

Estimate 102886 HAM-652

Estimated Cost:\$10,532,643.26

Contingency: 4.60%

Estimated Total: \$11,017,144.85

HAM-SR 562-0.62 Final Tracings

Base Date: 02/20/23

Spec Year: 23

Unit System:

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type:

Urban/Rural Type: URBAN CLASS

Season: SUMMER

County: HAMILTON

Latitude of Midpoint: 391659

Longitude of Midpoint: -844660

District: 08

Federal/State Project Number: E200203

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0100: ROADWAY

0005	201E11000	1.000	LS	\$25,000.00	\$25,000.00
CLEARING AND GRUBBING					
0006	202E30000	80.000	SF	\$5.08	\$406.40
WALK REMOVED					
0007	202E30701	365.000	FT	\$50.00	\$18,250.00
CONCRETE BARRIER REMOVED, AS PER PLAN					
0008	202E32000	18.000	FT	\$17.52	\$315.36
CURB REMOVED					
0009	202E38000	6,450.000	FT	\$2.95	\$19,027.50
GUARDRAIL REMOVED					
0010	202E42206	18.000	EACH	\$400.00	\$7,200.00
ANCHOR ASSEMBLY REMOVED					
0011	202E47000	11.000	EACH	\$123.42	\$1,357.62
BRIDGE TERMINAL ASSEMBLY REMOVED					
0012	606E15050	1,875.000	FT	\$22.35	\$41,906.25
GUARDRAIL, TYPE MGS					
0013	606E15100	4,575.000	FT	\$23.72	\$108,519.00
GUARDRAIL, TYPE MGS WITH LONG POSTS					
0014	606E26150	9.000	EACH	\$2,815.89	\$25,343.01
ANCHOR ASSEMBLY, MGS TYPE E , (MASH 2016)					
0015	606E26550	9.000	EACH	\$1,302.43	\$11,721.87
ANCHOR ASSEMBLY, MGS TYPE T					
0016	606E35002	7.000	EACH	\$2,575.09	\$18,025.63
MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1					
0017	606E35102	4.000	EACH	\$524.41	\$2,097.64
MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2					
0018	608E10000	25.000	SF	\$6.73	\$168.25
4" CONCRETE WALK					
0019	608E52000	50.000	SF	\$20.98	\$1,049.00
CURB RAMP					
0020	622E90000	365.000	FT	\$600.00	\$219,000.00
BARRIER, MISC.: CONCRETE BARRIER, AS PER PLAN					
0021	690E98100	2,000.000	FT	\$25.00	\$50,000.00
MISC: TREE TRIMMING					

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Total for Group 0100:\$549,387.53

Group 0200: EROSION CONTROL

0022	659E00100	2.000	EACH	\$145.86	\$291.72
SOIL ANALYSIS TEST					
0023	659E00300	1,129.000	CY	\$26.08	\$29,444.32
TOPSOIL					
0024	659E10000	10,166.000	SY	\$1.22	\$12,402.52
SEEDING AND MULCHING					
0025	659E14000	508.000	SY	\$0.87	\$441.96
REPAIR SEEDING AND MULCHING					
0026	659E20000	1.380	TON	\$736.04	\$1,015.74
COMMERCIAL FERTILIZER					
0027	659E31000	2.100	ACRE	\$75.23	\$157.98
LIME					
0028	659E35000	56.000	MGAL	\$1.91	\$106.96
WATER					
0029	832E30000	127,000.000	EACH	\$1.00	\$127,000.00
EROSION CONTROL					

Total for Group 0200:\$170,861.20

Group 0300: DRAINAGE

0030	690E98600	40.000	HOUR	\$525.00	\$21,000.00
MISC.: DRAINAGE SYSTEM CLEANING, OVER 36"					
0031	690E98600	80.000	HOUR	\$500.00	\$40,000.00
MISC.: DRAINAGE SYSTEM CLEANING, 36" AND UNDER					

