

Project: ITB AVIA 24-36 Relocation of West Boulevard (NC 160) Bid Open Date: 04.30.2024 2:00 PM			Blythe Development Eve Hibbler ehibbler@blythedevelopment.com		Sealand Contractors Corp. Jason Bree jason.bree@sealandcontractors.com		Blythe Construction Lee Bradley lee.bradley@blytheconstruction.com		
Description	Quantity	UoM	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
<b>GENERAL</b>									
1	Mobilization (5%)	1	LS	1,149,000.00	1,149,000.00	1,270,000.00	1,270,000.00	1,330,000.00	1,330,000.00
2	Construction Surveying	1	LS	287,000.00	287,000.00	500,000.00	500,000.00	400,000.00	400,000.00
<b>GENERAL Cost Total</b>				<b>1,436,000.00</b>	<b>1,436,000.00</b>	<b>1,770,000.00</b>	<b>1,770,000.00</b>	<b>1,730,000.00</b>	<b>1,730,000.00</b>
<b>EARTHWORK</b>									
3	Clearing & Grubbing (26 Acres)	1	LS	2,400,801.26	2,400,801.26	729,098.75	729,098.75	1,500,000.00	1,500,000.00
4	Supplementary Clearing & Grubbing	2	ACR	10,000.00	20,000.00	12,500.00	25,000.00	8,000.00	16,000.00
5	Pre-Splitting of Rock	600	SY	120.00	72,000.00	60.00	36,000.00	150.00	90,000.00
6	Unclassified Excavation	23000	CY	15.00	345,000.00	27.00	621,000.00	34.00	782,000.00
7	Undercut Excavation	8500	CY	44.00	374,000.00	63.00	535,500.00	52.00	442,000.00
8	Borrow Excavation	29000	CY	14.00	406,000.00	20.00	580,000.00	22.00	638,000.00
9	Drainage Ditch Excavation	4900	CY	14.00	68,600.00	17.00	83,300.00	20.00	98,000.00
10	Removal of Existing Asphalt Pavement	6000	SY	5.00	30,000.00	12.00	72,000.00	35.00	210,000.00
211	Proof Rolling	10	HRS	435.00	4,350.00	300.00	3,000.00	225.00	2,250.00
11	Select Granular Material	8500	CY	38.00	323,000.00	80.00	680,000.00	70.00	595,000.00
12	Geotextile for Soil Stabilization	12000	SY	2.75	33,000.00	4.00	48,000.00	5.00	60,000.00
<b>EARTHWORK Cost Total</b>				<b>4,076,751.26</b>	<b>4,076,751.26</b>	<b>3,412,898.75</b>	<b>3,412,898.75</b>	<b>4,433,250.00</b>	<b>4,433,250.00</b>
<b>PIPE CULVERTS</b>									
13	15" Drainage Pipe	80	LF	85.00	6,800.00	120.00	9,600.00	100.00	8,000.00
14	15" Drainage Pipe Elbows	2	EA	455.00	910.00	450.00	900.00	600.00	1,200.00
15	18" Drainage Pipe	56	LF	79.00	4,424.00	125.00	7,000.00	110.00	6,160.00
16	24" Drainage Pipe	44	LF	135.00	5,940.00	150.00	6,600.00	125.00	5,500.00
17	15" R.C. Pipe Culverts, Class IV	1836	LF	204.00	374,544.00	135.00	247,860.00	110.00	201,960.00
18	18" R.C. Pipe Culverts, Class IV	444	LF	213.00	94,572.00	140.00	62,160.00	125.00	55,500.00
19	24" R.C. Pipe Culverts, Class IV	204	LF	137.00	27,948.00	190.00	38,760.00	150.00	30,600.00
20	30" R.C. Pipe Culverts, Class IV	156	LF	175.00	27,300.00	260.00	40,560.00	200.00	31,200.00
21	36" R.C. Pipe Culverts, Class IV	1596	LF	226.00	360,696.00	305.00	486,780.00	275.00	438,900.00
22	15" R.C. Pipe Culverts, Class V	68	LF	168.00	11,424.00	190.00	12,920.00	120.00	8,160.00
23	Pipe Removal	325	LF	72.00	23,400.00	45.00	14,625.00	25.00	8,125.00
