

SUM-91-9.59 (PID 102183)

BID PROPOSAL FORM

BASE BID						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
1	Walk Removed	202	2,738	SF	\$2.00	\$5,476.00
2	Traffic Island Removed	202	152	SY	\$27.00	\$4,104.00
3	Curb Removed	202	214	FT	\$4.75	\$1,016.50
4	Pipe Removed, 24" and Under	202	93	FT	\$52.00	\$4,836.00
5	Manhole Removed	202	1	EA	\$2,050.00	\$2,050.00
6	Catch Basin or Inlet Removed	202	2	EA	\$1,450.00	\$2,900.00
7	Excavation	203	192	CY	\$28.00	\$5,376.00
8	Embankment	203	141	CY	\$10.00	\$1,410.00
9	Subgrade Compaction	204	239	SY	\$2.00	\$478.00
10	Excavation of Subgrade	204	100	CY	\$25.00	\$2,500.00
11	Granular Material, Type B, 703.18C	204	100	CY	\$52.00	\$5,200.00
12	Proof Rolling	204	2	HR	\$150.00	\$300.00
13	Geotextile Fabric, 712.09, Type D Non-Woven	204	255	SY	\$1.85	\$471.75
14	4" Concrete Walk, As Per Plan	608	2,214	SF	\$4.45	\$9,852.30
15	Curb Ramp	608	610	SF	\$12.00	\$7,320.00
16	Monument Assembly	623	2	EA	\$985.00	\$1,970.00
17	Monument Box Adjusted to Grade	623	2	EA	\$145.00	\$290.00
18	Geogrid for Subgrade Stabilization, As Per Plan	861	255	SY	\$10.50	\$2,677.50
19	Soil Analysis Test	659	2	EA	\$100.00	\$200.00
20	Topsoil, As Per Plan	659	57	CY	\$50.00	\$2,850.00
21	Seeding and Mulching, As Per Plan	SPECIAL	511	SY	\$1.50	\$766.50
22	Commercial Fertilizer	659	0.12	TON	\$1,000.00	\$120.00
23	Water	659	3	M GAL	\$50.00	\$150.00
24	Work Involved Non-Regulated Materials	690	50	CY	\$80.00	\$4,000.00
25	Work Involving Hazardous Waste	690	50	CY	\$250.00	\$12,500.00
26	Work Involving Petroleum Contaminated Soil	690	50	CY	\$80.00	\$4,000.00
27	Work Involving Non-Regulated Water	690	100	GAL	\$9.50	\$950.00
28	Work Involving Regulated Water	690	100	GAL	\$9.50	\$950.00
29	Concrete Masonry	602	0.30	CY	\$2,650.00	\$795.00
30	6" Shallow Pipe Underdrains with Fabric Wrap, As Per Plan	605	236	FT	\$19.00	\$4,484.00
31	6" Unclassified Pipe Underdrains	605	50	FT	\$20.00	\$1,000.00
32	6" Conduit, Type F for Underdrain Outlets	605	40	FT	\$35.00	\$1,400.00
33	6" Conduit, Type C	605	47	FT	\$57.00	\$2,679.00
34	6" Conduit, Type F	605	50	FT	\$39.00	\$1,950.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
35	12" Conduit, Type B, As Per Plan	611	84	FT	\$127.00	\$10,668.00
36	Catch Basin, No. 3, Pas Per Plan	611	2	EA	\$3,520.00	\$7,040.00
