

Mt. Juliet ITS and Signal Improvements Project, Phase 2

TDOT PIN : 127895.00

Federal Project Number: CM/CRP-NH-171(32)

State Project Number: 95LPLM-F3-087

ITEM	ITEM NUMBER	DESCRIPTION	UNITS	QUANTITY	ENGINEER'S ESTIMATE		S&W		Stansell	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BASE BID - ROADWAY ITEMS										
1	105-01	CONSTRUCTION STAKES, LINES AND GRADES	L.S.	1	\$ 40,000.00	\$ 40,000.00	\$ 25,000.00	\$ 25,000.00	\$ 32,000.00	\$ 32,000.00
2	202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	S.Y.	100	\$ 80.00	\$ 8,000.00	\$ 36.00	\$ 3,600.00	\$ 71.00	\$ 7,100.00
3	202-03.01	REMOVAL OF ASPHALT PAVEMENT	S.Y.	240	\$ 80.00	\$ 19,200.00	\$ 36.00	\$ 8,640.00	\$ 30.00	\$ 7,200.00
4	202-08.15	REMOVAL OF CURB & GUTTER (CONCRETE)	L.F.	400	\$ 50.00	\$ 20,000.00	\$ 12.00	\$ 4,800.00	\$ 35.00	\$ 14,000.00
5	203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	70	\$ 45.00	\$ 3,150.00	\$ 120.00	\$ 8,400.00	\$ 150.00	\$ 10,500.00
6	203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	33	\$ 200.00	\$ 6,600.00	\$ 56.00	\$ 1,848.00	\$ 300.00	\$ 9,900.00
7	209-03.20	FILTER SOCK (8 INCH)	L.F.	20	\$ 5.00	\$ 100.00	\$ 23.00	\$ 460.00	\$ 10.00	\$ 200.00
8	209-05	SEDIMENT REMOVAL	C.Y.	60	\$ 60.00	\$ 3,600.00	\$ 23.00	\$ 1,380.00	\$ 40.00	\$ 2,400.00
9	209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	200	\$ 7.00	\$ 1,400.00	\$ 17.00	\$ 3,400.00	\$ 8.00	\$ 1,600.00
10	209-09.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	L.F.	1100	\$ 3.00	\$ 3,300.00	\$ 13.20	\$ 14,520.00	\$ 4.00	\$ 4,400.00
11	209-09.41	CURB INLET PROTECTION (TYPE 2)	EACH	2	\$ 400.00	\$ 800.00	\$ 333.00	\$ 666.00	\$ 900.00	\$ 1,800.00
12	209-09.43	CURB INLET PROTECTION (TYPE 4)	EACH	5	\$ 200.00	\$ 1,000.00	\$ 550.00	\$ 2,750.00	\$ 300.00	\$ 1,500.00
13	209-40.34	CATCH BASIN PROTECTION (TYPE E)	EACH	2	\$ 450.00	\$ 900.00	\$ 550.00	\$ 1,100.00	\$ 600.00	\$ 1,200.00
14	306-02.01	PORTLAND CEMENT CONCRETE BASE (PLAIN) 7"	S.Y.	22	\$ 125.00	\$ 2,750.00	\$ 60.00	\$ 1,320.00	\$ 500.00	\$ 11,000.00
15	403-02.02	HOT APPLIED TACK COAT	TON	0.1	\$ 2,500.00	\$ 250.00	\$ 3,700.00	\$ 370.00	\$ 10,000.00	\$ 1,000.00
17	407-20.05	SAW CUTTING ASPHALT PAVEMENT	L.F.	210	\$ 15.00	\$ 3,150.00	\$ 12.00	\$ 2,520.00	\$ 20.00	\$ 4,200.00
16	411-02.10	ACS MIX (PG70-22) GRADING D	TON	3	\$ 3,600.00	\$ 10,800.00	\$ 330.00	\$ 990.00	\$ 4,400.00	\$ 13,200.00
18	611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 1,650.00	\$ 1,650.00	\$ 3,300.00	\$ 3,300.00
19	701-01.01	CONCRETE SIDEWALK (4")	S.F.	1080	\$ 30.00	\$ 32,400.00	\$ 24.00	\$ 25,920.00	\$ 16.00	\$ 17,280.00
20	701-02.01	CONCRETE CURB RAMP (RETROFIT)	S.F.	2860	\$ 55.00	\$ 157,300.00	\$ 34.00	\$ 97,240.00	\$ 32.00	\$ 91,520.00
21	701-02.03	CONCRETE CURB RAMP	S.F.	480	\$ 50.00	\$ 24,000.00	\$ 28.00	\$ 13,440.00	\$ 32.00	\$ 15,360.00
22	702-01	CONCRETE CURB	C.Y.	10	\$ 1,150.00	\$ 11,500.00	\$ 220.00	\$ 2,200.00	\$ 2,600.00	\$ 26,000.00
23	702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	30	\$ 1,100.00	\$ 33,000.00	\$ 330.00	\$ 9,900.00	\$ 700.00	\$ 21,000.00
24	712-01	TRAFFIC CONTROL	LS	1	\$ 200,000.00	\$ 200,000.00	\$ 40,000.00	\$ 40,000.00	\$ 93,000.00	\$ 93,000.00