<b>PIPE CULVERTS Cost Total</b>				<b>937,958.00</b>	<b>937,958.00</b>	<b>927,765.00</b>	<b>927,765.00</b>	<b>795,305.00</b>	<b>795,305.00</b>
<b>SUBGRADES, BASES AND SHOULDERS</b>									
24	Fine Grading	1	LS	200,000.00	200,000.00	3,250,000.00	3,250,000.00	1,500,000.00	1,500,000.00
25	Shallow Undercut	400	CY	38.00	15,200.00	50.00	20,000.00	20.00	8,000.00
26	Geotextile For Subgrade Stabilization	800	SY	3.00	2,400.00	4.00	3,200.00	5.00	4,000.00
27	Class IV Subgrade Stabilization	800	TN	44.00	35,200.00	50.00	40,000.00	60.00	48,000.00
28	Aggregate Base Course	21000	TN	44.00	924,000.00	50.00	1,050,000.00	50.00	1,050,000.00
<b>SUBGRADES, BASES AND SHOULDERS Cost Total</b>				<b>1,176,800.00</b>	<b>1,176,800.00</b>	<b>4,363,200.00</b>	<b>4,363,200.00</b>	<b>2,610,000.00</b>	<b>2,610,000.00</b>
<b>ASPHALT BASES AND PAVEMENTS</b>									
212	Incidental Milling	1485	SY	20.00	29,700.00	28.00	41,580.00	20.00	29,700.00
29	Asphalt Concrete Base Course, Type B25.0C	13400	TN	95.00	1,273,000.00	88.00	1,179,200.00	102.00	1,366,800.00
30	Asphalt Concrete Intermediate Course, Type I19.0C	11900	TN	94.00	1,118,600.00	88.00	1,047,200.00	102.00	1,213,800.00
31	Asphalt Concrete Surface Course, Type S9.5C	9750	TN	93.00	906,750.00	90.00	877,500.00	92.00	897,000.00
32	Asphalt Binder for Plant Mix	1760	TN	775.00	1,364,000.00	665.00	1,170,400.00	777.00	1,367,520.00
33	Asphalt Plant Mix, Pavement Repair	120	TN	300.00	36,000.00	250.00	30,000.00	250.00	30,000.00
<b>ASPHALT BASES AND PAVEMENTS Cost Total</b>				<b>4,728,050.00</b>	<b>4,728,050.00</b>	<b>4,345,880.00</b>	<b>4,345,880.00</b>	<b>4,904,820.00</b>	<b>4,904,820.00</b>
<b>INCIDENTALS</b>									
34	Right-of-Way Markers	20	EA	100.00	2,000.00	375.00	7,500.00	500.00	10,000.00
35	6" Outlet Pipe	24	LF	67.00	1,608.00	40.00	960.00	50.00	1,200.00
36	Subdrain Pipe Outlet	3	EA	1,300.00	3,900.00	250.00	750.00	650.00	1,950.00
37	Subdrain Excavation	90	CY	7.00	630.00	30.00	2,700.00	26.00	2,340.00
38	Geotextile for Subsurface Drains	400	SY	2.50	1,000.00	2.50	1,000.00	7.50	3,000.00
39	6" Perforated Subdrain Pipe	400	LF	27.00	10,800.00	25.00	10,000.00	20.00	8,000.00
40	Subdrain Coarse Aggregate	120	CY	90.00	10,800.00	115.00	13,800.00	90.00	10,800.00
41	Pipe Plugs	0.18	CY	38.50	6.93	2,500.00	450.00	10,000.00	1,800.00

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	Description	Quantity	UoM	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
42	Pipe Collars	3	CY	1,300.00	3,900.00	1,600.00	4,800.00	1,000.00	3,000.00
43	Masonry Drainage Structures	38	LF	275.00	10,450.00	1,400.00	53,200.00	1,000.00	38,000.00
44	Masonry Drainage Structures	37	EA	4,200.00	155,400.00	5,000.00	185,000.00	4,500.00	166,500.00
45	Frame with Grate, Std 840.16	12	EA	985.00	11,820.00	1,450.00	17,400.00	2,000.00	24,000.00
46	Frame with Grate, Std 840.22	11	EA	865.00	9,515.00	1,650.00	18,150.00	2,000.00	22,000.00