37	Catch Basin Adjusted to Grade	611	9	EA	\$875.00	\$7,875.00
38	Manhole, No. 3	611	1	EA	\$3,500.00	\$3,500.00
39	Manhole Adjusted to Grade	611	15	EA	\$220.00	\$3,300.00
40	Miscellaneous Metal	611	4,000	LB	\$1.50	\$6,000.00
41	Pavement Planing, Asphalt Concrete, As Per Plan	254	13,210	SY	\$2.75	\$36,327.50
42	Asphalt Concrete Base, PG64-22	301	73	CY	\$190.00	\$13,870.00
43	Aggregate Base, As Per Plan	304	40	CY	\$93.00	\$3,720.00
44	Non-Tracking Tack Coat	407	1,948	GAL	\$2.75	\$5,357.00
45	Asphalt Concrete Surface Course, Type 1, (448), PG70-22M, As Per Plan	441	467	CY	\$175.00	\$81,725.00
46	Asphalt Concrete Intermediate Course, Type 2, (448)	441	654	CY	\$117.00	\$76,518.00
47	Curb, Type 6	609	236	FT	\$22.00	\$5,192.00
48	Valve Box Adjusted to Grade	638	10	EA	\$430.00	\$4,300.00
49	Manhole Adjusted to Grade, As Per Plan	611	8	EA	\$920.00	\$7,360.00
50	Ground Mounted Support, No. 3 Post	630	120	FT	\$7.55	\$906.00
51	Sign Hanger Assembly, Mast Arm, As Per Plan	630	22	EA	\$395.75	\$8,706.50
52	Sign Hanger Assembly, Pole Mounted	630	4	EA	\$46.40	\$185.60
53	Sign, Flat Sheet	630	243	SF	\$14.55	\$3,535.65
54	Removal of Ground Mounted Sign and Disposal	630	10	EA	\$21.80	\$218.00
55	Removal of Ground Mounted Post Support and Disposal	630	8	EA	\$27.25	\$218.00
56	Removal of Overhead Mounted Sign and Disposal	630	23	EA	\$105.00	\$2,415.00
57	Removal of Pole Mounted Sign and Disposal	630	3	EA	\$40.00	\$120.00
58	Lane Line, 4"	646	0.76	MI	\$2,100.00	\$1,596.00
59	Center Line	646	0.50	MI	\$8,500.00	\$4,250.00
60	Channelizing Line, 8"	646	2,819	FT	\$1.95	\$5,497.05
61	Stop Line	646	196	FT	\$11.00	\$2,156.00
62	Crosswalk Line	646	781	FT	\$4.50	\$3,514.50
63	Transverse/Diagonal Line	646	256	FT	\$8.00	\$2,048.00
64	Lane Arrow	646	32	EA	\$155.00	\$4,960.00
65	Dotted Line, 8"	646	183	FT	\$4.00	\$732.00
66	Removal of Pavement Marking, As Per Plan	646	132	FT	\$25.00	\$3,300.00
67	Conduit, 4", Type E	611	100	FT	\$3.12	\$312.00
68	Bracket Arm, 6'	625	1	EA	\$559.10	\$559.10
69	Bracket Arm, 8'	625	3	EA	\$566.00	\$1,698.00
70	No. 6 AWG 2400 Volt Distribution Cable	625	900	FT	\$2.83	\$2,547.00
71	No. 10 AWG Pole and Bracket Cable	625	200	FT	\$1.61	\$322.00
72	Conduit, 2", 725.051	625	285	FT	\$9.55	\$2,721.75