25	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	100	\$ 45.00	\$ 4,500.00	\$ 40.00	\$ 4,000.00	\$ 25.00	\$ 2,500.00
26	712-05.03	WARNING LIGHTS (TYPE C)	EACH	100	\$ 40.00	\$ 4,000.00	\$ 33.00	\$ 3,300.00	\$ 15.00	\$ 1,500.00
27	712-06	SIGNS (CONSTRUCTION)	S.F.	684	\$ 15.00	\$ 10,260.00	\$ 10.00	\$ 6,840.00	\$ 10.00	\$ 6,840.00
28	712-08.03	ARROW BOARD (TYPE C)	EACH	2	\$ 1,500.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,000.00	\$ 2,000.00
29	713-11.01	"U" SECTION STEEL POSTS	LB	90	\$ 7.00	\$ 630.00	\$ 8.00	\$ 720.00	\$ 5.00	\$ 450.00
30	713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	LB	170	\$ 10.00	\$ 1,700.00	\$ 6.50	\$ 1,105.00	\$ 6.00	\$ 1,020.00
31	713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	S.F.	30	\$ 20.00	\$ 600.00	\$ 35.00	\$ 1,050.00	\$ 30.00	\$ 900.00
32	713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	S.F.	30	\$ 30.00	\$ 900.00	\$ 35.00	\$ 1,050.00	\$ 30.00	\$ 900.00
33	713-14.21	STREET NAME SIGN (RIGID 0.100IN THICK)	S.F.	50	\$ 50.00	\$ 2,500.00	\$ 65.00	\$ 3,250.00	\$ 90.00	\$ 4,500.00
34	713-15.01	REMOVAL OF EXISTING SIGN POST	EACH	1	\$ 150.00	\$ 150.00	\$ 55.00	\$ 55.00	\$ 700.00	\$ 700.00
35	713-16.21	SIGNS (R10-11, 36" x 48")	EACH	1	\$ 500.00	\$ 500.00	\$ 250.00	\$ 250.00	\$ 800.00	\$ 800.00
36	713-16.22	SIGNS (R10-15, 30" x 30")	EACH	2	\$ 250.00	\$ 500.00	\$ 250.00	\$ 500.00	\$ 600.00	\$ 1,200.00
37	713-16.23	SIGNS (TN-69A, 30" x 36")	EACH	6	\$ 350.00	\$ 2,100.00	\$ 250.00	\$ 1,500.00	\$ 500.00	\$ 3,000.00
38	713-20.30	SIGN ADJUSTMENTS	EACH	5	\$ 500.00	\$ 2,500.00	\$ 175.00	\$ 875.00	\$ 700.00	\$ 3,500.00
39	714-06.08	CABLE (SERVICE CABLE - 2 CONDUCTOR, # 8 AWG)	L.F.	770	\$ 6.00	\$ 4,620.00	\$ 3.00	\$ 2,310.00	\$ 4.00	\$ 3,080.00
40	716-02.03	PLASTIC PAVEMENT MARKING (CROSS-WALK)	L.F.	90	\$ 13.00	\$ 1,170.00	\$ 12.00	\$ 1,080.00	\$ 20.00	\$ 1,800.00
41	716-02.04	PLASTIC PAVEMENT MARKING (CHANNELIZATION STRIPING)	S.Y.	120	\$ 40.00	\$ 4,800.00	\$ 36.00	\$ 4,320.00	\$ 40.00	\$ 4,800.00
42	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	570	\$ 25.00	\$ 14,250.00	\$ 24.00	\$ 13,680.00	\$ 25.00	\$ 14,250.00
43	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	7	\$ 250.00	\$ 1,750.00	\$ 240.00	\$ 1,680.00	\$ 250.00	\$ 1,750.00
44	716-02.08	PLASTIC PAVEMENT MARKING (8" DOTTED LINE)	L.F.	600	\$ 3.00	\$ 1,800.00	\$ 3.00	\$ 1,800.00	\$ 5.00	\$ 3,000.00
45	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.	1700	\$ 35.00	\$ 59,500.00	\$ 30.00	\$ 51,000.00	\$ 50.00	\$ 85,000.00
46	716-03.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	1	\$ 350.00	\$ 350.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
47	716-04.01	PLASTIC PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	3	\$ 300.00	\$ 900.00	\$ 360.00	\$ 1,080.00	\$ 500.00	\$ 1,500.00
48	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH	4	\$ 200.00	\$ 800.00	\$ 275.00	\$ 1,100.00	\$ 300.00	\$ 1,200.00
49	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	60	\$ 30.00	\$ 1,800.00	\$ 42.00	\$ 2,520.00	\$ 50.00	\$ 3,000.00
50	716-08.01	REMOVAL OF PAVEMENT MARKING (LINE)	L.F.	1020	\$ 1.25	\$ 1,275.00	\$ 1.50	\$ 1,530.00	\$ 3.00	\$ 3,060.00