47	Frame with Grate, Std 840.29	3	EA	875.00	2,625.00	1,250.00	3,750.00	2,000.00	6,000.00
48	Frame with Grate & Hood, Std 840.03 Type E	2	EA	1,055.00	2,110.00	1,500.00	3,000.00	2,000.00	4,000.00
49	Frame with Grate & Hood, Std 840.03 Type F	5	EA	1,100.00	5,500.00	1,750.00	8,750.00	2,000.00	10,000.00
50	Frame with Grate & Hood, Std 840.03 Type G	5	EA	1,100.00	5,500.00	1,750.00	8,750.00	2,000.00	10,000.00
51	Non-Standard Drainage Structure	2	EA	36,000.00	72,000.00	32,000.00	64,000.00	93,000.00	186,000.00
52	Flowable Fill	4	CY	845.00	3,380.00	400.00	1,600.00	2,000.00	8,000.00
53	1'-6" Mountable Concrete Curb and Gutter	2600	LF	78.00	202,800.00	32.00	83,200.00	29.00	75,400.00
54	2'-6" Concrete Curb and Gutter	1000	LF	89.00	89,000.00	32.00	32,000.00	35.00	35,000.00
55	2'-9" Concrete Curb and Gutter	1060	LF	92.00	97,520.00	40.00	42,400.00	38.00	40,280.00
56	Shoulder Berm Gutter	456	LF	98.00	44,688.00	52.00	23,712.00	39.00	17,784.00
57	Concrete Expressway Gutter	150	LF	105.00	15,750.00	74.00	11,100.00	39.00	5,850.00
58	4" Concrete Sidewalk	240	SY	102.00	24,480.00	58.00	13,920.00	40.00	9,600.00
59	Concrete Curb Ramps	1	EA	3,900.00	3,900.00	3,000.00	3,000.00	1,800.00	1,800.00
60	5" Monolithic Concrete Islands (Surface Mounted)	230	SY	190.00	43,700.00	105.00	24,150.00	108.00	24,840.00
61	5" Monolithic Concrete Islands (Keyed In)	390	SY	197.00	76,830.00	105.00	40,950.00	145.00	56,550.00
213	Median Crossover	65	SY	155.00	10,075.00	375.00	24,375.00	250.00	16,250.00
62	Adjustment of Catch Basins	1	EA	2,200.00	2,200.00	800.00	800.00	250.00	250.00
63	Steel Beam Guardrail	1100	LF	30.00	33,000.00	26.00	28,600.00	25.80	28,380.00
64	Steel Beam Guardrail Terminal Sections	2	EA	120.00	240.00	270.00	540.00	100.00	200.00
65	Additional Guardrail Posts	10	EA	65.00	650.00	42.00	420.00	55.00	550.00
66	Guardrail End Units, Type TL-3	5	EA	4,000.00	20,000.00	3,800.00	19,000.00	3,450.00	17,250.00
67	Guardrail Anchor Units, Type B-77	1	EA	3,400.00	3,400.00	4,000.00	4,000.00	2,900.00	2,900.00
208	Chain Link Fence Reset	80	LF	75.00	6,000.00	80.00	6,400.00	65.00	5,200.00
68	Plain Rip Rap, Class B	2400	TN	84.00	201,600.00	105.00	252,000.00	70.00	168,000.00
69	Plain Rip Rap, Class I	2500	TN	84.00	210,000.00	105.00	262,500.00	75.00	187,500.00
70	Geotextile for Drainage	8200	SY	3.00	24,600.00	4.00	32,800.00	8.00	65,600.00
<b>INCIDENTALS Cost Total</b>					<b>1,423,377.93</b>		<b>1,311,427.00</b>		<b>1,275,774.00</b>
<b>SIGNING</b>									
71	Contractor Furnished, Type E Sign	204	SF	48.00	9,792.00	38.00	7,752.00	12.75	2,601.00
72	Contractor Furnished, Type F Sign	90	SF	48.00	4,320.00	40.00	3,600.00	16.25	1,462.50
73	Supports, 3-LB Steel U-Channel	700	LF	13.00	9,100.00	10.50	7,350.00	7.00	4,900.00
74	Sign Erection, Type E	29	EA	250.00	7,250.00	215.00	6,235.00	75.00	2,175.00
75	Sign Erection, Type F	13	EA	250.00	3,250.00	215.00	2,795.00	105.00	1,365.00
76	Sign Erection, Relocate Type E Sign (Ground Mount)	1	EA	250.00	250.00	325.00	325.00	200.00	200.00