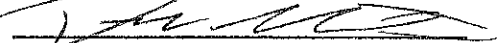
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
73	Conduit, 3", 725.051	625	60	FT	\$14.79	\$887.40
74	Conduit, 4", 725.051	625	100	FT	\$12.67	\$1,267.00
75	Conduit, Jacked or Drilled, 725.04, 3"	625	190	FT	\$45.20	\$8,588.00
76	Conduit Cleaned and Cables Removed	625	200	FT	\$3.65	\$730.00
77	Luminaire Conventional, As Per Plan	625	4	EA	\$1,013.25	\$4,053.00
78	Trench	625	230	FT	\$7.94	\$1,826.20
79	Trench in Paved Area, Type A	625	175	FT	\$20.65	\$3,613.75
80	Pull Box, 725.08, 18", As Per Plan	625	4	EA	\$822.50	\$3,290.00
81	Pull Box, 725.08, 24", As Per Plan	625	1	EA	\$1,021.50	\$1,021.50
82	Ground Rod	625	9	EA	\$109.00	\$981.00
83	Plastic Caution Tape	625	405	FT	\$0.28	\$113.40
84	Pull Box Cleaned	625	3	EA	\$191.00	\$573.00
85	Vehicular Signal Head, (LED), Black, Polycarbonate, 3-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	10	EA	\$764.95	\$7,649.50
86	Vehicular Signal Head, (LED), Black, Polycarbonate, 5-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	4	EA	\$1,257.20	\$5,028.80
87	Pedestrian Signal Head, (LED), Black, Polycarbonate, (Countdown), Type D2, As Per Plan	632	8	EA	\$449.75	\$3,598.00
88	Covering of Vehicular Signal Head	632	14	EA	\$19.90	\$278.60
89	Covering of Pedestrian Signal Head	632	8	EA	\$19.90	\$159.20
90	Pedestrian Pushbutton, As Per Plan	632	8	EA	\$306.00	\$2,448.00
91	Signal Cable, 5 Conductor, No. 14 AWG	632	1,000	FT	\$3.52	\$3,520.00
92	Signal Cable, 7 Conductor, No. 14 AWG	632	3,600	FT	\$3.33	\$11,988.00
93	Interconnect, As Per Plan	632	1	EA	\$2,569.50	\$2,569.50
94	Signal Support Foundation, As Per Plan	632	4	EA	\$3,122.00	\$12,488.00
95	Pedestal Foundation	632	4	EA	\$594.75	\$2,379.00
96	Power Cable, 2 Conductor, No. 6 AWG	632	10	FT	\$9.55	\$95.50
97	Service Cable, 3 Conductor, No. 6 AWG	632	300	FT	\$3.23	\$969.00
98	Power Service, As Per Plan	632	1	EA	\$2,388.00	\$2,388.00
99	Signal Support, Mechanical Damper for TC-81.21 Mast Arm, As Per Plan	632	1	EA	\$858.00	\$858.00
100	Combination Signal Support, Type TC-81.21, Design 13	632	3	EA	\$10,024.00	\$30,072.00
