

Office of the County Engineer
County of Gloucester

Intersection Improvements to State Route 322 and Fries Mill Road (CR 655) in the Township of Monroe

Bid Date: Thursday, November 3, 2022, 10:00 am

Engineering Project #18-05

SUMMARY OF BIDS



SPECIFICATION NO. 18-05

Item No.	Description	Approx. Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION LAYOUT	1	LS	\$24,000.00	\$24,000.00	\$25,000.00	\$25,000.00	\$60,000.00	\$60,000.00
2	CLEARING SITE	1	LS	\$173,508.78	\$173,508.78	\$940,000.00	\$940,000.00	\$150,000.00	\$150,000.00
3	EXCAVATION, TEST PIT	10	CY	\$350.00	\$3,500.00	\$600.00	\$6,000.00	\$220.00	\$2,200.00
4	EXCAVATION, UNCLASSIFIED	44,600	CY	\$16.00	\$713,600.00	\$11.50	\$512,900.00	\$31.00	\$1,382,600.00
5	ASPHALT PRICE ADJUSTMENT	1	DOL	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
6	FUEL PRICE ADJUSTMENT	1	DOL	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
7	Traffic Director, Flagger	750	--	\$70.00	\$52,500.00	\$70.00	\$52,500.00	\$70.00	\$52,500.00
8	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9	BASIN SAND LAYER, 6" THICK	2,740	SY	\$9.15	\$25,071.00	\$16.00	\$43,840.00	\$21.00	\$57,540.00
10	MONUMENT	16	UN	\$900.00	\$14,400.00	\$750.00	\$12,000.00	\$1,000.00	\$16,000.00
11	I-9 SOIL AGGREGATE	7,380	CY	\$32.00	\$236,160.00	\$0.01	\$73,80	\$45.00	\$332,100.00
12	DENSE-GRADED AGGREGATE BASE COURSE, 6"	19,955	SY	\$16.00	\$319,280.00	\$13.50	\$269,392.50	\$19.00	\$379,145.00
13	HMA MILLING, 3" OR LESS	8,340	SY	\$4.85	\$40,449.00	\$2.00	\$16,680.00	\$11.00	\$91,740.00
14	POLYMERIZED JOINT ADHESIVE	6,800	LF	\$1.00	\$6,800.00	\$2.00	\$13,600.00	\$3.50	\$23,800.00
15	TACK COAT	5,327	GAL	\$3.00	\$15,981.00	\$0.01	\$53.27	\$0.01	\$53.27
16	HOT MIX ASPHALT 9.5 ME SURFACE COURSE	3,348	TON	\$115.00	\$385,020.00	\$110.00	\$368,280.00	\$191.00	\$639,468.00