Total for Group 0300:\$61,000.00

Group 0400: PAVEMENT

0032	251E01030	72.000	CY	\$653.14	\$47,026.08
PARTIAL DEPTH PAVEMENT REPAIR (442)					
0033	252E01000	820.000	SY	\$150.00	\$123,000.00
FULL DEPTH RIGID PAVEMENT REMOVAL AND FLEXIBLE REPLACEMENT					
0034	252E01500	3,814.000	FT	\$2.10	\$8,009.40
FULL DEPTH PAVEMENT SAWING					
0035	253E02001	2.000	CY	\$300.00	\$600.00

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PAVEMENT REPAIR, AS PER PLAN					
0036	254E01000	123,422.000	SY	\$2.12	\$261,654.64
PAVEMENT PLANING, ASPHALT CONCRETE , 1.5"					
0037	254E01600	6,179.000	SY	\$4.32	\$26,693.28
PATCHING PLANED SURFACE					
0038	407E20000	10,497.000	GAL	\$4.18	\$43,877.46
NON-TRACKING TACK COAT					
0039	442E00100	3,512.000	CY	\$12.33	\$43,302.96
ANTI-SEGREGATION EQUIPMENT					
0040	442E10301	5,152.000	CY	\$240.00	\$1,236,480.00
ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (447), AS PER PLAN					
0041	609E23001	126.000	FT	\$70.00	\$8,820.00
COMBINATION CURB AND GUTTER, TYPE 4, AS PER PLAN					
0042	609E26000	7.000	FT	\$26.96	\$188.72
CURB, TYPE 6					
0043	618E40600	7.900	MILE	\$1,299.67	\$10,267.39
RUMBLE STRIPS, SHOULDER (ASPHALT CONCRETE)					

Total for Group 0400:\$1,809,919.93

Group 0500: LIGHTING ALTERNATES

0044	625E27521	44.000	EACH	\$750.00	\$33,000.00
REMOVAL OF LUMINAIRE AND REERECTION, AS PER PLAN					

Total for Group 0500:\$33,000.00

Group 0600: TRAFFIC SURVEILLANCE

0045	809E70000	1.000	LS	\$23,000.00	\$23,000.00
MAINTAINING ITS DURING CONSTRUCTION					

Total for Group 0600:\$23,000.00

Group 0700: TRAFFIC CONTROL

0046	621E00100	334.000	EACH	\$39.29	\$13,122.86
RPM					
0047	621E54000	334.000	EACH	\$12.47	\$4,164.98
RAISED PAVEMENT MARKER REMOVED					
0048	625E32000	34.000	EACH	\$323.44	\$10,996.96
GROUND ROD					

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<u>Description</u>					
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0049	626E00102	14.000	EACH	\$12.27	\$171.78
BARRIER REFLECTOR, TYPE 1 , BIDIRECTIONAL, YELLOW/YELLOW					
0050	626E00112	88.000	EACH	\$9.33	\$821.04
BARRIER REFLECTOR, TYPE 3 , ONE WAY, WHITE					
0051	630E03100	726.000	FT	\$12.26	\$8,900.76
GROUND MOUNTED SUPPORT, NO. 3 POST					
0052	630E06500	29.200	FT	\$27.00	\$788.40
GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9					
0053	630E07600	34.000	FT	\$32.19	\$1,094.46
GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X12					
0054	630E08600	7.000	EACH	\$52.20	\$365.40
SIGN POST REFLECTOR					
0055	630E09000	4.000	EACH	\$463.07	\$1,852.28
BREAKAWAY STRUCTURAL BEAM CONNECTION					
0056	630E20401	1.000	EACH	\$12,000.00	\$12,000.00
OVERHEAD SIGN SUPPORT, TYPE TC-12.30, DESIGN 4, AS PER PLAN					
0057	630E72110	2.000	EACH	\$10,000.00	\$20,000.00
OVERHEAD SIGN SUPPORT, TYPE TC-9.11, DESIGN 2					
0058	630E72320	5.000	EACH	\$26,000.00	\$130,000.00
OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 6					
0059	630E72330	7.000	EACH	\$34,000.00	\$238,000.00
OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 10					
0060	630E72340	1.000	EACH	\$36,207.65	\$36,207.65
OVERHEAD SIGN SUPPORT, TYPE TC-12.31, DESIGN 12					
0061	630E72410	9.000	EACH	\$65,000.00	\$585,000.00
OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1					
0062	630E75000	22.000	EACH	\$570.84	\$12,558.48
SIGN ATTACHMENT ASSEMBLY					
0063	630E79500	3.000	EACH	\$156.99	\$470.97
SIGN SUPPORT ASSEMBLY, POLE MOUNTED					
0064	630E80100	770.200	SF	\$18.66	\$14,371.93
SIGN, FLAT SHEET					
0065	630E80200	78.000	SF	\$27.45	\$2,141.10
SIGN, GROUND MOUNTED EXTRUSHEET					