101	Combination Signal Support, Type TC-81.21, Design 14	632	1	EA	\$10,937.00	\$10,937.00
102	Pedestal, 8', Transformer Base, As Per Plan	632	4	EA	\$702.00	\$2,808.00
103	Removal of Traffic Signal Installation	632	1	EA	\$4,128.00	\$4,128.00
104	Signalization, Misc: Foundation Test Hole	632	4	EA	\$228.00	\$912.00
105	Controller Unit, Type TS2/A2, With Cabinet, Type TS1, As Per Plan	633	1	EA	\$13,260.00	\$13,260.00
106	Cabinet Foundation	633	1	EA	\$1,350.00	\$1,350.00
107	Preemption, As Per Plan	633	1	EA	\$743.00	\$743.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
108	Preemption Receiving Unit, As Per Plan	633	4	EA	\$714.25	\$2,857.00
109	Preemption Detector Cable, As Per Plan	633	1,200	EA	\$2.03	\$2,436.00
110	Preemption Phase Selector, As Per Plan	633	2	EA	\$1,882.00	\$3,764.00
111	Preemption Confirmation Light, As Per Plan	633	4	LF	\$386.50	\$1,546.00
112	Uninterruptible Power Supply (UPS), As Per Plan	633	1	EA	\$4,522.00	\$4,522.00
113	Video Detection System, As Per Plan	816	1	EA	\$17,683.00	\$17,683.00
114	Law Enforcement Officer with Patrol Car for Assistance	614	100	HR	\$60.00	\$6,000.00
115	Special - Work Zone Traffic Signal, As Per Plan	614	1	EA	\$9,905.00	\$9,905.00
116	Detour Signing, As Per Plan	614	1	LS	\$6,750.00	\$6,750.00
117	Maintaining Traffic, Misc.: Local Business Signing	614	6	EA	\$400.00	\$2,400.00
118	Portable Changeable Message Sign, As Per Plan	614	2	EA	\$4,500.00	\$9,000.00
119	Work Zone Lane Line, Class 1, 642, Paint	614	0.03	MI	\$15,000.00	\$450.00
120	Water	616	1	M GAL	\$20.00	\$20.00
121	Premium for Contract Performance Bond, Payment Bond, and Maintenance Bond	SPECIAL	1	LS	\$6,000.00	\$6,000.00
122	Maintaining Traffic	614	1	LS	\$48,500.00	\$48,500.00
123	Construction Layout Stakes and Surveying, As Per Plan	623	1	LS	\$7,815.00	\$7,815.00
124	Mobilization, As Per Plan	624	1	LS	\$16,000.00	\$16,000.00
125	Misc.: Test Excavation (For Utility Locations)	SPECIAL	2	EA	\$580.00	\$1,160.00
126	Misc.: Pre-Construction Video	SPECIAL	1	LS	\$718.00	\$718.00
127	Misc.: Post-Construction Video	SPECIAL	1	LS	\$718.00	\$718.00
TOTAL BASE BID						\$718,108.55

