CUY - Old Rockside Road

Replacement of Existing Bridge 00.42
Over the Cuyahoga River
in the City of Independence and Village of Valley View
PID No. 91563, FAN E120(225)

Cost Estimate Summary Sheet

	Total Costs	Federal Eligible Costs	Non-Federal Eligible Costs
Estimate of Construction Cost = (See attached estimate sheet dated 2/17/2022 for more details)	$ 6,600,000.00	$ 6,600,000.00	$ -
Construction Contingency Estimate (10%) =	$ 660,000.00	$ 660,000.00	$ -
Total Construction Cost =	**$ 7,260,000.00**	**$ 7,260,000.00**	$ -
Construction Engineering Estimate (5%) =	$ 363,000.00	$ 363,000.00	$ -
Subtotal Project Cost =	**$ 7,623,000.00**	**$ 7,623,000.00**	$ -
Contingency for Unforseen Construction Costs (100% County) =	$ 400,000.00	$ -	$ 400,000.00
TOTAL PROJECT COST =	**$ 8,023,000.00**	**$ 7,623,000.00**	**$ 400,000.00**

Dated: February 17, 2022

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
			ROADWAY					
1	201	11000	CLEARING AND GRUBBING	01	-	LS	$ 10,000.00	$ 10,000.00
1A	SPECIAL	20120010	TREE REMOVED, 4"-12"	01	EACH	2	$ 100.00	$ 200.00
1B	201	21800	TREE REMOVED, 18"	01	EACH	4	$ 310.00	$ 1,240.00
1C	201	23000	TREE REMOVED, 30"	01	EACH	1	$ 620.00	$ 620.00
1D	201	24800	TREE REMOVED, 48"	01	EACH	1	$ 800.00	$ 800.00
2	SPECIAL	20126450	STUMP REMOVED, 4"-12"	01	EACH	11	$ 100.00	$ 1,100.00
3	201	26500	STUMP REMOVED, 18"	01	EACH	10	$ 310.00	$ 3,100.00
4	201	26510	STUMP REMOVED, 30"	01	EACH	1	$ 620.00	$ 620.00
5			NOT USED				$ -	$ -
6	202	23000	PAVEMENT REMOVED	16	SY	3,730	$ 13.00	$ 48,490.00
7	202	30000	WALK REMOVED	NR	SF	56	$ 5.00	$ 280.00
8	202	32000	CURB REMOVED	NR	FT	147	$ 9.00	$ 1,323.00
9	202	32500	CURB AND GUTTER REMOVED	NR	FT	387	$ 13.00	$ 5,031.00
10	202	35100	PIPE REMOVED, 24" AND UNDER	NR	FT	371	$ 19.00	$ 7,049.00
11	202	38000	GUARDRAIL REMOVED	NR	FT	256	$ 3.00	$ 768.00
12	202	58000	MANHOLE REMOVED	NR	EACH	1	$ 1,000.00	$ 1,000.00
13	202	58100	CATCH BASIN REMOVED	NR	EACH	4	$ 550.00	$ 2,200.00
14	202	75000	FENCE REMOVED	NR	FT	124	$ 5.00	$ 620.00
15	202	75255	GATE REMOVED FOR REUSE, AS PER PLAN	37	EACH	1	$ 10,000.00	$ 10,000.00
16	202	98100	REMOVAL MISC.: FLAG POLE REMOVED	NR	EACH	1	$ 550.00	$ 550.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
17	202	98100	REMOVAL MISC.: LIGHT REMOVED	NR	EACH	1	$ 550.00	$ 550.00
18	203	10000	EXCAVATION	04	CY	3,070	$ 13.00	$ 39,910.00
19	203	20001	EMBANKMENT, AS PER PLAN	04	CY	316	$ 13.00	$ 4,108.00
20	204	10000	SUBGRADE COMPACTION	04	SY	4,187	$ 2.00	$ 8,374.00
21	204	30020	GRANULAR MATERIAL, TYPE C	07	CY	426	$ 60.00	$ 25,560.00
22	204	51000	GEOGRID	07	SY	856	$ 2.50	$ 2,140.00
23	SPECIAL	69012010	GEOTEXTILE FABRIC	07	SY	856	$ 2.00	$ 1,712.00
24	209	60201	LINEAR GRADING, AS PER PLAN	04	SY	2,930	$ 2.00	$ 5,860.00