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0066	630E80224	5,791.500	SF	\$23.63	\$136,853.14
SIGN, OVERHEAD EXTRUSHEET					
0067	630E80225	64.000	SF	\$30.00	\$1,920.00
SIGN, OVERHEAD EXTRUSHEET, AS PER PLAN					
0068	630E80300	36.000	SF	\$26.07	\$938.52
SIGN, TEMPORARY OVERLAY					
0069	630E81020	23.000	EACH	\$850.00	\$19,550.00
CONCRETE MEDIAN BARRIER SIGN BRACKET					
0070	630E84011	6.000	EACH	\$12,059.73	\$72,358.38
CONCRETE BARRIER MEDIAN OVERHEAD SIGN SUPPORT FOUNDATION, TYPE TC-21.50, AS PER PLAN					
0071	630E84500	4.000	EACH	\$1,061.60	\$4,246.40
GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION					
0072	630E84510	24.000	EACH	\$6,666.06	\$159,985.44
RIGID OVERHEAD SIGN SUPPORT FOUNDATION					
0073	630E84900	56.000	EACH	\$16.81	\$941.36
REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL					
0074	630E85400	1.000	EACH	\$199.97	\$199.97
REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL					
0075	630E86002	23.000	EACH	\$23.68	\$544.64
REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL					
0076	630E86102	4.000	EACH	\$230.19	\$920.76
REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL					
0077	630E86310	6.000	EACH	\$258.56	\$1,551.36
REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL					
0078	630E87400	69.000	EACH	\$207.05	\$14,286.45
REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL					
0079	630E87500	7.000	EACH	\$26.98	\$188.86
REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL					
0080	630E89702	16.000	EACH	\$652.44	\$10,439.04
REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL					
0081	630E89802	9.000	EACH	\$3,040.04	\$27,360.36
REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-7.65					
0082	630E89902	16.000	EACH	\$16.00	\$256.00
REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM : BARRIER MOUNTED SUPPORT AND DISPOSAL					
0083	630E89902	32.000	EACH	\$32.00	\$1,024.00

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REMOVAL OF MISCELLANEOUS TRAFFIC CONTROL ITEM : BARRIER MOUNTED SIGN AND DISPOSAL					
0084	631E94470	2.000	EACH	\$25.00	\$50.00
REMOVAL OF SIGN SERVICE					
0085	632E26500	12.000	EACH	\$1,356.98	\$16,283.76
DETECTOR LOOP					
0086	632E27200	12.000	EACH	\$116.72	\$1,400.64
LOOP DETECTOR TIE IN					
0087	642E00400	400.000	FT	\$1.21	\$484.00
CHANNELIZING LINE, 8", TYPE 1					
0088	644E00104	10.230	MILE	\$3,830.00	\$39,180.90
EDGE LINE, 6"					
0089	644E00204	3.630	MILE	\$1,648.22	\$5,983.04
LANE LINE, 6"					
0090	644E00404	7,860.000	FT	\$1.52	\$11,947.20
CHANNELIZING LINE, 12"					
0091	644E00500	302.000	FT	\$6.42	\$1,938.84
STOP LINE					
0092	644E00620	479.000	FT	\$4.25	\$2,035.75
CROSSWALK LINE, 12"					
0093	644E00700	2,110.000	FT	\$5.66	\$11,942.60
TRANSVERSE/DIAGONAL LINE					
0094	644E00720	1,565.000	FT	\$6.07	\$9,499.55
CHEVRON MARKING , WHITE					
0095	644E01300	32.000	EACH	\$108.34	\$3,466.88
LANE ARROW , 6'					
0096	644E01360	4.000	EACH	\$259.19	\$1,036.76
WRONG WAY ARROW					
0097	644E01510	6,671.000	FT	\$1.13	\$7,538.23
DOTTED LINE, 6" , WHITE					
0098	644E01520	2,060.000	FT	\$1.59	\$3,275.40
DOTTED LINE, 12" , WHITE					
0099	646E10010	2.800	MILE	\$9,311.97	\$26,073.52
EDGE LINE, 6"					
0100	646E10110	1.400	MILE	\$7,100.54	\$9,940.76
LANE LINE, 6"					