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17	HOT MIX ASPHALT 12.5M64 INTERMEDIATE COURSE	2,836	TON	\$127.00	\$360,172.00	\$110.00	\$311,960.00	\$180.00	\$510,480.00
18	HOT MIX ASPHALT 25 M 64 BASE COURSE	4,433	TON	\$93.00	\$412,269.00	\$120.00	\$531,960.00	\$165.00	\$731,445.00
19	SUBBASE	3,645	CY	\$64.00	\$233,280.00	\$50.00	\$182,250.00	\$90.00	\$328,050.00
20	MMA BIKE LANE TREATMENT	1,060	SY	\$84.00	\$89,040.00	\$83.25	\$88,245.00	\$114.00	\$120,840.00
21	TRAFFIC STRIPES, 4"	19,390	LF	\$0.55	\$10,664.50	\$0.55	\$10,664.50	\$0.75	\$14,542.50
22	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
23	TRAFFIC MARKINGS LINES, 8"	4,940	LF	\$2.00	\$9,880.00	\$2.00	\$9,880.00	\$2.75	\$13,585.00
24	TRAFFIC MARKINGS LINES, 24"	2,180	LF	\$5.25	\$11,445.00	\$5.25	\$11,445.00	\$7.20	\$15,696.00
25	TRAFFIC MARKINGS SYMBOLS	1,320	SF	\$10.80	\$14,256.00	\$11.00	\$14,520.00	\$15.00	\$19,800.00
26	RPM, BI-DIRECTIONAL, AMBER LENS	50	UN	\$34.40	\$1,720.00	\$35.00	\$1,750.00	\$47.00	\$2,350.00
27-28	NO ITEM.	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	REFLECTIVE 'U' POST INSERTS	42	UN	\$40.00	\$1,680.00	\$40.00	\$1,680.00	\$240.00	\$10,080.00
30	REGULATORY WARNING AND GUIDE SIGNS	205	SF	\$46.00	\$9,430.00	\$46.00	\$9,430.00	\$70.00	\$4,350.00
31	RPM, MONO-DIRECTIONAL, AMBER LENS	90	UN	\$34.40	\$3,096.00	\$35.00	\$3,150.00	\$47.00	\$4,230.00
32	RPM, MONO-DIRECTIONAL, WHITE LENS	30	UN	\$34.40	\$1,032.00	\$35.00	\$1,050.00	\$47.00	\$1,410.00
33	CONCRETE SIDEWALK, 4" THICK	2,800	SY	\$80.00	\$224,000.00	\$81.00	\$226,800.00	\$160.00	\$448,000.00
34-35	NO ITEM.	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
36	DETECTABLE WARNING SURFACE	8	SY	\$260.00	\$2,080.00	\$465.00	\$3,720.00	\$550.00	\$4,400.00
37	9" X 16" CONCRETE VERTICAL CURB	6,880	LF	\$29.50	\$202,960.00	\$29.00	\$199,520.00	\$50.00	\$344,000.00
38-40	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
41	TURF REPAIR STRIP	15,000	LF	\$4.60	\$69,000.00	\$0.10	\$1,500.00	\$2.50	\$37,500.00
42	TOPSOIL SPREADING 4" THICK	33,550	SY	\$3.20	\$107,360.00	\$0.50	\$16,775.00	\$5.00	\$167,750.00

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43	FERTILIZING AND SEEDING, TYPE A-3	33,550	SY	\$1.20	\$40,260.00	\$0.15	\$5,032.50	\$3.00	\$100,650.00
44	STRAW MULCHING	33,550	SY	\$1.20	\$40,260.00	\$0.01	\$335.50	\$3.00	\$100,650.00
45	SILT FENCE	14,000	LF	\$10.00	\$140,000.00	\$6.00	\$84,000.00	\$8.00	\$112,000.00
46	BORROW TOPSOIL	3,690	CY	\$0.01	\$36.90	\$0.01	\$36.90	\$45.00	\$166,050.00
47	TOPSOIL STABILIZATION, TYPE 2 MAT	23,500	SY	\$3.55	\$83,425.00	\$2.25	\$52,875.00	\$3.50	\$82,250.00
48-49	NO ITEM	0	---	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
50	OUTFALL SCOUR HOLE	450	SY	\$104.00	\$46,800.00	\$110.00	\$49,500.00	\$80.00	\$36,000.00
51-53	NO ITEM	0	---	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
54	15" REINFORCED CONCRETE PIPE, CLASS V	2,085	LF	\$104.00	\$216,840.00	\$180.00	\$375,300.00	\$100.00	\$208,500.00
55	18" REINFORCED CONCRETE PIPE	5,685	LF	\$171.00	\$972,135.00	\$210.00	\$1,193,850.00	\$104.00	\$591,240.00
56	24" REINFORCED CONCRETE PIPE	460	LF	\$113.00	\$51,980.00	\$210.00	\$96,600.00	\$120.00	\$55,200.00
57	8" HIGH DENSITY POLYETHYLENE PIPE	1,350	LF	\$325.00	\$438,750.00	\$410.00	\$553,500.00	\$75.00	\$101,250.00
58	NO ITEM	0	---	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
59	INLET, TYPE B	44	UN	\$6,000.00	\$264,000.00	\$7,000.00	\$208,000.00	\$8,000.00	\$352,000.00
60	INLET, TYPE E	4	UN	\$5,245.00	\$20,980.00	\$9,000.00	\$86,000.00	\$9,000.00	\$36,000.00
61	CONCRETE HEADWALL	35	CY	\$1,125.00	\$39,375.00	\$1,300.00	\$45,500.00	\$1,800.00	\$63,000.00
62	MANHOLE, 4" DIAMETER	7	UN	\$7,000.00	\$49,000.00	\$9,000.00	\$63,000.00	\$8,000.00	\$56,000.00
63-67	NO ITEM	0	---	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
68	RIPRAP, D50-4IN	196	SY	\$55.00	\$10,780.00	\$70.00	\$13,720.00	\$50.00	\$9,800.00
69	INLET FILTER TYPE 1	40	SF	\$415.00	\$16,600.00	\$20.00	\$800.00	\$40.00	\$1,600.00
70-80	NO ITEM	0	---	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
81	BREAKAWAY BARRICADE	50	UN	\$0.01	\$0.50	\$0.01	\$0.50	\$80.00	\$4,000.00
82	DRUM	290	UN	\$0.01	\$2.90	\$50.00	\$14,500.00		