25	606	15050	GUARDRAIL, TYPE MGS	36	FT	37.5	$ 21.00	$ 787.50
26	606	26100	ANCHOR ASSEMBLY, TYPE E	36	EACH	1	$ 2,300.00	$ 2,300.00
27	606	26500	ANCHOR ASSEMBLY, TYPE T	36	EACH	1	$ 1,000.00	$ 1,000.00
28	606	35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1	36	EACH	2	$ 1,700.00	$ 3,400.00
29	608	10001	4" CONCRETE WALK, AS PER PLAN	38	SF	1,146	$ 11.00	$ 12,606.00
30	608	52000	CURB RAMP	38	SF	210	$ 15.00	$ 3,150.00
31	623	40501	REFERENCE MONUMENT, AS PER PLAN	NR	EACH	1	$ 640.00	$ 640.00
32	623	40520	RIGHT-OF-WAY MONUMENT	NR	EACH	2	$ 1,100.00	$ 2,200.00
						SECTION TOTAL ROADWAY :	**$**	**209,288.50**
			EROSION CONTROL					
33	659	00300	TOPSOIL	46	CY	300	$ 21.00	$ 6,300.00
34	659	10001	SEEDING AND MULCHING, AS PER PLAN	46	SY	2,930	$ 1.50	$ 4,395.00
35	659	14000	REPAIR SEEDING AND MULCHING	46	SY	130	$ 2.50	$ 325.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
36	659	20000	COMMERCIAL FERTILIZER	46	TON	0.35	$ 660.00	$ 231.00
37	659	31000	LIME	46	ACRE	0.06	$ 500.00	$ 30.00
38	659	35000	WATER	46	MGAL	16	$ 11.00	$ 176.00
39	670	00520	SLOPE EROSION PROTECTION MAT, TYPE B	35	SY	535	$ 6.00	$ 3,210.00
40	832	15000	STORM WATER POLLUTION PREVENTION PLAN	08	-	LS	$ 12,000.00	$ 12,000.00
41	832	15002	STORM WATER POLLUTION PREVENTION INSPECTIONS	08	-	LS	$ 8,000.00	$ 8,000.00
42	832	15010	STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	08	-	LS	$ 16,000.00	$ 16,000.00
43	832	30000	EROSION CONTROL	08	EACH	60,000	$ 1.00	$ 60,000.00
SECTION TOTAL EROSION CONTROL :							**$**	**110,667.00**
			DRAINAGE					
44	602	20000	CONCRETE MASONRY	35	CY	0.4	$ 1,480.00	$ 592.00
45	605	14021	6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, AS PER PLAN	35	FT	852	$ 13.50	$ 11,502.00
46	611	97400	CONDUIT, MISC.: 6" CONDUIT, TYPE B, FOR DRAINAGE CONNECTION, AS PER PLAN	35	FT	50	$ 72.00	$ 3,600.00
47	611	97400	CONDUIT, MISC.: 6" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION, AS PER PLAN	35	FT	50	$ 72.00	$ 3,600.00
48	611	01401	6" CONDUIT, TYPE E, AS PER PLAN	35	FT	70	$ 72.00	$ 5,040.00
49	611	04401	12" CONDUIT, TYPE B, AS PER PLAN	35	FT	339	$ 72.00	$ 24,408.00
50	611	05901	15" CONDUIT, TYPE B, AS PER PLAN	35	FT	36	$ 90.00	$ 3,240.00
51	611	07401	18" CONDUIT, TYPE B, AS PER PLAN	35	FT	75	$ 105.00	$ 7,875.00
52	611	08901	21" CONDUIT, TYPE B, AS PER PLAN	35	FT	180	$ 130.00	$ 23,400.00
53	611	98181	CATCH BASIN, NO. 3A, AS PER PLAN (CUYAHOGA COUNTY NO. 3C)	35	EACH	3	$ 3,200.00	$ 9,600.00
54	611	98391	CATCH BASIN, NO. 7, AS PER PLAN	35	EACH	1	$ 2,193.00	$ 2,193.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS	I CTS	TOTAL AMOUNT EST. DOLLARS	I CTS
55	611	98471	CATCH BASIN, NO. 2-2B, AS PER PLAN	35	EACH	3	$ 2,100.00		$ 6,300.00	