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0101	646E20504	910.000	FT	\$2.43	\$2,211.30
DOTTED LINE, 6" , WHITE					

Total for Group 0700:\$1,700,882.86

Group 0800: STRUCTURE OVER 20 FOOT SPAN (SFN 3113884)

0102	202E11201	1.000	LS	\$100,000.00	\$100,000.00
PORTIONS OF STRUCTURE REMOVED, AS PER PLAN					
0103	509E20001	400.000	LB	\$3.11	\$1,244.00
CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN					
0104	509E25001	13,775.000	LB	\$1.56	\$21,489.00
UNCOATED STEEL REINFORCEMENT, AS PER PLAN					
0105	509E30020	6,149.000	FT	\$1.16	\$7,132.84
NO. 4 DEFORMED GFRP REINFORCEMENT ITEM 509E30020 - NO. 4 GFRP DEFORMED BARS					
0106	510E09951	892.000	EACH	\$23.56	\$21,015.52
DOWEL HOLES WITH CEMENT GROUT, AS PER PLAN					
0107	511E34410	31.000	CY	\$2,155.91	\$66,833.21
CLASS QC2 CONCRETE, SUPERSTRUCTURE					
0108	511E34448	72.000	CY	\$1,250.00	\$90,000.00
CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)					
0109	511E45710	13.000	CY	\$1,170.42	\$15,215.46
CLASS QC1 CONCRETE, ABUTMENT					
0110	512E10100	1,122.000	SY	\$21.50	\$24,123.00
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0111	512E73500	1,544.000	SY	\$9.39	\$14,498.16
TREATING CONCRETE BRIDGE DECKS WITH GRAVITY FED RESIN					
0112	512E74000	824.000	SY	\$23.70	\$19,528.80
REMOVAL OF EXISTING COATINGS FROM CONCRETE SURFACES					
0113	513E10201	11,813.000	LB	\$11.00	\$129,943.00
STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN					
0114	513E21001	20.000	EACH	\$406.92	\$8,138.40
TRIMMING OF BEAM END, AS PER PLAN					
0115	516E10501	174.000	FT	\$300.00	\$52,200.00
STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC COMPRESSION SEAL, AS PER PLAN					
0116	516E11211	172.000	FT	\$634.09	\$109,063.48
STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN					

