

2000 Midlantic Drive, Suite 100
Mt. Laurel, NJ 08054
T: 856.797.0412 F: 856.722.1120
www.colliersengineering.com



Project Name NIDOT FY 2021 Municipal Aid
Wilbur Henry Drive Resurfacing & Paving Improvements

City, State Township of Florence, Burlington County, NJ
Project # FLT138
Bid Opening April 6, 2022 @ 10:00 am
Florence Township Municipal Bldg
711 Broad Street
Florence, NJ 08518

Theodore Wilkinson, PE, CME
N.J. P.E. Lic. No. 39607

ESTIMATE OF QUANTITIES

Item #		Description	Unit	Contract Quantities	Engineer's Estimate		Richard T. Barrett Paving Co., Inc.		American Asphalt Company, Inc.		Charles Maradino LLC	
					Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1		Concrete Cylinder Testing	CY	16	\$80.00	\$1,280.00	\$50.00	\$800.00	\$230.00	\$3,680.00	\$100.00	\$1,600.00
2		Reset Property Corner Marker (AWD)	UNIT	4	\$175.00	\$700.00	\$600.00	\$2,400.00	\$700.00	\$2,800.00	\$10.00	\$40.00
3		Construction Layout	LS	1	\$4,000.00	\$4,000.00	\$13,000.00	\$13,000.00	\$1,500.00	\$1,500.00	\$15,000.00	\$15,000.00
4		Construction Layout, ADA Ramp	UNIT	23	\$250.00	\$5,750.00	\$600.00	\$13,800.00	\$350.00	\$8,050.00	\$200.00	\$4,600.00
5		Uniformed Traffic Directors (AWD)	HR	80	\$85.00	\$6,800.00	\$85.00	\$6,800.00	\$85.00	\$6,800.00	\$85.00	\$6,800.00
6		Breakaway Barricade	UNIT	10	\$50.00	\$500.00	\$1.00	\$10.00	\$0.01	\$0.10	\$100.00	\$1,000.00
7		Drum	UNIT	20	\$20.00	\$400.00	\$1.00	\$20.00	\$0.01	\$0.20	\$100.00	\$2,000.00
8		Traffic Cone	UNIT	100	\$2.00	\$200.00	\$1.00	\$100.00	\$0.01	\$1.00	\$50.00	\$500.00
9		Construction Signs	SF	100	\$5.00	\$500.00	\$1.00	\$100.00	\$0.01	\$1.00	\$10.00	\$100.00
10		Asphalt Price Adjustment	ALL	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
11		NO ITEM										
12		Clearing Site	LS	1	\$5,000.00	\$5,000.00	\$31,600.00	\$31,600.00	\$60,501.05	\$60,501.05	\$60,000.00	\$60,000.00
13		Excavation, Unclassified (AWD)	CY	40	\$35.00	\$1,400.00	\$45.00	\$1,800.00	\$150.00	\$6,000.00	\$1.00	\$40.00
14		Excavation, Test Pit (AWD)	CY	10	\$100.00	\$1,000.00	\$50.00	\$500.00	\$0.01	\$0.10	\$1.00	\$10.00
15		Dense Graded Aggregate (AWD)	CY	70	\$35.00	\$2,450.00	\$54.00	\$3,780.00	\$80.00	\$5,600.00	\$10.00	\$700.00
16		HMA Milling, 3" or Less	SY	11,000	\$4.25	\$46,750.00	\$2.70	\$29,700.00	\$2.85	\$31,350.00	\$2.00	\$22,000.00
17		Hot Mix Asphalt 25M64, Base Course (AWD)	TON	90	\$90.00	\$8,100.00	\$50.00	\$4,500.00	\$116.00	\$10,440.00	\$90.00	\$8,100.00
18		Hot Mix Asphalt 9.5M64, Leveling Course (AWD)	TON	100	\$90.00	\$9,000.00	\$87.00	\$8,700.00	\$70.00	\$7,000.00	\$1.00	\$100.00
19		Hot Mix Asphalt 9.5M64, Surface Course	TON	1,450	\$95.00	\$137,750.00	\$87.00	\$126,150.00	\$90.00	\$130,500.00	\$90.00	\$130,500.00
20		Polymerized Joint Adhesive	LF	2,650	\$2.00	\$5,300.00	\$2.50	\$6,625.00	\$0.70	\$1,855.00	\$1.00	\$2,650.00
21		Tack Coat	GAL	1,100	\$0.50	\$550.00	\$0.10	\$110.00	\$0.01	\$1.00	\$0.01	\$1.00
22		HMA Raised Crosswalk, Complete	UNIT	2	\$10,000.00	\$20,000.00	\$2,900.00	\$5,800.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00
23		Inlets, Type "B"	UNIT	1	\$8,000.00	\$8,000.00	\$6,900.00	\$6,900.00	\$6,100.00	\$6,100.00	\$4,500.00	\$4,500.00
24		Manhole Casting, Square Frame, Round Cover	UNIT	1	\$1,000.00	\$1,000.00	\$900.00	\$900.00	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
25		Bicycle Safe Grates	UNIT	9	\$400.00	\$3,600.00	\$310.00	\$2,790.00	\$260.00	\$2,340.00	\$400.00	\$3,600.00
26		Eco-Friendly Curb Pieces, 6" High	UNIT	9	\$450.00	\$4,050.00	\$310.00	\$2,790.00	\$200.00	\$1,800.00	\$300.00	\$2,700.00
27		Concrete Sidewalks, 4" THK	SY	1,100	\$60.00	\$66,000.00	\$74.00	\$81,400.00	\$84.00	\$92,400.00	\$110.00	\$121,000.00
28		Concrete Driveways, 6" THK, Reinforced	SY	280	\$100.00	\$28,000.00	\$95.00	\$26,600.00	\$92.00	\$25,760.00	\$120.00	\$33,600.00
29		Detectable Warning Surface	SF	200	\$60.00	\$12,000.00	\$34.00	\$6,800.00	\$45.00	\$9,000.00	\$85.00	\$17,000.00