56	611	98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN	35	EACH	3	$ 600.00		$ 1,800.00	
57	611	98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN A	35	EACH	1	$ 2,000.00		$ 2,000.00	
58	611	98631	CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN B	35	EACH	1	$ 2,000.00		$ 2,000.00	
59	611	98635	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	35	EACH	1	$ 2,100.00		$ 2,100.00	
60	611	98690	CATCH BASIN, MISC.: TEMPORARY PLATE	35	EACH	1	$ 100.00		$ 100.00	
61	611	98701	INLET, SIDE DITCH, AS PER PLAN	35	EACH	1	$ 1,600.00		$ 1,600.00	
62	611	99575	MANHOLE, NO. 3, AS PER PLAN (WITH NO. 37 COVER)	35	EACH	2	$ 4,100.00		$ 8,200.00	
63	611	99575	MANHOLE, NO. 3, AS PER PLAN A	35	EACH	1	$ 5,500.00		$ 5,500.00	
64	611	99655	MANHOLE ADJUSTED TO GRADE, AS PER PLAN	35	EACH	1	$ 600.00		$ 600.00	
65	611	99661	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	35	EACH	1	$ 1,250.00		$ 1,250.00	
66	SPECIAL	61199820	MISCELLANEOUS METAL	35	LB	5,000	$ 1.50		$ 7,500.00	
						SECTION TOTAL DRAINAGE :	**$**		**134,000.00**	
			PAVEMENT							
67	254	01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 1.25"	13	SY	184	$ 6.25		$ 1,150.00	
68	254	01001	PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN, 3"	13	SY	1,222	$ 7.50		$ 9,165.00	
69	302	46001	ASPHALT CONCRETE BASE, PG64-22, AS PER PLAN	10	CY	359	$ 146.00		$ 52,414.00	
70	304	20001	AGGREGATE BASE, AS PER PLAN	09	CY	682	$ 75.00		$ 51,150.00	
71	407	20000	NON-TRACKING TACK COAT	11	GAL	571	$ 3.00		$ 1,713.00	
72	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22, AS PER PLAN	10	CY	85	$ 179.80		$ 15,283.00	
73	441	50101	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG70-22M, AS PER PLAN	10	CY	97	$ 190.00		$ 18,430.00	

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS	I CTS	TOTAL AMOUNT EST. DOLLARS	I CTS
74	441	50301	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22, AS PER PLAN	10	CY	245	$ 175.00		$ 42,875.00	
75	452	12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	38	SY	32	$ 160.00		$ 5,120.00	
76	609	12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN A	38	FT	584	$ 42.00		$ 24,528.00	
77	609	12001	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN B	38	FT	118	$ 47.00		$ 5,546.00	
78	609	18001	COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN	38	FT	47	$ 47.00		$ 2,209.00	
79	609	24511	CURB, TYPE 4-C, AS PER PLAN	38	FT	29	$ 19.00		$ 551.00	
80	609	26001	CURB, TYPE 6, AS PER PLAN	38	FT	165	$ 26.00		$ 4,290.00	
81	875	10000	LONGITUDINAL JOINT ADHESIVE	10	LB	192	$ 3.00		$ 576.00	
						SECTION TOTAL PAVEMENT :	**$**		**235,000.00**	
			WATER WORK							
82	202	75610	VALVE BOX REMOVED	35	EACH	1	$ 550.00		$ 550.00	
83	638	07500	12" GATE VALVE	35	EACH	1	$ 2,700.00		$ 2,700.00	