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0117	516E44201	10.000	EACH	\$2,000.00	\$20,000.00
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING 12"x12"x3.018" AND LOAD PLATE 13"x13"x1.5")					
0118	516E44201	10.000	EACH	\$2,000.00	\$20,000.00
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (BEARING 12"x12"x3.151" AND LOAD PLATE 13"x13"x1.5")					
0119	516E47001	1.000	LS	\$30,000.00	\$30,000.00
JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					
0120	519E11101	20.000	SF	\$110.23	\$2,204.60
PATCHING CONCRETE STRUCTURE, AS PER PLAN					
0121	519E12300	17.000	SY	\$655.52	\$11,143.84
PATCHING CONCRETE BRIDGE DECK - TYPE B					
0122	530E13000	1,242.000	SF	\$16.23	\$20,157.66
FORM LINER					
0123	625E25400	432.000	FT	\$26.00	\$11,232.00
CONDUIT, 2", 725.04					
0124	625E29000	22.000	FT	\$19.30	\$424.60
TRENCH					
0125	625E29002	74.000	FT	\$12.96	\$959.04
TRENCH, 24" DEEP					
0126	625E29940	1.000	EACH	\$2,000.00	\$2,000.00
BARRIER JUNCTION BOX					
0127	625E30710	2.000	EACH	\$2,617.84	\$5,235.68
PULL BOX, 725.08, 32"					
0128	625E35011	1.000	EACH	\$1,500.00	\$1,500.00
REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN					
0129	625E39520	4.000	EACH	\$125.85	\$503.40
PULL BOX CLEANED					
0130	625E98200	1.000	LS	\$30,000.00	\$30,000.00
LIGHTING, MISC.: (RESTORE EXISTING LIGHTING CIRCUIT, AS PER PLAN)					
0131	809E24500	434.000	FT	\$35.00	\$15,190.00
CONDUIT, 4", MULTICELL, HDPE WITH 4 - 1" INNERDUCTS (RESTORE EXISTING LIGHTING CIRCUIT, AS PER PLAN)					
0132	847E10000	40.000	SY	\$1,000.00	\$40,000.00
MICRO SILICA MODIFIED CONCRETE OVERLAY (2 1/4")					
0133	847E20000	1.000	CY	\$1,200.00	\$1,200.00
MICRO SILICA MODIFIED CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY					
0134	847E30000	1.000	LS	\$2,500.00	\$2,500.00

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	TEST SLAB				
0135	847E30400 EXISTING CONCRETE OVERLAY REMOVED	40.000	SY	\$50.00	\$2,000.00
0136	847E50000 HAND CHIPPING	1.000	SY	\$500.00	\$500.00

Total for Group 0800:\$897,175.69

Group 0900: STRUCTURE OVER 20 FOOT SPAN (SFN 3113914)

0137	202E11201 PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1.000	LS	\$310,000.00	\$310,000.00
0138	202E30700 CONCRETE BARRIER REMOVED	130.000	FT	\$32.51	\$4,226.30
0139	509E20001 CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CONCRETE REINFORCEMENT, AS PER PLAN	600.000	LB	\$3.12	\$1,872.00
0140	509E25001 UNCOATED STEEL REINFORCEMENT, AS PER PLAN	67,336.000	LB	\$1.56	\$105,044.16
0141	509E30020 NO. 4 DEFORMED GFRP REINFORCEMENT 509E30020 NO. 4 GFRP DEFORMED BARS	42,748.000	FT	\$1.16	\$49,587.68
0142	510E09951 DOWEL HOLES WITH CEMENT GROUT, AS PER PLAN	6,046.000	EACH	\$23.56	\$142,443.76
0143	510E10000 DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	4.000	EACH	\$22.96	\$91.84
0144	511E34410 CLASS QC2 CONCRETE, SUPERSTRUCTURE	27.000	CY	\$2,155.91	\$58,209.57
0145	511E34448 CLASS QC2 CONCRETE, BRIDGE DECK (PARAPET)	426.000	CY	\$1,100.00	\$468,600.00
0146	511E45710 CLASS QC1 CONCRETE, ABUTMENT	14.000	CY	\$1,170.42	\$16,385.88
0147	511E53012 CLASS QC2 CONCRETE, MISC.: (CONCRETE BARRIER)	15.000	CY	\$563.72	\$8,455.80
0148	512E10100 SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	4,082.000	SY	\$21.50	\$87,763.00
0149	513E10201 STRUCTURAL STEEL MEMBERS, LEVEL UF, AS PER PLAN	13,250.000	LB	\$11.00	\$145,750.00
0150	513E21001	12.000	EACH	\$406.92	\$4,883.04