TOTAL BID \$718,108.55 ✓

Seven Hundred Eighteen Thousand
One Hundred Eight Dollars and Fifty Five Cents

COMPANY NAME KARVO COMPANIES INC

SIGNATURE 

TITLE VICE PRESIDENT

DONALD WORTKOETTER

ALTERNATE BID ITEMS						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
128	Preemption, As Per Plan, Alternate #1	633	1	EA	\$991.20	\$991.20 ✓
129	Preemption Receiving Unit, As Per Plan, Alternate #1	633	4	EA	\$869.40	\$3,477.60 ✓
130	Preemption Phase Selector, As Per Plan, Alternate #1	633	2	EA	\$2,106.30	\$4,212.60 ✓

SUM-91-9.59 (PID 102183)

*Liberta
Construction*

BID PROPOSAL FORM

BASE BID						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
1	Walk Removed	202	2,738	SF	\$1.00	\$2,738.00
2	Traffic Island Removed	202	152	SY	\$9.00	\$1,368.00
3	Curb Removed	202	214	FT	\$3.00	\$642.00
4	Pipe Removed, 24" and Under	202	93	FT	\$13.00	\$1,209.00
5	Manhole Removed	202	1	EA	\$700.00	\$700.00
6	Catch Basin or Inlet Removed	202	2	EA	\$250.00	\$500.00
7	Excavation	203	192	CY	\$38.00	\$7,296.00
8	Embankment	203	141	CY	\$20.00	\$2,820.00
9	Subgrade Compaction	204	239	SY	\$1.00	\$239.00
10	Excavation of Subgrade	204	100	CY	\$38.00	\$3,800.00
11	Granular Material, Type B, 703.16C	204	100	CY	\$63.00	\$6,300.00
12	Proof Rolling	204	2	HR	\$100.00	\$200.00
13	Geotextile Fabric, 712.09, Type D Non-Woven	204	255	SY	\$2.00	\$510.00
14	4" Concrete Walk, As Per Plan	608	2,214	SF	\$5.50	\$12,177.00
15	Curb Ramp	608	610	SF	\$7.00	\$4,270.00
16	Monument Assembly	623	2	EA	\$550.00	\$1,100.00
17	Monument Box Adjusted to Grade	623	2	EA	\$250.00	\$500.00
18	Geogrid for Subgrade Stabilization, As Per Plan	861	255	SY	\$6.50	\$1,657.50
19	Soil Analysis Test	659	2	EA	\$158.00	\$316.00
20	Topsoil, As Per Plan	659	57	CY	\$65.00	\$3,705.00
21	Seeding and Mulching, As Per Plan	SPECIAL	511	SY	\$2.70	\$1,379.70
22	Commercial Fertilizer	659	0.12	TON	\$1,890.00	\$226.80
23	Water	659	3	M GAL	\$105.00	\$315.00
24	Work Involved Non-Regulated Materials	690	50	CY	\$67.00	\$3,350.00
25	Work Involving Hazardous Waste	690	50	CY	\$638.00	\$31,900.00
26	Work Involving Petroleum Contaminated Soil	690	50	CY	\$191.00	\$9,550.00
27	Work Involving Non-Regulated Water	690	100	GAL	\$22.00	\$2,200.00
28	Work Involving Regulated Water	690	100	GAL	\$28.00	\$2,800.00
29	Concrete Masonry	602	0.30	CY	\$500.00	\$150.00
30	6" Shallow Pipe Underdrains with Fabric Wrap, As Per Plan	605	236	FT	\$13.00	\$3,068.00
31	6" Unclassified Pipe Underdrains	605	50	FT	\$13.00	\$650.00
32	6" Conduit, Type F for Underdrain Outlets	605	40	FT	\$13.00	\$520.00
33	6" Conduit, Type C	605	47	FT	\$7.00	\$329.00
34	6" Conduit, Type F	605	50	FT	\$7.00	\$350.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
35	12" Conduit, Type B, As Per Plan	611	84	FT	\$90.00	\$7,560.00
36	Catch Basin, No. 3, Pas Per Plan	611	2	EA	\$2,300.00	\$4,600.00
37	Catch Basin Adjusted to Grade	611	9	EA	\$450.00	\$4,050.00
38	Manhole, No. 3	611	1	EA	\$2,500.00	\$2,500.00
39	Manhole Adjusted to Grade	611	15	EA	\$550.00	\$8,250.00
40	Miscellaneous Metal	611	4,000	LB	\$2.00	\$8,000.00