77	Disposal of Support, U-Channel	25	EA	18.00	450.00	10.50	262.50	10.70	267.50
78	Disposal of Sign D, E or F	25	EA	13.00	325.00	10.50	262.50	10.70	267.50
<b>SIGNING Cost Total</b>					<b>34,737.00</b>		<b>28,582.00</b>		<b>13,238.50</b>
<b>WORK ZONE TRAFFIC CONTROL</b>									
79	Work Zone Signs (Stationary)	1065	SF	13.00	13,845.00	16.00	17,040.00	8.98	9,563.70
80	Work Zone Signs (Portable)	96	SF	32.00	3,072.00	27.50	2,640.00	9.05	868.80
81	Work Zone Signs (Barricade Mounted)	156	SF	13.00	2,028.00	8.75	1,365.00	8.10	1,263.60
82	Flashing Arrow Board	2	EA	4,000.00	8,000.00	4,000.00	8,000.00	2,285.00	4,570.00
83	Portable Changeable Message Sign	3	EA	15,000.00	45,000.00	18,000.00	54,000.00	9,125.00	27,375.00
84	Drums	735	EA	70.00	51,450.00	60.00	44,100.00	45.00	33,075.00
85	Barricades (Type III)	938	LF	40.00	37,520.00	37.00	34,706.00	30.00	28,140.00
86	Flagger	10	DAY	950.00	9,500.00	450.00	4,500.00	300.00	3,000.00
87	TMA	5	EA	65,000.00	325,000.00	55,000.00	275,000.00	53,400.00	267,000.00
<b>WORK ZONE TRAFFIC CONTROL Cost Total</b>					<b>495,415.00</b>		<b>441,351.00</b>		<b>374,856.10</b>
<b>PAVEMENT MARKINGS, MARKERS AND DELINEATION</b>									

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	Description	Quantity	UoM	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
88	Thermoplastic Pavement Marking Lines (4", 90 MILS)	64000	LF	1.00	64,000.00	0.88	56,320.00	0.65	41,600.00
89	Thermoplastic Pavement Marking Lines (8", 90 MILS)	3100	LF	4.60	14,260.00	4.25	13,175.00	5.00	15,500.00
90	Thermoplastic Pavement Marking Lines (12", 90 MILS)	1200	LF	5.10	6,120.00	4.65	5,580.00	8.75	10,500.00
91	Thermoplastic Pavement Marking Characters (90 MI)	6	EA	145.00	870.00	135.00	810.00	200.00	1,200.00
92	Thermoplastic Pavement Marking Symbol (90 MILS)	60	EA	174.00	10,440.00	160.00	9,600.00	175.00	10,500.00
93	Paint Pavement Marking Lines (4")	32000	LF	0.53	16,960.00	0.48	15,360.00	0.61	19,520.00
94	Paint Pavement Marking Lines (8")	700	LF	1.45	1,015.00	1.35	945.00	19.80	13,860.00
95	Paint Pavement Marking Lines (24")	120	LF	5.25	630.00	4.90	588.00	15.00	1,800.00
96	Paint Pavement Marking Characters	50	EA	56.00	2,800.00	52.00	2,600.00	138.85	6,942.50
97	Paint Pavement Marking Symbols	3	EA	60.00	180.00	55.00	165.00	295.00	885.00
98	Removal of Pavement Marking Lines (4")	10000	LF	1.15	11,500.00	1.05	10,500.00	2.50	25,000.00
99	Removal of Pavement Marking Symbols & Character	20	EA	70.00	1,400.00	160.00	3,200.00	112.75	2,255.00
100	Thermoplastic Pavement Marking Lines (24", 90 MILS)	720	LF	7.00	5,040.00	13.00	9,360.00	8.75	6,300.00
101	Object Markers (OM1-3)	2	EA	550.00	1,100.00	525.00	1,050.00	175.00	350.00
<b>PAVEMENT MARKINGS, MARKERS AND DELINEATION Cost Total</b>					<b>136,315.00</b>		<b>129,253.00</b>		<b>156,212.50</b>
<b>UTILITIES</b>									