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TRIMMING OF BEAM END, AS PER PLAN					
0151	513E95020	1.000	LS	\$10,000.00	\$10,000.00
STRUCTURAL STEEL, MISC.: (PIER CAP REPAIRS)					
0152	516E11211	401.000	FT	\$634.09	\$254,270.09
STRUCTURAL EXPANSION JOINT INCLUDING ELASTOMERIC STRIP SEAL, AS PER PLAN					
0153	516E13600	16.000	SF	\$8.98	\$143.68
1" PREFORMED EXPANSION JOINT FILLER					
0154	516E44201	10.000	EACH	\$2,000.00	\$20,000.00
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN : (BEARING 4.087" x 14" x 12 1/2" AND LOAD PLATE 1" x 15" x 13 1/2")					
0155	516E44201	11.000	EACH	\$2,000.00	\$22,000.00
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN : (BEARING 3.607" x 14" x 11" AND LOAD PLATE 1 1/2" x 15" x 12")					
0156	516E47001	1.000	LS	\$40,000.00	\$40,000.00
JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN					
0157	518E63300	1.000	LS	\$10,000.00	\$10,000.00
STRUCTURE DRAINAGE, MISC.: CLEAN & REPAIR EXISTING BRIDGE DRAINAGE SYSTEM					
0158	519E00100	68.000	SF	\$65.00	\$4,420.00
COMPOSITE FIBER WRAP SYSTEM					
0159	519E11101	296.000	SF	\$110.23	\$32,628.08
PATCHING CONCRETE STRUCTURE, AS PER PLAN					
0160	519E12610	22.000	FT	\$800.00	\$17,600.00
CONCRETE REPAIR BY EPOXY INJECTION INCLUDING SURFACE PREPARATION					
0161	530E00600	6,377.000	SF	\$25.00	\$159,425.00
SPECIAL - STRUCTURES <i>TIMBER SUBDECK</i>					
0162	601E34300	6.000	CY	\$200.00	\$1,200.00
ROCK CHANNEL PROTECTION, TYPE D WITHOUT FILTER					
0163	622E10160	41.000	FT	\$170.88	\$7,006.08
CONCRETE BARRIER, SINGLE SLOPE, TYPE D					
0164	622E25000	2.000	EACH	\$4,174.94	\$8,349.88
CONCRETE BARRIER END SECTION, TYPE D					
0165	625E25400	3,001.000	FT	\$21.48	\$64,461.48
CONDUIT, 2", 725.04					
0166	625E29000	12.000	FT	\$19.12	\$229.44
TRENCH					
0167	625E29002	129.000	FT	\$13.93	\$1,796.97
TRENCH, 24" DEEP					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0168	625E29940	14.000	EACH	\$2,000.00	\$28,000.00
BARRIER JUNCTION BOX					
0169	625E30711	2.000	EACH	\$3,000.00	\$6,000.00
PULL BOX, 725.08, 32", AS PER PLAN					
0170	625E35011	11.000	EACH	\$1,500.00	\$16,500.00
REMOVE AND REERECT EXISTING LIGHT POLE, AS PER PLAN					
0171	625E39520	3.000	EACH	\$125.82	\$377.46
PULL BOX CLEANED					
0172	625E98200	1.000	LS	\$30,000.00	\$30,000.00
LIGHTING, MISC.: (RESTORE EXISTING LIGHTING CIRCUIT)					
0173	809E24500	1,409.000	FT	\$35.00	\$49,315.00
CONDUIT, 4", MULTICELL, HDPE WITH 4 - 1" INNERDUCTS					
0174	848E10201	12,332.000	SY	\$95.00	\$1,171,540.00
SUPERPLASTICIZED DENSE CONCRETE OVERLAY USING HYDRODEMOLITION, AS PER PLAN (2 3/4" THICK)					
0175	848E20000	12,332.000	SY	\$75.00	\$924,900.00
SURFACE PREPARATION USING HYDRODEMOLITION					
0176	848E30200	14.000	CY	\$363.46	\$5,088.44
SUPERPLASTICIZED DENSE CONCRETE OVERLAY (VARIABLE THICKNESS), MATERIAL ONLY					
0177	848E50000	245.000	SY	\$85.00	\$20,825.00
HAND CHIPPING					
0178	848E50100	1.000	LS	\$2,500.00	\$2,500.00
TEST SLAB					
0179	848E50200	2.000	CY	\$570.92	\$1,141.84
FULL-DEPTH REPAIR					
0180	848E50320	12,228.000	SY	\$11.50	\$140,622.00
EXISTING CONCRETE OVERLAY REMOVED					