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51	716-08.02	REMOVAL OF PAVEMENT MARKING (8" BARRIER LINE)	L.F.	420	\$ 2.00	\$ 840.00	\$ 3.00	\$ 1,260.00	\$ 5.00	\$ 2,100.00
52	716-08.03	REMOVAL OF PAVEMENT MARKING (CROSS-WALK)	L.F.	1760	\$ 10.00	\$ 17,600.00	\$ 9.00	\$ 15,840.00	\$ 16.00	\$ 28,160.00
53	716-08.05	REMOVAL OF PAVEMENT MARKING (STOP LINE)	L.F.	520	\$ 10.00	\$ 5,200.00	\$ 12.00	\$ 6,240.00	\$ 13.00	\$ 6,760.00
54	716-08.06	REMOVAL OF PAVEMENT MARKING (TURN LANE ARROW)	EACH	9	\$ 120.00	\$ 1,080.00	\$ 85.00	\$ 765.00	\$ 130.00	\$ 1,170.00
55	716-08.07	REMOVAL OF PAVEMENT MARKING (STRAIGHT-TURN ARROW)	EACH	9	\$ 150.00	\$ 1,350.00	\$ 120.00	\$ 1,080.00	\$ 200.00	\$ 1,800.00
56	716-13.02	SPRAY THERMO PVMT MRKNG (60 mil) (6IN LINE)	L.M.	0.28	\$ 20,000.00	\$ 5,600.00	\$ 12,000.00	\$ 3,360.00	\$ 13,200.00	\$ 3,696.00
57	716-13.03	SPRAY THERMO PVMT MRKNG (60 mil) (8IN BARRIER LINE)	L.F.	380	\$ 3.00	\$ 1,140.00	\$ 6.00	\$ 2,280.00	\$ 5.00	\$ 1,900.00
58	717-01	MOBILIZATION	LS	1	\$ 200,000.00	\$ 200,000.00	\$ 50,000.00	\$ 50,000.00	\$ 176,500.00	\$ 176,500.00
59	725-02.23	SPARE PARTS	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00	\$ 40,000.00
60	725-02.41	FIBER OPTIC TERMINATION SPLICE UNIT	EACH	1	\$ 5,000.00	\$ 5,000.00	\$ 18,000.00	\$ 18,000.00	\$ 13,500.00	\$ 13,500.00
61	725-02.79	FIBER SPLICE ENCLOSURE (AERIAL)	EACH	11	\$ 900.00	\$ 9,900.00	\$ 1,200.00	\$ 13,200.00	\$ 1,300.00	\$ 14,300.00
62	725-02.80	FIBER SPLICE ENCLOSURE (UNDERGROUND)	EACH	2	\$ 900.00	\$ 1,800.00	\$ 1,200.00	\$ 2,400.00	\$ 1,100.00	\$ 2,200.00
63	725-05.88	CELLULAR MODEM	EACH	1	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,500.00	\$ 3,500.00
64	725-21.92	RADAR DETECTION SYSTEM (ADVANCE)	EACH	8	\$ 10,000.00	\$ 80,000.00	\$ 11,000.00	\$ 88,000.00	\$ 12,000.00	\$ 96,000.00
65	725-21.93	RADAR DETECTION SYSTEM (STOP LINE)	EACH	16	\$ 10,000.00	\$ 160,000.00	\$ 11,000.00	\$ 176,000.00	\$ 10,000.00	\$ 160,000.00
66	725-23.10	FIBER OPTIC CABLE (72 F)	L.F.	24090	\$ 5.00	\$ 120,450.00	\$ 3.00	\$ 72,270.00	\$ 3.00	\$ 72,270.00