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83	TRAFFIC CONE	100	UN	\$0.01	\$1.00	\$0.01	\$1.00	\$15.00	\$1,500.00
84	CONSTRUCTION SIGNS	520	SF	\$14.00	\$7,280.00	\$20.00	\$10,400.00	\$19.00	\$9,880.00
85	NO ITEM	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
86	FLASHING ARROW BOARD, 2' X 4'	4	UN	\$2,350.00	\$9,400.00	\$10.00	\$40.00	\$2,000.00	\$8,000.00
87	PORTABLE VARIABLE MESSAGE SIGN	4	UN	\$9,925.00	\$39,700.00	\$5,000.00	\$20,000.00	\$7,500.00	\$30,000.00
88	TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION	4	UN	\$7,004.00	\$28,016.00	\$100.00	\$400.00	\$15,000.00	\$60,000.00
89	NO ITEM.	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
90	CONSTRUCTION DRIVEWAY	4,900	SY	\$25.00	\$122,500.00	\$1.00	\$4,900.00	\$14.00	\$68,600.00
91-99	NO ITEM	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
100	2" RIGID METALLIC CONDUIT	2	SY	\$43.22	\$86.44	\$42.00	\$84.00	\$60.00	\$120.00
101	3" RIGID METALLIC CONDUIT	65	LF	\$82.50	\$5,362.50	\$80.00	\$5,200.00	\$115.00	\$7,475.00
102	18"X36" JUNCTION BOX	5	UN	\$4,755.00	\$23,775.00	\$4,620.00	\$23,100.00	\$6,700.00	\$33,500.00
103	NO ITEM	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
104	4" RIGID METALLIC CONDUIT	30	LF	\$51.50	\$1,545.00	\$50.00	\$1,500.00	\$72.00	\$2,160.00
105	FOUNDATION, TYPE SFT	1	UN	\$5,145.00	\$5,145.00	\$5,000.00	\$5,000.00	\$7,200.00	\$7,200.00
106	FOUNDATION, TYPE P-MC MODIFIED	1	UN	\$11,320.00	\$11,320.00	\$11,000.00	\$11,000.00	\$16,000.00	\$16,000.00
107	FOUNDATION, TYPE STF	4	UN	\$14,410.00	\$57,640.00	\$14,000.00	\$56,000.00	\$20,000.00	\$80,000.00
108-110	NO ITEM	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
111	METER CABINET, TYPE TL	1	UN	\$5,620.00	\$5,620.00	\$5,460.00	\$5,460.00	\$8,000.00	\$8,000.00
112	GROUND WIRE, NO. 8 AWG	425	LF	\$1.55	\$653.75	\$1.50	\$637.50	\$2.20	\$935.00
113-114	NO ITEM	0	—	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
115	MULTIPLE LIGHTING WIRE, NO. 8 AWG	1,080	LF	\$1.55	\$1,674.00	\$1.50	\$1,620.00	\$2.20	\$2,376.00

