

**Office of the County Engineer**  
**County of Gloucester**

2021 Gloucester County Bridge Rehabilitation Project in Various Locations Throughout the County

Engineering Project #21-01

Bid Date: Wednesday, March 9, 2022, 10:00 am



**SPECIFICATION NO. 21-01**

Item No.	Description	Approx. Quantity	Unit	Price	Amount	Unit	Price	Amount	Unit	Price	Amount
1	CONSTRUCTION LAYOUT	1	LS	\$5,400.00	\$5,400.00	\$18,000.00	\$18,000.00	\$5,000.00	\$5,000.00		
2	CLEARING SITE	1	LS	\$80,000.00	\$80,000.00	\$80,000.00	\$80,000.00	\$1,140,000.00	\$1,140,000.00		
3	EXCAVATION, TEST PIT	25	CY	\$200.00	\$5,000.00	\$225.00	\$5,625.00	\$750.00	\$18,750.00		
4	EXCAVATION, UNCLASSIFIED	400	CY	\$45.00	\$18,000.00	\$90.00	\$36,000.00	\$115.00	\$46,000.00		
5	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00		
6	FUEL PRICE ADJUSTMENT	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
7	FINAL CLEANUP	1	LS	\$500.00	\$500.00	\$6,000.00	\$6,000.00	\$100.00	\$100.00		
8-10	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00		
11	L-11 SOIL AGGREGATE	100	CY	\$56.00	\$5,600.00	\$115.00	\$11,500.00	\$135.00	\$13,500.00		
12	DENSE GRADED AGGREGATE BASE COURSE, 6"	800	SY	\$17.00	\$13,600.00	\$12.50	\$10,000.00	\$20.00	\$16,000.00		
13	HMA MILLING, 3" OR LESS	1,340	SY	\$10.00	\$13,400.00	\$15.00	\$20,100.00	\$14.00	\$18,760.00		
14	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00		
15	TRACK COAT	135	GAL	\$0.01	\$1.35	\$10.00	\$13,500.00	\$1.00	\$13,500.00		
16	HOT MIX ASPHALT, 12.5ME SURFACE COURSE, 2"	200	TON	\$165.00	\$33,000.00	\$218.00	\$43,600.00	\$150.00	\$30,000.00		
17	NON VEGETATIVE SURFACE, HOT MIX ASPHALT	970	SY	\$55.00	\$53,350.00	\$65.00	\$63,050.00	\$30.00	\$29,100.00		
18-20	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00		
21	TRAFFIC STRIPES, 4"	6,570	LF	\$0.75	\$4,927.50	\$1.95	\$12,811.50	\$1.80	\$11,826.00		