41	Pavement Planing, Asphalt Concrete, As Per Plan	254	13,210	SY	\$2.80	\$36,988.00
42	Asphalt Concrete Base, PG64-22	301	73	CY	\$231.00	\$16,863.00
43	Aggregate Base, As Per Plan	304	40	CY	\$58.00	\$2,320.00
44	Non-Tracking Tack Coat	407	1,948	GAL	\$4.20	\$8,181.60
45	Asphalt Concrete Surface Course, Type 1, (448), PG70-22M, As Per Plan	441	467	CY	\$168.00	\$78,456.00
46	Asphalt Concrete Intermediate Course, Type 2, (448)	441	654	CY	\$136.50	\$89,271.00
47	Curb, Type 6	609	236	FT	\$33.00	\$7,788.00
48	Valve Box Adjusted to Grade	638	10	EA	\$75.00	\$750.00
49	Manhole Adjusted to Grade, As Per Plan	611	8	EA	\$800.00	\$6,400.00
50	Ground Mounted Support, No. 3 Post	630	120	FT	\$8.00	\$960.00
51	Sign Hanger Assembly, Mast Arm, As Per Plan	630	22	EA	\$415.50	\$9,141.00
52	Sign Hanger Assembly, Pole Mounted	630	4	EA	\$48.50	\$194.00
53	Sign, Flat Sheet	630	243	SF	\$15.25	\$3,705.75
54	Removal of Ground Mounted Sign and Disposal	630	10	EA	\$22.90	\$229.00
55	Removal of Ground Mounted Post Support and Disposal	630	8	EA	\$28.50	\$228.00
56	Removal of Overhead Mounted Sign and Disposal	630	23	EA	\$110.00	\$2,530.00
57	Removal of Pole Mounted Sign and Disposal	630	3	EA	\$42.00	\$126.00
58	Lane Line, 4"	646	0.76	MI	\$4,148.00	\$3,152.48
59	Center Line	646	0.50	MI	\$8,820.00	\$4,410.00
60	Channelizing Line, 8"	646	2,819	FT	\$2.00	\$5,638.00
61	Stop Line	646	196	FT	\$14.00	\$2,744.00
62	Crosswalk Line	646	781	FT	\$6.75	\$5,271.75
63	Transverse/Diagonal Line	646	256	FT	\$10.50	\$2,688.00
64	Lane Arrow	646	32	EA	\$176.50	\$5,648.00
65	Dotted Line, 8"	646	183	FT	\$3.70	\$677.10
66	Removal of Pavement Marking, As Per Plan	646	132	FT	\$39.00	\$5,148.00
67	Conduit, 4", Type E	611	100	FT	\$3.30	\$330.00
68	Bracket Arm, 6'	625	1	EA	\$587.00	\$587.00
69	Bracket Arm, 8'	625	3	EA	\$594.00	\$1,782.00
70	No. 6 AWG 2400 Volt Distribution Cable	625	900	FT	\$3.00	\$2,700.00
71	No. 10 AWG Pole and Bracket Cable	625	200	FT	\$1.70	\$340.00
72	Conduit, 2", 725.051	625	285	FT	\$10.00	\$2,850.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
73	Conduit, 3", 725.051	625	60	FT	\$15.50	\$930.00
74	Conduit, 4", 725.051	625	100	FT	\$13.00	\$1,300.00
75	Conduit, Jacked or Drilled, 725.04, 3"	625	190	FT	\$47.50	\$9,025.00
76	Conduit Cleaned and Cables Removed	625	200	FT	\$3.80	\$760.00
77	Luminaire Conventional, As Per Plan	625	4	EA	\$1,064.00	\$4,256.00
78	Trench	625	230	FT	\$8.30	\$1,909.00
79	Trench in Paved Area, Type A	625	175	FT	\$21.50	\$3,762.50
80	Pull Box, 725.08, 18", As Per Plan	625	4	EA	\$863.50	\$3,454.00
81	Pull Box, 725.08, 24", As Per Plan	625	1	EA	\$1,072.50	\$1,072.50
82	Ground Rod	625	9	EA	\$115.00	\$1,035.00
83	Plastic Caution Tape	625	405	FT	\$0.30	\$121.50
84	Pull Box Cleaned	625	3	EA	\$200.50	\$601.50
85	Vehicular Signal Head, (LED), Black, Polycarbonate, 3-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	10	EA	\$803.00	\$8,030.00
86	Vehicular Signal Head, (LED), Black, Polycarbonate, 5-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	4	EA	\$1,320.00	\$5,280.00
87	Pedestrian Signal Head, (LED), Black, Polycarbonate, (Countdown), Type D2, As Per Plan	632	8	EA	\$472.25	\$3,778.00