84	638	08620	12" INSERTING VALVE AND VALVE BOX	35	EACH	2	$ 4,500.00		$ 9,000.00	
85	638	10300	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	35	EACH	1	$ 3,100.00		$ 3,100.00	
86	638	10400	FIRE HYDRANT ADJUSTED TO GRADE	35	EACH	1	$ 1,600.00		$ 1,600.00	
87	638	10700	FIRE HYDRANT REMOVED AND DISPOSED OF	35	EACH	2	$ 550.00		$ 1,100.00	
88	638	10801	VALVE BOX ADJUSTED TO GRADE, AS PER PLAN	35	EACH	3	$ 550.00		$ 1,650.00	
89	SPECIAL	63820172	12" WATER MAIN DIP CLASS 52 BOLTLESS RESTRAINED JOINTS AND FITTINGS	35	FT	240	$ 130.00		$ 31,200.00	
90	SPECIAL	63820750	6" FIRE HYDRANT FURNISHING AND SETTING, COMPLETE	35	EACH	2	$ 5,800.00		$ 11,600.00	
91	SPECIAL	63820884	CUT AND PLUG EXISTING 12" WATER LINE	35	EACH	2	$ 1,750.00		$ 3,500.00	
						SECTION TOTAL WATER WORK :	**$**		**66,000.00**	

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
			TRAFFIC CONTROL					
92	630	03100	GROUND MOUNTED SUPPORT, NO. 3 POST	42	FT	144.5	$ 13.00	$ 1,878.50
93	630	80101	SIGN, FLAT SHEET, AS PER PLAN	42	SF	42.3	$ 27.00	$ 1,142.10
94	630	84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	42	EACH	8	$ 45.00	$ 360.00
95	630	85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	42	EACH	3	$ 65.00	$ 195.00
96	630	85200	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY	42	EACH	6	$ 45.00	$ 270.00
97	630	85201	REMOVAL OF GROUND MOUNTED SIGN AND DELIVERY, AS PER PLAN	42	EACH	1	$ 200.00	$ 200.00
98	630	86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	42	EACH	18	$ 11.00	$ 198.00
99	630	89816	REMOVAL OF WOOD POLE AND REERECTION	42	EACH	1	$ 1,050.00	$ 1,050.00
100	630	97700	SIGNING, MISC.: SIGN ADJUSTED	42	EACH	1	$ 2,500.00	$ 2,500.00
101	646	10000	EDGE LINE, 4"	45	MILE	0.25	$ 3,000.00	$ 750.00
102	646	10200	CENTER LINE	45	MILE	0.22	$ 6,000.00	$ 1,320.00
103	646	10400	STOP LINE	45	FT	65	$ 11.00	$ 715.00
104	646	10500	CROSSWALK LINE	45	FT	90	$ 13.00	$ 1,170.00
105	646	20000	RAILROAD SYMBOL MARKING	45	EACH	1	$ 662.40	$ 662.40
106	646	20200	PARKING LOT STALL MARKING	45	FT	1,242	$ 4.50	$ 5,589.00
						SECTION TOTAL TRAFFIC CONTROL :	**$**	**18,000.00**

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
			RETAINING WALLS					
107	503	11100	COFFERDAMS AND EXCAVATION BRACING	53	-	LS	$ 30,500.00	$ 30,500.00
108	503	21301	UNCLASSIFIED EXCAVATION, AS PER PLAN	38	-	LS	$ 10,000.00	$ 10,000.00
109	504	11100	STEEL SHEET PILING LEFT IN PLACE (MINIMUM SECTION MODULUS OF 30 CUBIC INCHES PER FOOT OF WALL)	53	SF	125	$ 70.00	$ 8,750.00
110	509	10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN	23	LB	10,644	$ 1.40	$ 14,901.60
111	511	46213	CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL INCLUDING FOOTING, AS PER PLAN	38	CY	68	$ 740.00	$ 50,320.00