102	8" dia PC350 Restrained Joint Water Lines Including	5100	LF	137.00	698,700.00	130.00	663,000.00	218.00	1,111,800.00
103	1" Manual Air Release Assembly	1	EA	3,200.00	3,200.00	4,000.00	4,000.00	2,200.00	2,200.00
104	8" Gate Valve	13	EA	3,750.00	48,750.00	4,000.00	52,000.00	3,000.00	39,000.00
105	Fire Hydrant Assembly Including Valve, Piping, Fittin	6	EA	12,250.00	73,500.00	12,500.00	75,000.00	10,000.00	60,000.00
106	Tie-In 8" Water with Long Pattern Sleeve, Thrust Col	7	EA	2,500.00	17,500.00	4,000.00	28,000.00	9,000.00	63,000.00
107	Jack & Bore 16" Casing WL1 STA 10+19.43	100	LF	462.00	46,200.00	1,550.00	155,000.00	1,910.00	191,000.00
214	Open Cut 16" Casing WL1 STA 10+97.31	10	LF	193.00	1,930.00	410.00	4,100.00	360.00	3,600.00
108	Open Cut 16" Casing WL1 STA 31+24.07	90	LF	192.00	17,280.00	260.00	23,400.00	300.00	27,000.00
109	Open Cut 16" Casing WL2 STA 11+98.93	80	LF	192.00	15,360.00	280.00	22,400.00	300.00	24,000.00
110	Open Cut 16" Casing WL2 STA 14+70.87	70	LF	192.00	13,440.00	285.00	19,950.00	315.00	22,050.00
111	Removal of Unsuitable Material	2200	CY	20.00	44,000.00	35.00	77,000.00	3.00	6,600.00
112	Select Backfill	2500	CY	75.00	187,500.00	60.00	150,000.00	15.00	37,500.00
113	No. 67 Stone Undercut	1500	CY	115.00	172,500.00	200.00	300,000.00	40.00	60,000.00
114	Abandon Existing 8" Water Line	4546	LF	12.00	54,552.00	15.00	68,190.00	15.00	68,190.00
115	Abandon Existing Fire Hydrant	4	EA	1,100.00	4,400.00	1,200.00	4,800.00	1,350.00	5,400.00
116	Abandon Existing Backflow	2	EA	750.00	1,500.00	1,100.00	2,200.00	650.00	1,300.00
117	Abandon Existing Water Meter	2	EA	750.00	1,500.00	800.00	1,600.00	650.00	1,300.00
118	Adjust Manhole to Final Grade	7	EA	1,500.00	10,500.00	800.00	5,600.00	3,400.00	23,800.00
119	Testing of Water Lines and Place into Operation	1	LS	35,000.00	35,000.00	30,000.00	30,000.00	75,000.00	75,000.00
120	Duct Bank - 15W/6"	5000	LF	433.00	2,165,000.00	395.00	1,975,000.00	485.00	2,425,000.00
209	Duct Bank - 9W/6"	650	LF	278.00	180,700.00	255.00	165,750.00	450.00	292,500.00
121	Pre-Cast Octagonal Duct Bank Manhole (10'x10')	13	EA	35,000.00	455,000.00	32,500.00	422,500.00	30,000.00	390,000.00
215	Special Pre-Cast Octagonal Duct Bank Manhole (10'	3	EA	235,000.00	705,000.00	217,500.00	652,500.00	198,195.00	594,585.00
210	Jack & Bore, 48" Steel Casing Pipe - In Rock	103	LF	13,100.00	1,349,300.00	11,350.00	1,169,050.00	10,350.00	1,068,050.00
216	Jack & Bore, 48" Steel Casing Pipe - In Earth	15	LF	8,100.00	121,500.00	7,100.00	106,500.00	7,000.00	105,000.00
<b>UTILITIES Cost Total</b>					<b>6,423,812.00</b>		<b>6,177,540.00</b>		<b>6,695,875.00</b>
<b>EROSION CONTROL AND ROADSIDE DEVELOPMENT</b>									
122	Temporary Silt Fence	19750	LF	6.00	118,500.00	3.25	64,187.50	5.95	117,512.50
123	Stone for Erosion Control, Class A	500	TN	80.00	40,000.00	105.00	52,500.00	75.00	37,500.00
124	Stone for Erosion Control, Class B	100	TN	84.00	8,400.00	105.00	10,500.00	75.00	7,500.00