67	725-23.21	FIBER OPTIC DROP CABLE (12 F)	L.F.	4110	\$ 2.50	\$ 10,275.00	\$ 2.00	\$ 8,220.00	\$ 5.00	\$ 20,550.00
68	725-23.28	FIBER OPTIC SPLICE FUSION	EACH	122	\$ 150.00	\$ 18,300.00	\$ 50.00	\$ 6,100.00	\$ 100.00	\$ 12,200.00
69	725-23.31	FIBER OPTIC DROP PANEL (12 F)	EACH	12	\$ 700.00	\$ 8,400.00	\$ 1,200.00	\$ 14,400.00	\$ 900.00	\$ 10,800.00
70	725-28.01	ROAD SIDE UNIT (RSU)	EACH	13	\$ 10,000.00	\$ 130,000.00	\$ 14,500.00	\$ 188,500.00	\$ 14,500.00	\$ 188,500.00
71	725-28.07	ETHERNET SWITCH (FIELD LAYER 2)	EACH	13	\$ 8,000.00	\$ 104,000.00	\$ 4,000.00	\$ 52,000.00	\$ 4,200.00	\$ 54,600.00
72	725-28.20	SYSTEM INTEGRATION	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 230,000.00	\$ 230,000.00	\$ 184,000.00	\$ 184,000.00
73	730-01.02	REMOVAL OF SIGNAL EQUIPMENT	EACH	10	\$ 2,500.00	\$ 25,000.00	\$ 1,200.00	\$ 12,000.00	\$ 3,000.00	\$ 30,000.00
74	730-02.09	SIGNAL HEAD ASSEMBLY (130 WITH BACKPLATE)	EACH	6	\$ 1,000.00	\$ 6,000.00	\$ 1,150.00	\$ 6,900.00	\$ 1,200.00	\$ 7,200.00
75	730-02.17	SIGNAL HEAD ASSEMBLY (150 A2H WITH BACKPLATE)	EACH	5	\$ 1,500.00	\$ 7,500.00	\$ 1,800.00	\$ 9,000.00	\$ 2,200.00	\$ 11,000.00
76	730-02.18	SIGNAL HEAD ASSEMBLY (150 A2 POLE MOUNTED)	EACH	2	\$ 1,500.00	\$ 3,000.00	\$ 1,200.00	\$ 2,400.00	\$ 1,500.00	\$ 3,000.00
77	730-02.30	SIGNAL HEAD ASSEMBLY (BIMODAL FYA SIGNAL ASSEMBLY WITH BACKPLATE)	EACH	2	\$ 1,200.00	\$ 2,400.00	\$ 1,200.00	\$ 2,400.00	\$ 1,400.00	\$ 2,800.00
78	730-02.41	SIGNAL HEAD MODIFICATION (REPLACE RED SIGNAL LENS WITH RED ARROW LENS)	EACH	4	\$ 300.00	\$ 1,200.00	\$ 76.00	\$ 304.00	\$ 500.00	\$ 2,000.00
79	730-02.42	SIGNAL HEAD MODIFICATION (REPLACE EXISTING BACKPLATE)	EACH	85	\$ 350.00	\$ 29,750.00	\$ 250.00	\$ 21,250.00	\$ 600.00	\$ 51,000.00
80	730-02.43	SIGNAL HEAD MODIFICATION (REPLACE GREEN SIGNAL LENS WITH UP GREEN ARROW LENS)	EACH	1	\$ 350.00	\$ 350.00	\$ 76.00	\$ 76.00	\$ 500.00	\$ 500.00
81	730-02.44	SIGNAL HEAD MODIFICATION (RELOCATE SIGNAL HEAD)	EACH	8	\$ 450.00	\$ 3,600.00	\$ 250.00	\$ 2,000.00	\$ 600.00	\$ 4,800.00
82	730-02.59	SIGNAL HEAD ASSEMBLY (140 A4F WITH BACKPLATE)	EACH	5	\$ 1,200.00	\$ 6,000.00	\$ 1,325.00	\$ 6,625.00	\$ 1,500.00	\$ 7,500.00
