

CONTRACT I.D.:DN11642028

PROJECT DESCRIPTION: GUARDRAIL (MAINTENANCE & REPAIR - ANNUAL)

PROJECT LOCATION: ALONG VARIOUS ROUTES THROUGHOUT DISTRICT 1

WBS ELEMENT: 14.104520, 14.104540, 14.107520, 14.107540, 14.108820

TIP NO. N/A

FED. AID NO.: N/A

LET DATE: 10/25/2016

LET TIME: 2:00 PM

ENGINEER'S ESTIMATE: \$ 273,778.34

No.	Section	Item	Quantity	Unit	9.0%		BAGWELL FENCE CO., INC.		BULLINGTON CONSTRUCTION, INC.		100.0%	Amount
					Unit price	Amount	Unit price	Amount	Unit price	Amount		
1	800	ROUTINE MOBILIZATION	20	EA	\$ 1.00	\$ 20.00	\$ 500.00	\$ 10,000.00				\$ -
2	800	EMERGENCY MOBILIZATION	10	EA	\$ 500.00	\$ 5,000.00	\$ 1,500.00	\$ 15,000.00				\$ -
3	862	SHOP CURVED GUARDRAIL (VARIOUS RADII)	200	LF	\$ 8.50	\$ 1,700.00	\$ 36.00	\$ 7,200.00				\$ -
4	862	TERMINAL END SECTION	5	EA	\$ 4.00	\$ 20.00	\$ 75.00	\$ 375.00				\$ -
5	862	STEEL BEAM GUARDRAIL WITH STEEL POSTS	3000	LF	\$ 21.00	\$ 63,000.00	\$ 30.00	\$ 90,000.00				\$ -
6	862	STEEL BEAM GUARDRAIL WITH WOODEN POSTS	100	LF	\$ 6.00	\$ 600.00	\$ 28.00	\$ 2,800.00				\$ -
7	862	WEATHERING STEEL GUARDRAIL WITH STEEL POSTS	100	LF	\$ 7.00	\$ 700.00	\$ 30.00	\$ 3,000.00				\$ -
8	862	STEEL BEAM GUARDRAIL, DOUBLE FACED	200	LF	\$ 10.00	\$ 2,000.00	\$ 40.00	\$ 8,000.00				\$ -
9	862	ADDITIONAL GUARDRAIL POSTS (STEEL)	100	EA	\$ 27.50	\$ 2,750.00	\$ 100.00	\$ 10,000.00				\$ -
10	862	ADDITIONAL GUARDRAIL POSTS (WEATHERED)	50	EA	\$ 10.00	\$ 500.00	\$ 100.00	\$ 5,000.00				\$ -
11	862	ADDITIONAL GUARDRAIL POSTS (WOODEN)	25	EA	\$ 11.00	\$ 275.00	\$ 50.00	\$ 1,250.00				\$ -
12	862	BUFFERED END SECT.-BCT-1, CAT-A, AT-1	5	EA	\$ 12.00	\$ 60.00	\$ 200.00	\$ 1,000.00				\$ -
13	862	TYPICAL END SHOE	2	EA	\$ 13.00	\$ 26.00	\$ 75.00	\$ 150.00				\$ -
14	862	GUARDRAIL WITH PREPUNCHED HOLES FOR CABLE ASSEMBLY (RAIL ONLY)	100	LF	\$ 3.00	\$ 300.00	\$ 40.00	\$ 4,000.00				\$ -
15	862	STEEL BEAM GUARDRAIL (RAIL ONLY)	2500	LF	\$ 10.00	\$ 25,000.00	\$ 25.00	\$ 62,500.00				\$ -
16	862	WEATHERING STEEL GUARDRAIL (RAIL ONLY)	200	LF	\$ 8.00	\$ 1,600.00	\$ 26.00	\$ 5,200.00				\$ -
17	862	GUARDRAIL ANCHOR UNIT-CAT-1	5	EA	\$ 155.00	\$ 775.00	\$ 450.00	\$ 2,250.00				\$ -
18	862	TYPE 350 ANCHOR UNIT	25	EA	\$ 2,216.00	\$ 55,400.00	\$ 2,750.00	\$ 68,750.00				\$ -
19	862	TYPE 350 ANCHOR UNIT (WEATHERED)	3	EA	\$ 100.00	\$ 300.00	\$ 4,000.00	\$ 12,000.00				\$ -
20	862	M-350 ANCHOR UNIT	5	EA	\$ 1,400.00	\$ 7,000.00	\$ 2,500.00	\$ 12,500.00				\$ -
21	862	M-350 ANCHOR UNIT (WEATHERED)	3	EA	\$ 100.00	\$ 300.00	\$ 3,800.00	\$ 11,400.00				\$ -