125	Sediment Control Stone (57)	75	TN	65.00	4,875.00	90.00	6,750.00	75.00	5,625.00
126	Temporary Mulching	26	ACR	2,850.00	74,100.00	2,650.00	68,900.00	2,400.00	62,400.00
127	Seed For Temporary Seeding	1200	LB	1.20	1,440.00	1.05	1,260.00	1.00	1,200.00
128	Fertilizer For Temporary Seeding	2	TN	120.00	240.00	105.00	210.00	100.00	200.00
129	Temporary Slope Drains	9590	LF	33.00	316,470.00	21.00	201,390.00	41.39	396,930.10
130	Coir Fiber Mat	9500	SY	6.30	59,850.00	5.75	54,625.00	5.45	51,775.00
131	Safety Fence	1000	LF	6.00	6,000.00	4.25	4,250.00	4.00	4,000.00
132	Silt Excavation	5263	CY	13.50	71,050.50	21.00	110,523.00	24.57	129,311.91

Project: ITB AVIA 24-36 Relocation of West Boulevard (NC 160) Bid Open Date: 04.30.2024 2:00 PM			Blythe Development Eve Hibbler ehibbler@blythedevelopment.com		Sealand Contractors Corp. Jason Bree jason.bree@sealandcontractors.com		Blythe Construction Lee Bradley lee.bradley@blytheconstruction.com		
	Description	Quantity	UoM	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
133	Matting For Erosion Control with Biodegradable Netting	42600	SY	2.50	106,500.00	2.35	100,110.00	1.95	83,070.00
134	Permanent Soil Reinforcement Mat	1000	SY	6.50	6,500.00	6.25	6,250.00	5.95	5,950.00
135	1/4" Hardware Cloth	1100	LF	6.00	6,600.00	16.25	17,875.00	5.00	5,500.00
136	24" Temporary Pipe	210	LF	105.00	22,050.00	105.00	22,050.00	200.00	42,000.00
137	36" Temporary Pipe	148	LF	142.00	21,016.00	135.00	19,980.00	225.00	33,300.00
138	48" Temporary Pipe	284	LF	215.00	61,060.00	220.00	62,480.00	250.00	71,000.00
139	54" C.S. PIPE TEE RISER, 0.109" THICK	4	EA	4,000.00	16,000.00	6,750.00	27,000.00	10,000.00	40,000.00
140	Special Stilling Basins	6	EA	550.00	3,300.00	1,200.00	7,200.00	2,000.00	12,000.00
141	Coir Fiber Baffle	9595	LF	8.00	76,760.00	5.75	55,171.25	5.00	47,975.00
142	Coir Fiber Wattle	9590	LF	12.00	115,080.00	13.50	129,465.00	9.95	95,420.50
143	Coir Fiber Wattle Barrier	570	LF	12.00	6,840.00	13.50	7,695.00	9.95	5,671.50
144	Flocculant LB	600	LB	12.00	7,200.00	10.25	6,150.00	10.00	6,000.00
145	1-1/2" Skimmer	2	EA	1,500.00	3,000.00	1,100.00	2,200.00	2,000.00	4,000.00
146	Low Permeability Geotextile	5000	SY	3.50	17,500.00	3.75	18,750.00	11.00	55,000.00
147	4" Skimmer	1	EA	6,500.00	6,500.00	2,700.00	2,700.00	5,000.00	5,000.00
148	5" Skimmer	1	EA	8,000.00	8,000.00	4,150.00	4,150.00	7,500.00	7,500.00
149	Maintenance of Silt Basin Device	6	EA	15,000.00	90,000.00	20,000.00	120,000.00	200,000.00	1,200,000.00
150	Seeding And Mulching	26	ACR	3,500.00	91,000.00	3,850.00	100,100.00	3,000.00	78,000.00
151	Mowing	26	ACR	58.00	1,508.00	55.00	1,430.00	50.00	1,300.00
152	Seed For Repair Seeding	192	LB	14.00	2,688.00	13.00	2,496.00	12.00	2,304.00
153	Fertilizer For Repair Seeding	1	TN	1,400.00	1,400.00	1,275.00	1,275.00	1,200.00	1,200.00
154	Seed For Supplemental Seeding	192	LB	24.00	4,608.00	21.00	4,032.00	20.00	3,840.00