83	730-03.21	INSTALL PULL BOX (TYPE B)	EACH	8	\$ 1,200.00	\$ 9,600.00	\$ 1,200.00	\$ 9,600.00	\$ 1,200.00	\$ 9,600.00
84	730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	EACH	26	\$ 3,000.00	\$ 78,000.00	\$ 1,800.00	\$ 46,800.00	\$ 3,100.00	\$ 80,600.00
85	730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	EACH	3	\$ 3,750.00	\$ 11,250.00	\$ 2,500.00	\$ 7,500.00	\$ 4,200.00	\$ 12,600.00
86	730-05.04	MODIFY EXISTING ELECTRICAL SERVICE CONNECTION	EACH	6	\$ 3,000.00	\$ 18,000.00	\$ 11,000.00	\$ 66,000.00	\$ 5,800.00	\$ 34,800.00
87	730-08.02	SIGNAL CABLE - 5 CONDUCTOR	L.F.	4450	\$ 1.80	\$ 8,010.00	\$ 2.00	\$ 8,900.00	\$ 1.80	\$ 8,010.00
88	730-08.03	SIGNAL CABLE - 7 CONDUCTOR	L.F.	7240	\$ 2.00	\$ 14,480.00	\$ 2.25	\$ 16,290.00	\$ 2.20	\$ 15,928.00
89	730-08.04	SIGNAL CABLE - 9 CONDUCTOR	L.F.	4330	\$ 4.00	\$ 17,320.00	\$ 2.50	\$ 10,825.00	\$ 2.70	\$ 11,691.00
90	730-08.05	SIGNAL CABLE - 12 CONDUCTOR	L.F.	4200	\$ 2.50	\$ 10,500.00	\$ 2.75	\$ 11,550.00	\$ 3.50	\$ 14,700.00
91	730-09.20	SPAN WIRE ASSEMBLY	L.F.	400	\$ 5.00	\$ 2,000.00	\$ 3.00	\$ 1,200.00	\$ 5.00	\$ 2,000.00
92	730-10.01	TETHER WIRE ASSEMBLY - 1/4" DIAMETER	L.F.	400	\$ 4.00	\$ 1,600.00	\$ 2.75	\$ 1,100.00	\$ 4.00	\$ 1,600.00
93	730-10.02	MESSENGER CABLE - 1/4" DIAMETER	L.F.	13050	\$ 2.50	\$ 32,625.00	\$ 2.00	\$ 26,100.00	\$ 2.00	\$ 26,100.00
94	730-11.10	RISER ASSEMBLY (SIGNAL)	EACH	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00
95	730-12.02	CONDUIT 2" DIAMETER (PVC)	L.F.	1510	\$ 12.00	\$ 18,120.00	\$ 18.00	\$ 27,180.00	\$ 26.00	\$ 39,260.00
96	730-12.08	CONDUIT 2" DIAMETER (RGS)	L.F.	700	\$ 32.00	\$ 22,400.00	\$ 30.00	\$ 21,000.00	\$ 40.00	\$ 28,000.00
97	730-12.16	CONDUIT (2" DIAMETER SCHEDULE 80 PVC, DIRECTIONAL DRILL)	L.F.	2780	\$ 50.00	\$ 139,000.00	\$ 72.00	\$ 200,160.00	\$ 45.00	\$ 125,100.00
98	730-12.17	CONDUIT (2" DIAMETER HDPE)	L.F.	4490	\$ 23.00	\$ 103,270.00	\$ 18.00	\$ 80,820.00	\$ 17.00	\$ 76,330.00
99	730-12.18	CONDUIT (2" DIAMETER HDPE, DIRECTIONAL DRILL)	L.F.	2370	\$ 60.00	\$ 142,200.00	\$ 72.00	\$ 170,640.00	\$ 44.00	\$ 104,280.00