88	Covering of Vehicular Signal Head	632	14	EA	\$21.00	\$294.00
89	Covering of Pedestrian Signal Head	632	8	EA	\$21.00	\$168.00
90	Pedestrian Pushbutton, As Per Plan	632	8	EA	\$321.00	\$2,568.00
91	Signal Cable, 5 Conductor, No. 14 AWG	632	1,000	FT	\$3.70	\$3,700.00
92	Signal Cable, 7 Conductor, No. 14 AWG	632	3,600	FT	\$3.50	\$12,600.00
93	Interconnect, As Per Plan	632	1	EA	\$2,698.00	\$2,698.00
94	Signal Support Foundation, As Per Plan	632	4	EA	\$3,278.00	\$13,112.00
95	Pedestal Foundation	632	4	EA	\$624.50	\$2,498.00
96	Power Cable, 2 Conductor, No. 6 AWG	632	10	FT	\$10.00	\$100.00
97	Service Cable, 3 Conductor, No. 6 AWG	632	300	FT	\$3.50	\$1,050.00
98	Power Service, As Per Plan	632	1	EA	\$2,507.00	\$2,507.00
99	Signal Support, Mechanical Damper for TC-81.21 Mast Arm, As Per Plan	632	1	EA	\$901.00	\$901.00
100	Combination Signal Support, Type TC-81.21, Design 13	632	3	EA	\$10,525.00	\$31,575.00
101	Combination Signal Support, Type TC-81.21, Design 14	632	1	EA	\$11,484.00	\$11,484.00
102	Pedestal, 8', Transformer Base, As Per Plan	632	4	EA	\$737.00	\$2,948.00
103	Removal of Traffic Signal Installation	632	1	EA	\$4,334.00	\$4,334.00
104	Signalization, Misc: Foundation Test Hole	632	4	EA	\$239.00	\$956.00
105	Controller Unit, Type TS2/A2, With Cabinet, Type TS1, As Per Plan	633	1	EA	\$13,923.00	\$13,923.00
106	Cabinet Foundation	633	1	EA	\$1,417.50	\$1,417.50
107	Preemption, As Per Plan	633	1	EA	\$780.00	\$780.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
108	Preemption Receiving Unit, As Per Plan	633	4	EA	\$750.00	\$3,000.00
109	Preemption Detector Cable, As Per Plan	633	1,200	EA	\$2.10	\$2,520.00
110	Preemption Phase Selector, As Per Plan	633	2	EA	\$1,976.00	\$3,952.00
111	Preemption Confirmation Light, As Per Plan	633	4	LF	\$406.00	\$1,624.00
112	Uninterruptible Power Supply (UPS), As Per Plan	633	1	EA	\$4,748.00	\$4,748.00
113	Video Detection System, As Per Plan	816	1	EA	\$18,567.00	\$18,567.00
114	Law Enforcement Officer with Patrol Car for Assistance	614	100	HR	\$48.00	\$4,800.00
115	Special - Work Zone Traffic Signal, As Per Plan	614	1	EA	\$10,400.00	\$10,400.00
116	Detour Signing, As Per Plan	614	1	LS	\$3,045.00	\$3,045.00
117	Maintaining Traffic, Misc.: Local Business Signing	614	6	EA	\$288.00	\$1,728.00
118	Portable Changeable Message Sign, As Per Plan	614	2	EA	\$2,992.00	\$5,984.00
119	Work Zone Lane Line, Class 1, 642, Paint	614	0.03	MI	\$28,035.00	\$841.05
120	Water	616	1	M GAL	\$105.00	\$105.00
121	Premium for Contract Performance Bond, Payment Bond, and Maintenance Bond	SPECIAL	1	LS	\$8,000.00	\$8,000.00
122	Maintaining Traffic	614	1	LS	\$41,746.00	\$41,746.00
123	Construction Layout Stakes and Surveying, As Per Plan	623	1	LS	\$10,370.00	\$10,370.00
124	Mobilization, As Per Plan	624	1	LS	\$10,625.00	\$10,625.00
125	Misc.: Test Excavation (For Utility Locations)	SPECIAL	2	EA	\$3,000.00	\$6,000.00
126	Misc.: Pre-Construction Video	SPECIAL	1	LS	\$754.00	\$754.00
127	Misc.: Post-Construction Video	SPECIAL	1	LS	\$754.00	\$754.00
TOTAL BASE BID						\$746,385.23 ✓