**SUMMARY OF BIDS**



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22-25	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
26	RPM, BI DIRECTIONAL, AMBER LENS			12	UNIT	\$275.00	\$3,300.00	\$185.00	\$2,220.00	\$180.00	\$2,160.00		
27-28	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
29	REFLECTIVE 'U' POST INSERTS			6	UNIT	\$47.00	\$282.00	\$155.00	\$930.00	\$500.00	\$3,000.00		
30	REGULATORY WARNING AND GUIDE SIGNS			60	SF	\$36.00	\$2,160.00	\$50.00	\$3,000.00	\$75.00	\$4,500.00		
31	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
32	CONCRETE SIDEWALK, 8" THICK			15	SY	\$275.00	\$4,125.00	\$151.00	\$2,295.00	\$400.00	\$6,000.00		
33	CONCRETE SIDEWALK, 4" THICK			200	SY	\$120.00	\$24,000.00	\$99.00	\$19,800.00	\$150.00	\$30,000.00		
34	HOT MIX ASPHALT DRIVEWAY, 2" THICK			70	SY	\$96.00	\$6,720.00	\$65.00	\$4,550.00	\$125.00	\$8,750.00		
35	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
36	9"X16" CONCRETE VERTICAL CURB			300	LF	\$52.00	\$15,600.00	\$48.00	\$14,400.00	\$60.00	\$18,000.00		
37	9"X18" CONCRETE VERTICAL CURB			50	LF	\$75.00	\$3,750.00	\$51.50	\$2,575.00	\$100.00	\$5,000.00		
38	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
39	TEMPORARY SHIELDING			1	LS	\$2,500.00	\$2,500.00	\$40,000.00	\$40,000.00	\$200,000.00	\$200,000.00		
40	GEOTEXTILE STABILIZATION FABRIC			140	SY	\$4.50	\$630.00	\$11.25	\$1,575.00	\$3.00	\$420.00		
41	TURF REPAIR STRIP			300	L.F.	\$8.00	\$2,400.00	\$5.00	\$1,500.00	\$20.00	\$6,000.00		
42	TOPSOILING, 4" THICK			200	SY	\$16.50	\$3,300.00	\$12.00	\$2,400.00	\$20.00	\$4,000.00		
43	FERTILIZING AND SEEDING, TYPE A-3			200	SY	\$22.00	\$4,000.00	\$31.00	\$600.00	\$2.00	\$400.00		
44	STRAW MULCHING			200	SY	\$4.50	\$900.00	\$31.00	\$600.00	\$2.00	\$400.00		
45	VIDEO INSPECTION OF PIPE			590	LF	\$4.50	\$2,655.00	\$12.00	\$7,080.00	\$10.00	\$5,900.00		
46	CLEANING OF EXISTING PIPE, 12" TO 21"			205	LF	\$10.00	\$2,050.00	\$24.00	\$4,920.00	\$30.00	\$6,150.00		
47	CLEANING OF EXISTING PIPE, 24" TO 48"			385	LF	\$14.00	\$5,390.00	\$25.00	\$9,625.00	\$50.00	\$19,250.00		
48	28" X 20" DIAMETER PIPE LINING			660	LF	\$190.00	\$125,400.00	\$230.00	\$15,1,800.00	\$200.00	\$132,000.00		
49	30" DIAMETER PIPE LINING			40	LF	\$600.00	\$24,000.00	\$713.00	\$28,520.00	\$635.00	\$25,400.00		

**SUMMARY OF BIDS**



**SPECIFICATION NO. 21-01**

Item No.	Description	Approx. Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
50	242" X 148" CORRUGATED ELLIPTICAL METAL PIPE HALF	60	LF	\$3,500.00	\$210,000.00	\$5,200.00	\$312,000.00	\$2,500.00	\$150,000.00
51	105" CORRUGATED ELLIPTICAL METAL PIPE HALF	80	LF	\$2,200.00	\$176,000.00	\$3,320.00	\$265,600.00	\$2,500.00	\$200,000.00
52	24" HIGH DENSITY POLYETHYLENE PIPE	20	LF	\$61.00	\$1,220.00	\$130.00	\$2,600.00	\$275.00	\$5,500.00
53-60	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00
61	RECONSTRUCTED MANHOLE USING EXISTING CASTING	2	UNIT	\$930.00	\$1,860.00	\$850.00	\$1,700.00	\$2,200.00	\$4,400.00
62	RECONSTRUCTED INLET, TYPE 'B' USING NEW TYPE 'E' INLET CASTING	2	UNIT	\$2,200.00	\$4,400.00	\$3,440.00	\$6,880.00	\$3,400.00	\$6,800.00
63	RECONSTRUCTED INLET, TYPE 'E' USING EXISTING CASTING	3	UNIT	\$930.00	\$2,790.00	\$1,840.00	\$5,520.00	\$3,400.00	\$10,200.00
64	RECONSTRUCTED INLET, TYPE 'B' USING EXISTING CASTING	5	UNIT	\$930.00	\$4,650.00	\$1,600.00	\$8,000.00	\$2,200.00	\$11,000.00
65	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00
66	RECONSTRUCTED INLET, TYPE 'A' USING EXISTING CASTING	2	UNIT	\$930.00	\$1,860.00	\$1,100.00	\$2,200.00	\$2,200.00	\$4,400.00
67	RENO MATTRESS, 12"	140	SY	\$170.00	\$23,800.00	\$415.00	\$58,100.00	\$250.00	\$35,000.00
68	NO ITEM					\$0.00	\$0.00	\$0.00	\$0.00
69	RIPRAP STONE SLOPE PROTECTION, 24" THICK d50=12"	220	SY	\$120.00	\$26,400.00	\$235.00	\$51,700.00	\$155.00	\$34,100.00
70	RIPRAP STONE CHANNEL PROTECTION, 24" THICK d50=12"	220	SY	\$66.00	\$21,120.00	\$245.00	\$53,900.00	\$170.00	\$37,400.00
71	BEAM GUIDE RAIL, BRIDGE	20	LF	\$256.00	\$4,720.00	\$300.00	\$6,000.00	\$160.00	\$3,200.00
72	BEAM GUIDE RAIL	1,400	LF	\$36.00	\$50,400.00	\$25.00	\$77,000.00	\$29.00	\$40,600.00