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Item #		Description	Unit	Contract Quantities	Unit Price	Amount	Unit Price	Amount	Unit Price
30		County Cross Walk, 8" Wide	SF	70	\$115.00	\$8,050.00	\$200.00	\$14,000.00	\$180.00
31		Remove/Replace Concrete Curb (IAWD)	LF	970	\$55.00	\$53,350.00	\$20.00	\$19,400.00	\$29.00
32		6" x 8" x 18" Concrete Vertical Curb	LF	90	\$45.00	\$4,050.00	\$40.00	\$3,600.00	\$29.00
33		Header Curb	LF	60	\$40.00	\$2,400.00	\$62.00	\$3,720.00	\$29.00
34		8" x 9" x 20" County Concrete Vertical curb	LF	100	\$50.00	\$5,000.00	\$48.00	\$4,800.00	\$32.00
35		NO ITEM							
36		Traffic Stripes, Long-Life, Epoxy Resin 4" (IAWD)	LF	5,500	\$1.00	\$5,500.00	\$0.80	\$4,400.00	\$0.75
37		Traffic Markings, Thermoplastic (IAWD)	SF	2,000	\$6.00	\$12,000.00	\$2.30	\$4,600.00	\$2.25
38		NO ITEM							
39		Signs (IAWD)	SF	100	\$40.00	\$4,000.00	\$45.00	\$4,500.00	\$41.50
40		Reset Signs (IAWD)	UNIT	20	\$50.00	\$1,000.00	\$160.00	\$3,200.00	\$155.00
41		Irrigation Line Repair (IAWD)	LF	100	\$25.00	\$2,500.00	\$20.00	\$2,000.00	\$0.01
42		Replace Irrigation Head (IAWD)	UNIT	10	\$100.00	\$1,000.00	\$100.00	\$1,000.00	\$0.01
43		Reset Curb Water Stop, Complete	UNIT	10	\$350.00	\$3,500.00	\$200.00	\$2,000.00	\$160.00
44		Reset Sewer Cleanout & Riser, Complete	UNIT	10	\$350.00	\$3,500.00	\$250.00	\$2,500.00	\$260.00
45		NO ITEM							
46		NO ITEM							
47		Topsoil, Fertilizer, & Seed (IAWD)	SY	200	\$5.00	\$1,000.00	\$20.00	\$4,000.00	\$12.20
48		Turf Repair Strip (IAWD)	LF	1,300	\$2.00	\$2,600.00	\$8.00	\$10,400.00	\$3.90
49		NO ITEM							
50		NO ITEM							
TOTAL						\$494,530.00		\$473,595.00	
								\$505,555.55	
									\$505,741.00

Engineer's Estimate

Richard T. Barrett Paving Co., Inc.
400 Prospect Street
Trenton, NJ 08618

American Asphalt Company, Inc.
100 Main Street
West Collingswood, NJ 08059

Charles Maradino LLC
P.O. Box 20
Milmay, NJ 08340