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116	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
117	SERVICE WIRE, NO. 6 AWG	180	LF	\$3.32	\$597.60	\$3.23	\$581.40	\$5.00	\$90.00
118-119	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
120	CONTROLLER, 8 PHASE	1	UN	\$20,395.00	\$20,395.00	\$19,820.00	\$19,820.00	\$29,000.00	\$29,000.00
121	TRAFFIC SIGNAL STANDARD, ALUMINUM	1	UN	\$3,004.00	\$3,004.00	\$2,920.00	\$2,920.00	\$4,200.00	\$4,200.00
122	TRAFFIC SIGNAL STANDARDS, STEEL (TYPE SC)	4	UN	\$8,040.00	\$32,160.00	\$7,810.00	\$31,240.00	\$11,300.00	\$45,200.00
123	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
124	TRAFFIC SIGNAL MAST ARMS, STEEL	4	UN	\$7,512.00	\$30,048.00	\$7,300.00	\$29,200.00	\$10,500.00	\$42,000.00
125-129	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
130	TRAFFIC SIGNAL CABLE, 2 CONDUCTOR	1,140	LF	\$2.05	\$2,337.00	\$2.00	\$2,280.00	\$3.00	\$3,420.00
131	TRAFFIC SIGNAL CABLE, 5 CONDUCTOR	1,140	LF	\$2.57	\$2,929.80	\$2.50	\$2,850.00	\$4.00	\$4,560.00
132	TRAFFIC SIGNAL CABLE, 10 CONDUCTOR	2,185	LF	\$4.63	\$10,116.55	\$4.50	\$9,832.50	\$7.00	\$15,295.00
133-134	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
135	TRAFFIC SIGNAL HEAD	16	UN	\$1,656.00	\$26,496.00	\$1,610.00	\$25,760.00	\$2,400.00	\$38,400.00
136	PEDESTRIAN SIGNAL HEAD	8	UN	\$1,152.00	\$9,216.00	\$1,120.00	\$8,960.00	\$1,600.00	\$12,800.00
137	PUSH BUTTONS	8	UN	\$408.00	\$3,264.00	\$400.00	\$3,200.00	\$575.00	\$4,600.00

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138-139	NO ITEM	0	--	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
140	CONTROLLER TURN-ON	1	UN	\$5,052.00	\$5,052.00	\$4,910.00	\$4,910.00	\$7,100.00	\$7,100.00
141	RADAR DETECTOR	4	UN	\$9,693.00	\$38,772.00	\$9,420.00	\$37,680.00	\$13,600.00	\$54,400.00
142	INTERIM TRAFFIC SIGNAL SYSTEM, LOCATION 1	1	LS	\$2,521.00	\$2,521.00	\$2,450.00	\$2,450.00	\$3,500.00	\$3,500.00
143	LUMINAIRE (MONGOOSE-150W)	4	UN	\$2,140.00	\$8,560.00	\$2,080.00	\$8,320.00	\$3,000.00	\$12,000.00
144	GENERATOR AUXILIARY CABINET	1	UN	\$8,798.00	\$8,798.00	\$8,550.00	\$8,550.00	\$12,300.00	\$12,300.00
Total Bid				\$6,768,850.22		Total Bid	\$7,148,563.77	Total Bid	\$8,731,765.77

Vincent M. Voltaggio, P.E.
Gloucester County Engineer

date

11-14-22