112	511	53012	CLASS QC2 CONCRETE, MISC.: MOMENT SLAB WITH QC/QA, AS PER PLAN	38	CY	21	$ 465.00	$ 9,765.00
113	511	71200	CONCRETE, MISC.: ARCHITECTURAL TREATMENT	38	SF	543	$ 16.00	$ 8,688.00
114	512	10050	SEALING OF CONCRETE SURFACES (NON-EPOXY)	57	SY	50	$ 12.00	$ 600.00
115	512	33000	TYPE 2 WATERPROOFING	40	SY	2	$ 23.00	$ 46.00
116	512	33300	TYPE A WATERPROOFING	40	SY	35	$ 30.00	$ 1,050.00
117	512	44400	TYPE B WATERPROOFING	40	SY	2	$ 50.00	$ 100.00
118	SPECIAL	51275500	SEALING: ELASTOMERIC PROTECTIVE AND DECORATIVE CONCRETE COATING	57	SY	22	$ 50.00	$ 1,100.00
119	516	13200	1/2" PREFORMED EXPANSION JOINT FILLER	27	SF	71	$ 11.00	$ 781.00
120	516	13601	1" PREFORMED EXPANSION JOINT FILLER, AS PER PLAN	27	SF	6	$ 6.00	$ 36.00
121	517	75121	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING), AS PER PLAN	38	FT	69	$ 285.00	$ 19,665.00
122	518	21201	POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN	35	CY	25	$ 130.00	$ 3,250.00
123	518	40000	6" PERFORATED CORRUGATED PLASTIC PIPE	35	FT	92	$ 10.00	$ 920.00
124	SPECIAL	53000200	STRUCTURES: PROTECTION OF FACILITIES	38	-	LS	$ 10,000.00	$ 10,000.00
						SECTION TOTAL RETAINING WALLS :	**$**	**170,472.60**
			STRUCTURE OVER 20 FOOT SPAN (OLD ROCKSIDE 00.42 SFN 1876083)					

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
125	202	11003	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	19	-	LS	$ 250,000.00	$ 250,000.00
126	202	23500	WEARING COURSE REMOVED	19	SY	348	$ 9.00	$ 3,132.00
127	208	14001	VIBRATION CONTROL AND MONITORING, AS PER PLAN	53	-	LS	$ 10,000.00	$ 10,000.00
128	503	11100	COFFERDAMS AND EXCAVATION BRACING	53	-	LS	$ 175,000.00	$ 175,000.00
129	503	21301	UNCLASSIFIED EXCAVATION, AS PER PLAN	21	-	LS	$ 30,000.00	$ 30,000.00
130	505	11100	PILE DRIVING EQUIPMENT MOBILIZATION	53	-	LS	$ 25,000.00	$ 25,000.00
131	507	501	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN	53	FT	2,230	$ 16.00	$ 35,680.00
132	507	551	12" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN	53	FT	2,370	$ 37.00	$ 87,690.00
133	507	601	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN, AS PER PLAN	53	FT	2,790	$ 20.00	$ 55,800.00
134	507	651	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED, AS PER PLAN	53	FT	2,950	$ 50.00	$ 147,500.00
135	507	92201	PREBORED HOLES, AS PER PLAN	53	FT	300	$ 75.00	$ 22,500.00
136	509	10001	EPOXY COATED REINFORCING STEEL, AS PER PLAN	23	LB	132,862	$ 1.40	$ 186,006.80
137	511	33500	SEMI-INTEGRAL DIAPHRAGM GUIDE	21	EACH	2	$ 3,300.00	$ 6,600.00
138	511	34447	CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, AS PER PLAN	21	CY	351	$ 785.00	$ 275,535.00
139	511	40513	CLASS QC1 CONCRETE WITH QC/QA, PIER ABOVE FOOTINGS, AS PER PLAN	21	CY	276	$ 740.00	$ 204,240.00