Total for Group 0900:\$4,453,653.47

Group 1000: MAINTENANCE OF TRAFFIC

0181	614E11110	320.000	HOURL	\$87.34	\$27,948.80
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
0182	614E12380	7.000	EACH	\$2,414.37	\$16,900.59
WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UNIDIRECTIONAL)					
0183	614E12420	1.000	LS	\$200,000.00	\$200,000.00
DETOUR SIGNING					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0184	614E13310	31.000	EACH	\$14.86	\$460.66
BARRIER REFLECTOR, TYPE 1 , ONE WAY					
0185	614E13350	31.000	EACH	\$17.10	\$530.10
OBJECT MARKER, ONE WAY					
0186	614E18600	32.000	SNMT	\$1,087.64	\$34,804.48
PORTABLE CHANGEABLE MESSAGE SIGN					
0187	614E20110	5.030	MILE	\$645.04	\$3,244.55
WORK ZONE LANE LINE, CLASS I, 6", 642 PAINT					
0188	614E22110	13.030	MILE	\$1,318.08	\$17,174.58
WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT					
0189	614E22210	0.070	MILE	\$10,637.17	\$744.60
WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I					
0190	614E22326	0.690	MILE	\$11,203.95	\$7,730.73
WORK ZONE EDGE LINE, CLASS I, 6", 873					
0191	614E23200	400.000	FT	\$0.92	\$368.00
WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAINT					
0192	614E23210	7,860.000	FT	\$0.77	\$6,052.20
WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT					
0193	614E24122	215.000	FT	\$3.00	\$645.00
WORK ZONE DOTTED LINE, CLASS I, 6", 873					
0194	614E24202	7,581.000	FT	\$0.70	\$5,306.70
WORK ZONE DOTTED LINE, CLASS I, 6", 642 PAINT					
0195	614E24208	2,060.000	FT	\$0.76	\$1,565.60
WORK ZONE DOTTED LINE, CLASS I, 12", 642 PAINT					
0196	614E24402	150.000	FT	\$5.00	\$750.00
WORK ZONE DOTTED LINE, CLASS I, 6", 740.06, TYPE I					
0197	614E25200	2,110.000	FT	\$3.65	\$7,701.50
WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT					
0198	614E26200	302.000	FT	\$3.73	\$1,126.46
WORK ZONE STOP LINE, CLASS I, 642 PAINT					
0199	614E27050	479.000	FT	\$2.20	\$1,053.80
WORK ZONE CROSSWALK LINE, CLASS I, 12", 642 PAINT					
0200	614E30200	4.000	EACH	\$71.88	\$287.52
WORK ZONE ARROW, CLASS I, 642 PAINT ,(WRONG WAY)					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0201	614E30200	32.000	EACH	\$71.88	\$2,300.16
WORK ZONE ARROW, CLASS I, 642 PAINT ,6'					
0202	622E41100	1,080.000	FT	\$22.55	\$24,354.00
PORTABLE BARRIER, UNANCHORED					
0203	642E00400	400.000	FT	\$1.21	\$484.00
CHANNELIZING LINE, 8", TYPE 1					
0204	644E00204	0.040	MILE	\$1,648.22	\$65.93
LANE LINE, 6"					
0205	644E01510	1,734.000	FT	\$1.13	\$1,959.42
DOTTED LINE, 6"					

Total for Group 1000:\$363,559.38

Group 1100: INCIDENTALS

0206	614E11000	1.000	LS	\$100,000.00	\$100,000.00
MAINTAINING TRAFFIC					
0207	619E16020	24.000	MNTH	\$2,591.80	\$62,203.20
FIELD OFFICE, TYPE C					
0208	623E10000	1.000	LS	\$8,000.00	\$8,000.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					
0209	624E10000	1.000	LS	\$250,000.00	\$250,000.00
MOBILIZATION					
0210	690E98400	1.000	LS	\$50,000.00	\$50,000.00

CONSULTANT FOR CONCRETE QUALITY CONTROL INCLUDING TESTING AND INSPECTION

Total for Group 1100:\$470,203.20