155	Fertilizer Topdressing	2	TN	1,200.00	2,400.00	1,050.00	2,100.00	1,000.00	2,000.00
156	Specialized Hand Mowing	20	MHR	250.00	5,000.00	215.00	4,300.00	200.00	4,000.00
157	Response For Erosion Control	25	EA	500.00	12,500.00	160.00	4,000.00	1.00	25.00
158	Concrete Washout Structure	2	EA	1,800.00	3,600.00	2,000.00	4,000.00	2,500.00	5,000.00
159	Super Silt Fence	1675	LF	19.00	31,825.00	10.00	16,750.00	12.95	21,691.25
160	Fabric Insert Inlet Protection Device	12	EA	150.00	1,800.00	250.00	3,000.00	350.00	4,200.00
161	Fabric Insert Inlet Protection Device Cleanout	12	EA	160.00	1,920.00	125.00	1,500.00	350.00	4,200.00
162	Compost Sock	350	LF	8.00	2,800.00	7.50	2,625.00	6.95	2,432.50
<b>EROSION CONTROL AND ROADSIDE DEVELOPMENT Cost Total</b>					<b>1,437,880.50</b>		<b>1,331,929.75</b>		<b>2,663,534.26</b>
<b>SIGNALS AND TRAFFIC MANAGEMENT SYSTEMS</b>									
163	Signal Cable (15 AWG - 7 Conductor)	6850	LF	2.85	19,522.50	2.80	19,180.00	2.65	18,152.50
164	Vehicle Signal Head (Polycarbonate, 12", 3-Section)	24	EA	1,000.00	24,000.00	950.00	22,800.00	895.00	21,480.00
165	Vehicle Signal Head (Polycarbonate, 12", 4-Section)	12	EA	1,225.00	14,700.00	1,150.00	13,800.00	1,085.00	13,020.00
166	Vehicle Signal Head (Polycarbonate, 12", 5-Section)	2	EA	1,650.00	3,300.00	1,550.00	3,100.00	1,460.00	2,920.00
167	3-Section 12" Signal Head Cover	24	EA	102.00	2,448.00	95.00	2,280.00	90.00	2,160.00
168	4-Section 12" Signal Head Cover	12	EA	108.00	1,296.00	105.00	1,260.00	96.50	1,158.00
169	5-Section 12" Signal Head Cover	2	EA	145.00	290.00	140.00	280.00	130.00	260.00
170	Modify Existing Vehicle Signal Head	16	EA	250.00	4,000.00	240.00	3,840.00	225.00	3,600.00
171	Messenger Cable (3/8")	1580	LF	11.50	18,170.00	11.00	17,380.00	10.25	16,195.00
172	Unpaved Trenching (1 conduit, 2 inch)	745	LF	26.00	19,370.00	25.00	18,625.00	23.00	17,135.00
173	Unpaved Trenching (2 conduits, 2 inch)	1660	LF	32.00	53,120.00	31.00	51,460.00	29.00	48,140.00
174	Unpaved Trenching (5 conduits, 2 inch)	50	LF	71.00	3,550.00	70.00	3,500.00	64.00	3,200.00
175	Unpaved Trenching (6 conduits, 2 inch)	20	LF	112.00	2,240.00	107.50	2,150.00	100.00	2,000.00
176	Unpaved Trenching (8 conduits, 2 inch)	20	LF	145.00	2,900.00	140.00	2,800.00	130.00	2,600.00
177	Directional Drill (3 conduits, 2 inch)	80	LF	49.00	3,920.00	46.00	3,680.00	43.50	3,480.00
178	Junction Box (13"x24"x12" PC, Traffic Signal Logo)	23	EA	805.00	18,515.00	775.00	17,825.00	730.00	16,790.00
179	Junction Box (24"x36"x24" PC, Traffic Signal Logo)	4	EA	1,500.00	6,000.00	1,425.00	5,700.00	1,350.00	5,400.00
180	Relocate/Adjust Conduit to Existing Pull Box	18	EA	780.00	14,040.00	750.00	13,500.00	700.00	12,600.00
181	Supply / Install Wood Poles (40/5)	10	EA	2,100.00	21,000.00	2,000.00	20,000.00	1,350.00	13,500.00
182	Supply / Install Down Guy	22	EA	500.00	11,000.00	475.00	10,450.00	450.00	9,900.00
183	Standoff Bracket Assembly	32	EA	330.00	10,560.00	315.00	10,080.00	295.00	9,440.00