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100	730-15.07	CABINET (ATC, BASE MOUNTED)	EACH	6	\$ 30,000.00	\$ 180,000.00	\$ 31,000.00	\$ 186,000.00	\$ 31,800.00	\$ 190,800.00
101	730-15.08	CABINET (BATTERY BACKUP, BASE MOUNTED)	EACH	9	\$ 10,000.00	\$ 90,000.00	\$ 3,900.00	\$ 35,100.00	\$ 6,700.00	\$ 60,300.00
102	730-16.14	CONTROLLER (MCCAIN FLEX CONTROLLER)	EACH	1	\$ 800.00	\$ 800.00	\$ 7,000.00	\$ 7,000.00	\$ 7,200.00	\$ 7,200.00
103	730-21.02	WOOD POLE (SIGNAL SUPPORT) CLASS 3, 40' LENGTH	EACH	3	\$ 1,000.00	\$ 3,000.00	\$ 1,200.00	\$ 3,600.00	\$ 2,700.00	\$ 8,100.00
104	730-22.02	GUYING DEVICE (ANGLE ANCHOR)	EACH	14	\$ 800.00	\$ 11,200.00	\$ 1,000.00	\$ 14,000.00	\$ 1,300.00	\$ 18,200.00
105	730-23.28	PEDESTAL POLE (TYPE A)	EACH	4	\$ 2,200.00	\$ 8,800.00	\$ 1,800.00	\$ 7,200.00	\$ 2,200.00	\$ 8,800.00
106	730-23.29	PEDESTAL POLE (TYPE B)	EACH	2	\$ 2,750.00	\$ 5,500.00	\$ 2,200.00	\$ 4,400.00	\$ 3,000.00	\$ 6,000.00
107	730-26.06	PEDESTRIAN PUSHBUTTON POST	EACH	10	\$ 1,800.00	\$ 18,000.00	\$ 1,800.00	\$ 18,000.00	\$ 1,900.00	\$ 19,000.00
108	730-26.09	PEDESTRIAN PUSHBUTTON WITH 15IN SIGN	EACH	8	\$ 1,200.00	\$ 9,600.00	\$ 850.00	\$ 6,800.00	\$ 1,000.00	\$ 8,000.00
109	730-26.11	COUNTDOWN PED SGNL HEAD W/AUDIBLE PUSH BUTTON & 15IN SIGN	EACH	48	\$ 1,600.00	\$ 76,800.00	\$ 1,400.00	\$ 67,200.00	\$ 1,700.00	\$ 81,600.00
110	730-26.12	PEDESTRIAN PUSHBUTTON HORIZONTAL EXTENSION	EACH	1	\$ 1,300.00	\$ 1,300.00	\$ 225.00	\$ 225.00	\$ 400.00	\$ 400.00
111	730-26.14	PEDESTRIAN PUSHBUTTON ADJUSTMENT	EACH	1	\$ 600.00	\$ 600.00	\$ 225.00	\$ 225.00	\$ 300.00	\$ 300.00
112	730-30.02	COMPUTER FOR SIGNAL SYSTEM (LAPTOP)	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00	\$ 7,000.00	\$ 7,000.00
113	730-35.06	BATTERY BACK-UP SYSTEM	EACH	9	\$ 8,000.00	\$ 72,000.00	\$ 7,500.00	\$ 67,500.00	\$ 6,800.00	\$ 61,200.00
114	790-74.36	FIBER RISER	EACH	17	\$ 1,250.00	\$ 21,250.00	\$ 1,000.00	\$ 17,000.00	\$ 2,200.00	\$ 37,400.00
115	798-06.13	FIBER OPTIC CABLE (72 INDOOR/OUTDOOR CABLE)	L.F.	200	\$ 8.00	\$ 1,600.00	\$ 3.00	\$ 600.00	\$ 4.00	\$ 800.00
116	798-06.48	FIBER STORAGE LOOP	EACH	12	\$ 400.00	\$ 4,800.00	\$ 500.00	\$ 6,000.00	\$ 400.00	\$ 4,800.00
117	801-03	WATER (SEEDING & SODDING)	M.G.	30	\$ 125.00	\$ 3,750.00	\$ 75.00	\$ 2,250.00	\$ 250.00	\$ 7,500.00
118	803-01	SODDING (NEW SOD)	S.Y.	520	\$ 10.00	\$ 5,200.00	\$ 7.00	\$ 3,640.00	\$ 8.00	\$ 4,160.00
119	920-10.04	LCD VIDEO WALL MONITOR	EACH	4	\$ 3,000.00	\$ 12,000.00	\$ 8,000.00	\$ 32,000.00	\$ 6,500.00	\$ 26,000.00
120	920-10.05	TOC ROOM MODIFICATION	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$ 19,000.00	\$ 19,000.00
121	920-11.04	ON BOARD UNIT (OBU)	EACH	2	\$ 15,000.00	\$ 30,000.00	\$ 13,000.00	\$ 26,000.00	\$ 11,500.00	\$ 23,000.00

TOTAL:

\$ 2,928,865.00

\$ 2,687,384.00

\$ 2,948,675.00