**SUMMARY OF BIDS**



**SPECIFICATION NO. 21-01**

Item No.	Description	Approx. Quantity	Unit	Unit Price	Amount	Unit	Unit Price	Amount	Unit	Unit Price	Amount
73	TANGENT GUIDE RAIL TERMINAL	14	UNIT	\$3,390.00	\$46,200.00	\$3,920.00	\$55,020.00	\$3,600.00	\$50,400.00		
74	BEAM GUIDE RAIL ANCHORAGE	3	UNIT	\$1,330.00	\$4,050.00	\$1,680.00	\$5,040.00	\$1,000.00	\$3,000.00		
75	BEAM GUIDE RAIL POSTS	15	UNIT	\$53.00	\$795.00	\$1,245.00	\$1000.00	\$1,500.00	\$80.00	\$1,200.00	
76	CONTROLLED RELEASE TERMINAL	1	UNIT	\$1,450.00	\$1,450.00	\$1,780.00	\$1,780.00	\$2,000.00	\$2,000.00		
77	CONTROLLED RELEASE TERMINAL, ANCHORAGE	1	UNIT	\$1,700.00	\$1,700.00	\$2,130.00	\$2,130.00	\$2,000.00	\$2,000.00		
78	APPROACH GUIDE RAIL TRANSITION, TL-3	12	UNIT	\$4,500.00	\$54,000.00	\$5,350.00	\$64,200.00	\$2,800.00	\$33,600.00		
79	APPROACH GUIDE RAIL TRANSITION, TL-2	6	UNIT	\$2,200.00	\$13,200.00	\$2,735.00	\$16,410.00	\$2,000.00	\$12,000.00		
80	BURIED GUIDE RAIL TERMINAL	2	UNIT	\$2,500.00	\$5,000.00	\$3,070.00	\$6,140.00	\$2,000.00	\$4,000.00		
81	BREAKAWAY BARRICADE	25	UNIT	\$0.01	\$0.25	\$0.01	\$0.25	\$1.00	\$25.00		
82	DRUM	100	UNIT	\$0.01	\$1.00	\$0.01	\$1.00	\$1.00	\$100.00		
83	TRAFFIC CONE	100	UNIT	\$0.01	\$1.00	\$0.01	\$1.00	\$1.00	\$100.00		
84	CONSTRUCTION SIGNS	400	SF	\$12.00	\$4,800.00	\$19.25	\$7,700.00	\$15.00	\$66,000.00		
85	CONSTRUCTION BARRIER CURB	120	LF	\$0.01	\$1.20	\$85.00	\$10,200.00	\$25.00	\$3,000.00		
86	TRAFFIC DIRECTOR FLAGGER	700	MH	\$70.00	\$49,000.00	\$70.00	\$49,000.00	\$70.00	\$49,000.00		
87	PORTABLE VARIABLE MESSAGE SIGN	4	UNIT	\$1,800.00	\$7,200.00	\$1,200.00	\$4,800.00	\$3,000.00	\$12,000.00		
88	TRAFFIC CONTROL TRUCK WITH MOUNTED CRASH CUSHION	2	UNIT	\$2,700.00	\$5,400.00	\$8,000.00	\$16,000.00	\$1,000.00	\$2,000.00		
89	PRESSURE INJECTION, CONCRETE CRACKS	750	LF	\$95.00	\$71,250.00	\$100.00	\$75,000.00	\$110.00	\$82,500.00		
90	CONCRETE REPAIRS, TYPE 'B'	40	SF	\$350.00	\$14,000.00	\$460.00	\$18,400.00	\$340.00	\$13,600.00		
91	CONCRETE REPAIRS, TYPE 'D'	320	SF	\$350.00	\$112,000.00	\$280.00	\$89,600.00	\$340.00	\$108,800.00		
92	CONCRETE SURFACE COURSE, 10" THICK	790	SY	\$425.00	\$335,750.00	\$236.00	\$186,440.00	\$260.00	\$205,400.00		
93	CONCRETE BRIDGE PARAPET, 4'2" HIGH HEAVY	410	LF	\$1,050.00	\$430,500.00	\$1,352.00	\$554,320.00	\$500.00	\$205,000.00		
94	CONCRETE ABUTMENT WALL	11	CY	\$6,000.00	\$66,000.00	\$4,540.00	\$49,940.00	\$2,500.00	\$27,500.00		