184	2" Riser with Weatherhead	20	EA	950.00	19,000.00	900.00	18,000.00	750.00	15,000.00

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Description	Quantity	UoM	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
185	Inductive Loop Sawcut	3660	LF	23.00	84,180.00	21.75	79,605.00	20.35	74,481.00
186	Lead-In Cable (Two Pair)	11350	LF	2.25	25,537.50	2.10	23,835.00	2.00	22,700.00
187	Supply & Install Video Detection Camera	4	EA	11,700.00	46,800.00	11,250.00	45,000.00	10,500.00	42,000.00
188	Supply & Install Video Detection Camera Comm Mar	1	LS	7,800.00	7,800.00	7,500.00	7,500.00	7,000.00	7,000.00
189	6-Fiber Cable Stub	310	LF	2.00	620.00	1.85	573.50	1.75	542.50
190	Fiber Optic Patch Panel	2	EA	1,350.00	2,700.00	1,275.00	2,550.00	1,200.00	2,400.00
191	Fiber Optic Splicing Assembly Unit	2	EA	1,100.00	2,200.00	1,025.00	2,050.00	950.00	1,900.00
192	Fiber Optic Power Level Test Assembly Unit	2	EA	56.00	112.00	52.50	105.00	50.00	100.00
193	Fiber Optic Splice Test Assembly Unit	2	EA	84.00	168.00	80.00	160.00	75.00	150.00
194	Supply and Install Fiber Optic Jumper Assembly	2	EA	39.00	78.00	37.50	75.00	35.00	70.00
195	Supply and Install Ethernet Switch	3	EA	4,400.00	13,200.00	4,150.00	12,450.00	3,925.00	11,775.00
196	Supply and Install Observation Camera	2	EA	5,550.00	11,100.00	5,250.00	10,500.00	5,000.00	10,000.00
197	Aerial Cat 6 Ethernet Cable for Observation Camera	320	LF	7.20	2,304.00	7.00	2,240.00	6.50	2,080.00
198	Underground Cat 6 Ethernet Cable for Observation C	40	LF	3.30	132.00	3.25	130.00	3.00	120.00
199	Aerial Sign Installed for Signals (Contractor Supplied	13	EA	750.00	9,750.00	695.00	9,035.00	650.00	8,450.00
200	Ground Sign Erection (Contractor Supplied)	8	EA	515.00	4,120.00	475.00	3,800.00	450.00	3,600.00
201	Concrete Base for Controller Cabinet	3	EA	2,800.00	8,400.00	2,650.00	7,950.00	2,500.00	7,500.00
202	Supply, Install & Activate Controller Cabinet	3	EA	31,000.00	93,000.00	30,000.00	90,000.00	27,500.00	82,500.00
203	2070LX Controller w/1C CPU, Modules and Accessor	3	EA	4,500.00	13,500.00	4,250.00	12,750.00	4,000.00	12,000.00
204	Green Uninterruptible Power Supply (UPS)	3	EA	25,500.00	76,500.00	25,000.00	75,000.00	23,000.00	69,000.00
205	Cabinet Base Extender	3	EA	675.00	2,025.00	625.00	1,875.00	585.00	1,755.00
206	Combination Meter Pedestal and Grounding Grid	2	EA	6,000.00	12,000.00	5,650.00	11,300.00	5,250.00	10,500.00
<b>SIGNALS AND TRAFFIC MANAGEMENT SYSTEMS Cost Total</b>					<b>689,168.00</b>		<b>660,173.50</b>		<b>608,754.00</b>
<b>GENERAL ALLOWANCE</b>									
207	General Allowance Account \$500,000 Expected as A	1	ALW	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00	500,000.00
<b>GENERAL ALLOWANCE Cost Total</b>					<b>500,000.00</b>		<b>500,000.00</b>		<b>500,000.00</b>
<b>Bid Summary</b>									
Base Bid Total					23,496,264.69		25,400,000.00		26,761,619.36