140	511	43513	CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT INCLUDING FOOTING, AS PER PLAN	21	CY	132	$ 600.00	$ 79,200.00
141	511	46513	CLASS QC1 CONCRETE WITH QC/QA, FOOTING, AS PER PLAN	21	CY	104	$ 475.00	$ 49,400.00
142	511	51513	CLASS QC2 CONCRETE WITH QC/QA, SIDEWALK, AS PER PLAN	21	CY	69	$ 425.00	$ 29,325.00
143	511	71200	CONCRETE, MISC.: ARCHITECTURAL TREATMENT	38	SF	6,785	$ 16.00	$ 108,560.00
144	512	10050	SEALING OF CONCRETE SURFACES (NON-EPOXY)	57	SY	233	$ 12.00	$ 2,796.00

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145	512	33300	TYPE A WATERPROOFING	40	SY	102	$ 28.00	$ 2,856.00
146	512	44400	TYPE B WATERPROOFING	40	SY	15	$ 50.00	$ 750.00
147	SPECIAL	51275500	SEALING: ELASTOMERIC PROTECTIVE AND DECORATIVE CONCRETE COATING	57	SY	391	$ 50.00	$ 19,550.00
148	513	10000	STRUCTURAL STEEL MEMBERS, LEVEL UF	24	-	LS	$ 15,000.00	$ 15,000.00
149	513	10260	STRUCTURAL STEEL MEMBERS, LEVEL 3	21	LB	418,100	$ 1.70	$ 710,770.00
150	513	20000	WELDED STUD SHEAR CONNECTORS	25	EACH	4,230	$ 4.00	$ 16,920.00
151	514	00800	FIELD PAINTING STRUCTURAL STEEL, INTERMEDIATE COAT	26	LB	418,100	$ 0.11	$ 45,991.00
152	514	00850	FIELD PAINTING STRUCTURAL STEEL, FINISH COAT	26	LB	418,100	$ 0.08	$ 33,448.00
153	516	10010	ARMORLESS PREFORMED JOINT SEAL	27	FT	78	$ 67.00	$ 5,226.00
154	516	13600	1" PREFORMED EXPANSION JOINT FILLER	27	SF	14	$ 6.00	$ 84.00
155	516	13900	2" PREFORMED EXPANSION JOINT FILLER	27	SF	156	$ 10.00	$ 1,560.00
156	516	14020	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	27	FT	81	$ 36.00	$ 2,916.00
157	516	44101	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (BEARING - 1'-10" X 1'-6 1/2" X 2 13/16", LOAD PLATE - 1'-7 1/2" X 1'-11" X 1 13/16"), AS PER PLAN	27	EACH	12	$ 1,425.00	$ 17,100.00
158	516	44201	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (BEARING - 1'-2" X 1'-0" X 3 1/8", LOAD PLATE - 1'-3" X 1'-1" X 1 1/2"), AS PER PLAN	27	EACH	12	$ 1,725.00	$ 20,700.00
159	517	75121	RAILING (CONCRETE PARAPET WITH TWIN STEEL TUBE RAILING), AS PER PLAN	21	FT	582	$ 285.00	$ 165,870.00
160	518	21201	POROUS BACKFILL WITH GEOTEXTILE FABRIC, AS PER PLAN	35	CY	51	$ 127.00	$ 6,477.00
161	518	40000	6" PERFORATED CORRUGATED PLASTIC PIPE	35	FT	104	$ 10.00	$ 1,040.00
162	518	40010	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	35	FT	60	$ 19.00	$ 1,140.00
163	523	20001	DYNAMIC LOAD TESTING, AS PER PLAN	53	EACH	4	$ 4,200.00	$ 16,800.00
164	523	20501	RESTRIKE, AS PER PLAN	53	EACH	4	$ 3,000.00	$ 12,000.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS	I CTS	TOTAL AMOUNT EST. DOLLARS	I CTS
165	526	25001	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	38	SY	223	$	280.00	$	62,440.00
166	526	90030	TYPE C INSTALLATION	38	FT	78	$	215.00	$	16,770.00