22	862	TYPE 350 ANCHOR UNIT-IMPACT HEAD	5	EA	\$ 100.00	\$ 500.00	\$ 1,200.00	\$ 6,000.00				\$ -
23	862	TYPE 350 ANCHOR UNIT-GUARDRAIL END SECTION	5	EA	\$ 2.50	\$ 12.50	\$ 2,000.00	\$ 10,000.00				\$ -
24	862	TYPE 350 ANCHOR UNIT-ANCHOR BOX, CABLE WITHOUT HDWE	5	EA	\$ 5.00	\$ 25.00	\$ 100.00	\$ 500.00				\$ -
25	862	TYPE 350 ANCHOR UNIT-CABLE ASSEMBLY	5	EA	\$ 10.00	\$ 50.00	\$ 100.00	\$ 500.00				\$ -
26	862	TYPE 350 ANCHOR UNIT-BREAKAWAY WOOD POST, 6" x 8" x 6'	25	EA	\$ 4.50	\$ 112.50	\$ 100.00	\$ 2,500.00				\$ -
27	862	EXTRA LENGTH STEEL GUARDRAIL POSTS	200	LF	\$ 4.00	\$ 800.00	\$ 100.00	\$ 20,000.00				\$ -
28	862	TRIPLE CORRUGATED STEEL BEAM GUARDRAIL WITH STEEL POSTS	50	LF	\$ 30.00	\$ 1,500.00	\$ 40.00	\$ 2,000.00				\$ -
29	862	W-TR TRANSITION SECTION	2	EA	\$ 25.00	\$ 50.00	\$ 250.00	\$ 500.00				\$ -
30	862	TUBULAR THRIE BEAM RAIL	50	LF	\$ 185.00	\$ 9,250.00	\$ 250.00	\$ 12,500.00				\$ -
31	862	STRUCTURE ANCHOR UNIT-TYPE XI-APPROACH	2	EA	\$ 45.00	\$ 90.00	\$ 2,000.00	\$ 4,000.00				\$ -
32	862	STEEL BEAM GUARDRAIL-NEW INSTALLATION	500	LF	\$ 14.00	\$ 7,000.00	\$ 24.00	\$ 12,000.00				\$ -
33	862	STEEL BEAM GUARDRAIL ANCHOR UNIT-NEW INSTALLATION	150	LF	\$ 1.00	\$ 150.00	\$ 50.00	\$ 7,500.00				\$ -
34	862	TYPE 350 GUARDRAIL ANCHOR UNIT-NEW INSTALLATION	5	EA	\$ 1,500.00	\$ 7,500.00	\$ 2,800.00	\$ 14,000.00				\$ -
35	862	GRAU STRUT ASSEMBLY	1	EA	\$ 2.50	\$ 2.50	\$ 100.00	\$ 100.00				\$ -
36	862	GRAU-350 ANCHOR RAIL ONLY	2	EA	\$ 860.00	\$ 1,720.00	\$ 800.00	\$ 1,600.00				\$ -
37	864	REMOVE AND RESET EXISTING GUARDRAIL	200	LF	\$ 9.00	\$ 1,800.00	\$ 12.50	\$ 2,500.00				\$ -
38	864	REMOVE AND RESET EXIST GUARDRAIL END UNIT	2	EA	\$ 100.00	\$ 200.00	\$ 1,000.00	\$ 2,000.00				\$ -
39	865	DOUBLE FACED CABLE GUIDERAIL	200	LF	\$ 5.00	\$ 1,000.00	\$ 10.00	\$ 2,000.00				\$ -
40	865	CABLE ANCHOR BRACKET GR TYPE 350	2	EA	\$ 2.50	\$ 5.00	\$ 50.00	\$ 100.00				\$ -
41	865	GR EXTRUDER FOR GUARDRAIL TYPE 350	2	EA	\$ 300.00	\$ 600.00	\$ 800.00	\$ 1,600.00				\$ -
42	865	CABLE ASSEMBLY 3/4" X 6'6" FOR GRU TYPE 350	2	EA	\$ 7.00	\$ 14.00	\$ 100.00	\$ 200.00				\$ -
43	865	ST YELDING TERM POST 1/2 HOLES GR TYPE 350	2	EA	\$ 60.00	\$ 120.00	\$ 150.00	\$ 300.00				\$ -
44	865	ET HBA POST #1 TOP FOR GR TYPE 350	2	EA	\$ 500.00	\$ 1,000.00	\$ 150.00	\$ 300.00				\$ -
45	865	ET HBA POST #1&2 BOTTOM FOR GR TYPE 350	2	EA	\$ 5.00	\$ 10.00	\$ 150.00	\$ 300.00				\$ -
46	865	ET HBA POST #2 UP TO POST #8 TOP GR TYPE 350	2	EA	\$ 5.00	\$ 10.00	\$ 150.00	\$ 300.00				\$ -
47	865	6'6" ANGLE STRUT FOR GR TYPE 350	2	EA	\$ 3.00	\$ 6.00	\$ 100.00	\$ 200.00				\$ -