**SUMMARY OF BIDS**



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Item No.	Description	Approx. Quantity	Unit	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
95	PARGING AND PAINTING OF EXISTING PARAPET WALLS, ALL SIDES	350	LF	\$105.00	\$36,750.00	\$127.00	\$44,450.00	\$100.00	\$35,000.00
96	EPOXY WATERPROOFING	400	SY	\$130.00	\$52,000.00	\$84.50	\$33,800.00	\$130.00	\$52,000.00
97	PNEUMATICALLY APPLIED MORTAR	1,100	SF	\$220.00	\$242,000.00	\$74.00	\$81,400.00	\$215.00	\$236,500.00
98	PRESSURE TREATED TIMBER RAILING	110	LF	\$190.00	\$20,900.00	\$240.00	\$26,400.00	\$100.00	\$11,000.00
99	PRESSURE TREATED 6"x6" TIMBER WALE	5	UNIT	\$3,000.00	\$15,000.00	\$740.00	\$3,700.00	\$3,500.00	\$17,500.00
100	PRESSURE TREATED 2" X 6" TIMBER SIDEWALK	430	SF	\$46.00	\$19,780.00	\$20.00	\$38,600.00	\$25.00	\$10,750.00
101	PRESSURE TREATED TIMBER CROSS BRACING	10	UNIT	\$1,600.00	\$16,000.00	\$710.00	\$7,100.00	\$1,600.00	\$16,000.00
102	PRESSURE TREATED 4" X 14" X 12' TIMBER GIRDER	2	UNIT	\$7,500.00	\$15,000.00	\$7,000.00	\$14,000.00	\$1,900.00	\$3,800.00
103	PRESSURE TREATED WING WALL SHEETING PATCHES	50	SF	\$100.00	\$5,000.00	\$140.00	\$7,000.00	\$275.00	\$13,750.00
104	ANCHOR HYDRANT PIPE TO BRIDGE STRUCTURE	1	UNIT	\$280.00	\$280.00	\$9,050.00	\$9,050.00	\$2,500.00	\$2,500.00
105	CROSS BRACING HARDWARE	5	UNIT	\$400.00	\$2,000.00	\$1,540.00	\$7,700.00	\$750.00	\$3,750.00
106	BRIDGE PLAQUE	4	UNIT	\$1,900.00	\$7,600.00	\$22,580.00	\$10,320.00	\$3,000.00	\$12,000.00
107	RESET EXISTING BRIDGE PLAQUE	4	UNIT	\$425.00	\$1,700.00	\$600.00	\$2,400.00	\$950.00	\$3,800.00
108	SILT FENCE	300	LF	\$8.75	\$2,625.00	\$6.75	\$2,025.00	\$10.00	\$3,000.00
109	HEAVY DUTY SILT FENCE	400	LF	\$8.75	\$3,500.00	\$9.75	\$3,900.00	\$15.00	\$6,000.00
110	INLET FILTER, TYPE 2, 2'X4'	10	UNIT	\$140.00	\$1,400.00	\$225.00	\$2,250.00	\$50.00	\$500.00
111	FLOATING TURBIDITY BARRIER	300	LF	\$22.00	\$6,600.00	\$52.00	\$15,600.00	\$40.00	\$12,000.00
				Total Bid	\$2,664,444.30	Total Bid	\$2,952,943.75	Total Bid	\$3,614,766.00

\*Error in addition item No. 88

3-10-22

date

Vincent M. Voltaggio, P.E.

Gloucester County Engineer