167	SPECIAL	53000200	STRUCTURES: PROTECTION OF FACILITIES	NR	-	LS	$	10,000.00	$	10,000.00
168	SPECIAL	53000200	STRUCTURES: PRECONSTRUCTION CONDITION SURVEY	NR	-	LS	$	10,000.00	$	10,000.00
169	SPECIAL	53000200	STRUCTURES: PROPOSED GAS LINE PIPE SLEEVES	NR	-	LS	$	5,000.00	$	5,000.00
170	601	20000	CRUSHED AGGREGATE SLOPE PROTECTION	35	SY	3	$	40.00	$	120.00
171	601	23021	ARTICULATING CONCRETE BLOCK REVETMENT SYSTEM, TYPE 3, AS PER PLAN	35	SY	940	$	225.00	$	211,500.00
172	601	34001	ROCK CHANNEL PROTECTION, TYPE A WITHOUT FILTER, AS PER PLAN	35	CY	305	$	125.00	$	38,125.00
173	625	33000	STRUCTURE GROUNDING SYSTEM	21	EACH	1	$	10,000.00	$	10,000.00
174	SPECIAL	69098400	CONTRACTOR ACCESS	NR	-	LS	$	150,000.00	$	150,000.00
175	SPECIAL	69098400	WORK INVOLVING ASBESTOS CONTAINING MATERIALS	NR	-	LS	$	10,000.00	$	10,000.00
SECTION TOTAL STRUCTURE OVER 20 FOOT SPAN (OLD ROCKSIDE 00.42 SFN 1876083) :							**$**			**3,404,117.80**

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
			MAINTENANCE OF TRAFFIC					
176			NOT USED				$ -	$ -
177	202	35100	PIPE REMOVED, 24" AND UNDER	NR	FT	95	$ 19.00	$ 1,805.00
178	202	42040	ANCHOR ASSEMBLY REMOVED, TYPE T	NR	EACH	1	$ 160.00	$ 160.00
179	202	47000	BRIDGE TERMINAL ASSEMBLY REMOVED	NR	EACH	1	$ 160.00	$ 160.00
180	202	38000	GUARDRAIL REMOVED	NR	FT	75	$ 3.00	$ 225.00
181	202	58100	CATCH BASIN REMOVED	NR	EACH	2	$ 550.00	$ 1,100.00
182	203	10000	EXCAVATION	04	CY	459	$ 13.00	$ 5,967.00
183	203	20001	EMBANKMENT, AS PER PLAN	04	CY	3,151	$ 13.00	$ 40,963.00
184	204	30020	GRANULAR MATERIAL, TYPE C	04	CY	288	$ 60.00	$ 17,280.00
185	204	51000	GEOGRID	07	SY	362	$ 2.50	$ 905.00
186	204	10000	SUBGRADE COMPACTION	04	SY	2,681	$ 2.00	$ 5,362.00
187			NOT USED				$ -	$ -
188			NOT USED				$ -	$ -
189			NOT USED				$ -	$ -
190	410	12000	TRAFFIC COMPACTED SURFACE, TYPE A OR B	04	CY	15	$ 50.00	$ 750.00
191			NOT USED				$ -	$ -
192			NOT USED				$ -	$ -
193	502	11101	STRUCTURE FOR MAINTAINING TRAFFIC, AS PER PLAN	NR	-	LS	$ 1,600,000.00	$ 1,600,000.00
194	606	15050	GUARDRAIL, TYPE MGS	36	FT	75	$ 21.00	$ 1,575.00
195	606	26500	ANCHOR ASSEMBLY, TYPE T	36	EACH	1	$ 1,000.00	$ 1,000.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
196	606	35000	BRIDGE TERMINAL ASSEMBLY, TYPE 1	36	EACH	1	$ 1,700.00	$ 1,700.00
197	611	04401	12" CONDUIT, TYPE B, AS PER PLAN	35	FT	95	$ 72.00	$ 6,840.00
198	611	98471	CATCH BASIN, NO. 2-2B, AS PER PLAN	35	EACH	2	$ 2,100.00	$ 4,200.00
199	614	11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	NR	HOUR	40	$ 85.00	$ 3,400.00
200	614	12380	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)	39	EACH	7	$ 2,100.00	$ 14,700.00
201	614	13000	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	39	CY	20	$ 135.00	$ 2,700.00
