0.00	8000.00	4,000.00
39	Traffic Markings Thermo	80	SF	\$11.50	\$920.00		80.00		\$0.00	80.00	920.00
40	Topsoil/Seed/Straw Mulch	5300	SY	\$4.50	\$23,850.00		5250.00		\$0.00	5250.00	23,625.00
41	Topsoil Stab Matting	1000	SY	\$6.50	\$6,500.00		0.00		\$0.00	0.00	0.00
42	No Item			\$0.00	\$0.00		0.00		\$0.00	0.00	0.00
43	Tree Root Cut	5	UNIT	\$200.00	\$1,000.00		0.00		\$0.00	0.00	0.00
E01	18" DIP	0	LF	\$230.00	\$0.00		27.40		\$0.00	27.40	6,302.00
E02	PVC Swale Crossing	0	LS	\$4,600.00	\$0.00		1.00		\$0.00	1.00	4,600.00
Total Contract Amt					\$557,613.19				\$0.00		\$557,319.34

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:

APPROVED:

Colliers Engineering

DATE

Total This Estimate	\$0.00	Total To Date	\$537,319.34
Net Amount			\$ 537,319.34
Less Previous Estimates			\$ 526,572.95
AMOUNT DUE			\$ 10,746.39
Original Contract Value			\$ 557,613.19
Change Orders to Date			\$ (20,293.75)
Adjusted Contract Value			\$ 537,319.34

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

Project:	Potts Mill Road - Phase II Improvements		
Municipality:	Florence	Date Lot was Paved:	4/15/2022
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	12+22	19.6	7.10	2.74	No Outlier Detected.
2	18+17	6.7	8.20	3.30	No Outlier Detected.
3	24+82	11.2	9.80	1.80	
4	27+70	14.1	6.80	2.70	
5	32+57	15	6.20	3.20	

Is this a resurfacing project? YES

Sample Average (% Air Voids): 7.62
 Sample Standard Deviation (% Air Voids): 1.42
 $Q_U = 0.27$ $PD_U = 40.43$
 $Q_L = 3.96$ $PD_L = 0.00$
 PD Total = 40.43

Sample Average (Thickness): 2.75
 Sample Standard Deviation: 0.59
 (Thickness)
 Design Thickness (T_{des}): 2.00
 $Q_L = 1.26$
 $PD = 9.21$

Air Voids Penalty (%)
15

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