48	862	IMPACT ATTENUATOR NOSE PIECE	2	EA	\$ 1,095.00	\$ 2,190.00	\$ 2,500.00	\$ 5,000.00	\$ -
49	862	IMPACT ATTENUATOR SIDE PANELS	6	EA	\$ 75.00	\$ 450.00	\$ 1,200.00	\$ 7,200.00	\$ -
50	862	IMPACT ATTENUATOR CARTRIDGE	5	EA	\$ 75.00	\$ 375.00	\$ 1,500.00	\$ 7,500.00	\$ -
51	865	CABLE GUIDERAIL POSTS	200	EA	\$ 76.00	\$ 15,200.00	\$ 165.00	\$ 33,000.00	\$ -
52	865	CABLE ANCHOR POSTS	10	EA	\$ 64.00	\$ 640.00	\$ 100.00	\$ 1,000.00	\$ -
53	865	CABLE HOOKS	25	EA	\$ 10.00	\$ 250.00	\$ 5.00	\$ 125.00	\$ -
54	865	CABLE GUIDERAIL RETENSION CABLE	10	EA	\$ 23.00	\$ 230.00	\$ 100.00	\$ 1,000.00	\$ -
55	1101	TEMPORARY LANE CLOSURE	125	EA	\$ 457.00	\$ 57,125.00	\$ 500.00	\$ 62,500.00	\$ -
56	SP	BURIED END SECTION	5	EA	\$ 36.00	\$ 180.00	\$ 3,000.00	\$ 15,000.00	\$ -
57	866	WOVEN WIRE FENCE, 48" FABRIC WITH 1 STRAND BARBED WIRE	2000	LF	\$ 2.00	\$ 4,000.00	\$ 12.00	\$ 24,000.00	\$ -
58	866	4" WOOD FENCE POST, 7'6" LONG	200	EA	\$ 7.14	\$ 1,428.00	\$ 100.00	\$ 20,000.00	\$ -
59	866	5" WOOD FENCE POST, 8' LONG	50	EA	\$ 9.52	\$ 476.00	\$ 100.00	\$ 5,000.00	\$ -
60	862	GATING ATTENUATOR	2	EA	\$ 7,500.00	\$ 15,000.00	\$ 24,000.00	\$ 48,000.00	\$ -
					TOTAL	\$ 298,397.50		\$ 665,200.00	\$ -