202	614	13310	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	39	EACH	30	$ 16.00	$ 480.00
203	614	13314	BARRIER REFLECTOR, TYPE 3, BIDIRECTIONAL	39	EACH	6	$ 16.00	$ 96.00
204	614	13360	OBJECT MARKER, TWO WAY	39	EACH	30	$ 16.00	$ 480.00
205	614	21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	39	MILE	0.60	$ 1,100.00	$ 660.00
206	614	21550	WORK ZONE CENTER LINE, CLASS III, 642 PAINT	39	MILE	0.22	$ 1,100.00	$ 242.00
207	614	22100	WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT	39	MILE	0.40	$ 900.00	$ 360.00
208	614	22350	WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT	39	MILE	0.24	$ 900.00	$ 216.00
209	614	24200	WORK ZONE DOTTED LINE, CLASS I, 4", 642 PAINT	39	FT	80	$ 5.00	$ 400.00
210	614	26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT	39	FT	100	$ 10.00	$ 1,000.00
211	614	26610	WORK ZONE STOP LINE, CLASS III, 642 PAINT	39	FT	65	$ 10.00	$ 650.00
212	614	32200	WORK ZONE RAILROAD SYMBOL MARKING, CLASS I, 642 PAINT	39	EACH	1	$ 275.00	$ 275.00
212A	615	10001	ROADS FOR MAINTAINING TRAFFIC, AS PER PLAN	39	-	LS	$ 50,000.00	$ 50,000.00
212B	615	20001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	39	SY	1,741	$ 55.00	$ 95,755.00
212C	615	25001	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER PLAN	39	SY	634	$ 20.00	$ 12,680.00
213	616	10000	WATER	NR	MGAL	12	$ 10.00	$ 120.00

REF NO.	ITEM NUMBER	ITEM EXTENSION	ITEM DESCRIPTION	WORK TYPE	UNIT	ESTIMATED QUANTITY	UNIT PRICE ESTIMATED DOLLARS I CTS	TOTAL AMOUNT EST. DOLLARS I CTS
214	616	20000	CALCIUM CHLORIDE	NR	TON	1.2	$ 200.00	$ 240.00
215	622	41100	PORTABLE BARRIER, UNANCHORED	39	FT	561	$ 22.00	$ 12,342.00
216	659	10001	SEEDING AND MULCHING, AS PER PLAN	08	SY	1,638	$ 2.00	$ 3,276.00
217	659	14000	REPAIR SEEDING AND MULCHING	08	SY	90	$ 3.00	$ 270.00
218	659	35000	WATER	08	MGAL	11	$ 11.00	$ 121.00
219	659	40000	MOWING	08	MSF	15.5	$ 100.00	$ 1,550.00
220	670	00520	SLOPE EROSION PROTECTION MAT, TYPE B	35	SY	1,595	$ 6.00	$ 9,570.00
SECTION TOTAL MAINTENANCE OF TRAFFIC :							**$**	**1,901,575.00**
			INCIDENTALS					
221	614	11001	MAINTAINING TRAFFIC, AS PER PLAN	39	-	LS	$ 50,000.00	$ 50,000.00
222	619	16021	FIELD OFFICE, TYPE C, AS PER PLAN	NR	MNTH	24	$ 2,400.00	$ 57,600.00
223	623	10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	NR	-	LS	$ 25,000.00	$ 25,000.00
224	624	10000	MOBILIZATION	NR	-	LS	$ 212,279.10	$ 212,279.10
225	SPECIAL	69098400	PROJECT DVD RECORDING (SEE PROPOSAL NOTE)	NR	-	LS	$ 3,000.00	$ 3,000.00
226	SPECIAL	10810000	CPM PROGRESS SCHEDULE (SEE PROPOSAL NOTE)	NR	-	LS	$ 3,000.00	$ 3,000.00
SECTION TOTAL INCIDENTALS :							**$**	**350,879.10**
GENERAL CONTINGENCY FOR UNFORESEEN CONDITIONS (100% LOCAL):								**$ 400,000.00**
GRAND TOTAL ESTIMATED :								**$ 7,000,000.00**