TOTAL BID _____

COMPANY NAME _____

LIBERTA CONSTRUCTION

SIGNATURE _____

TITLE _____

[Signature]
PRESIDENT

ALTERNATE BID ITEMS						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
128	Preemption, As Per Plan, Alternate #1	633	1	EA	\$991.00	\$991.00 ✓
129	Preemption Receiving Unit, As Per Plan, Alternate #1	633	4	EA	\$869.00	\$3,476.00 ✓
130	Preemption Phase Selector, As Per Plan, Alternate #1	633	2	EA	\$2,106.00	\$4,212.00 ✓

Shelly & Sands

SUM-91-9.59 (PID 102183)

BID PROPOSAL FORM

BASE BID						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
1	Walk Removed	202	2,738	SF	\$1.50	\$4,107.00
2	Traffic Island Removed	202	152	SY	\$20.00	\$3,040.00
3	Curb Removed	202	214	FT	\$8.00	\$1,712.00
4	Pipe Removed, 24" and Under	202	93	FT	\$25.00	\$2,325.00
5	Manhole Removed	202	1	EA	\$1,000.00	\$1,000.00
6	Catch Basin or Inlet Removed	202	2	EA	\$600.00	\$1,200.00
7	Excavation	203	192	CY	\$28.00	\$5,376.00
8	Embankment	203	141	CY	\$23.00	\$3,243.00
9	Subgrade Compaction	204	239	SY	\$2.00	\$478.00
10	Excavation of Subgrade	204	100	CY	\$35.00	\$3,500.00
11	Granular Material, Type B, 703.16C	204	100	CY	\$65.00	\$6,500.00
12	Proof Rolling	204	2	HR	\$300.00	\$600.00
13	Geotextile Fabric, 712.09, Type D Non-Woven	204	255	SY	\$2.00	\$510.00
14	4" Concrete Walk, As Per Plan	608	2,214	SF	\$8.00	\$17,712.00
15	Curb Ramp	608	610	SF	\$24.00	\$14,640.00
16	Monument Assembly	623	2	EA	\$1,000.00	\$2,000.00
17	Monument Box Adjusted to Grade	623	2	EA	\$600.00	\$1,200.00
18	Geogrid for Subgrade Stabilization, As Per Plan	861	255	SY	\$5.00	\$1,275.00
19	Soil Analysis Test	659	2	EA	\$150.00	\$300.00
20	Topsoll, As Per Plan	659	57	CY	\$80.00	\$4,560.00
21	Seeding and Mulching, As Per Plan	SPECIAL	511	SY	\$3.50	\$1,788.50
22	Commercial Fertilizer	659	0.12	TON	\$650.00	\$78.00
23	Water	659	3	M GAL	\$1.00	\$3.00
24	Work Involved Non-Regulated Materials	690	50	CY	\$38.00	\$1,900.00
25	Work Involving Hazardous Waste	690	50	CY	\$145.00	\$7,250.00
26	Work Involving Petroleum Contaminated Soil	690	50	CY	\$165.00	\$8,250.00
27	Work Involving Non-Regulated Water	690	100	GAL	\$5.00	\$500.00
28	Work Involving Regulated Water	690	100	GAL	\$3.50	\$350.00
29	Concrete Masonry	602	0.30	CY	\$1,500.00	\$450.00
30	6" Shallow Pipe Underdrains with Fabric Wrap, As Per Plan	605	236	FT	\$18.00	\$4,248.00
31	6" Unclassified Pipe Underdrains	605	50	FT	\$15.00	\$750.00
32	6" Conduit, Type F for Underdrain Outlets	605	40	FT	\$20.00	\$800.00
33	6" Conduit, Type C	605	47	FT	\$40.00	\$1,880.00
34	6" Conduit, Type F	605	50	FT	\$22.00	\$1,100.00

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ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
35	12" Conduit, Type B, As Per Plan	611	84	FT	\$90.00	\$7,560.00
36	Catch Basin, No. 3, Pas Per Plan	611	2	EA	\$4,000.00	\$8,000.00
37	Catch Basin Adjusted to Grade	611	9	EA	\$1,100.00	\$9,900.00
38	Manhole, No. 3	611	1	EA	\$3,500.00	\$3,500.00
39	Manhole Adjusted to Grade	611	15	EA	\$1,100.00	\$16,500.00
40	Miscellaneous Metal	611	4,000	LB	\$1.00	\$4,000.00
41	Pavement Planing, Asphalt Concrete, As Per Plan	254	13,210	SY	\$3.00	\$39,630.00
42	Asphalt Concrete Base, PG64-22	301	73	CY	\$200.00	\$14,600.00
43	Aggregate Base, As Per Plan	304	40	CY	\$85.00	\$3,400.00
44	Non-Tracking Tack Coat	407	1,948	GAL	\$2.80	\$5,454.40
45	Asphalt Concrete Surface Course, Type 1, (448), PG70-22M, As Per Plan	441	467	CY	\$165.00	\$77,055.00
46	Asphalt Concrete Intermediate Course, Type 2, (448)	441	654	CY	\$100.00	\$65,400.00
47	Curb, Type 6	609	236	FT	\$40.00	\$9,440.00
48	Valve Box Adjusted to Grade	638	10	EA	\$180.00	\$1,800.00
49	Manhole Adjusted to Grade, As Per Plan	611	8	EA	\$1,400.00	\$11,200.00
50	Ground Mounted Support, No. 3 Post	630	120	FT	\$11.00	\$1,320.00
51	Sign Hanger Assembly, Mast Arm, As Per Plan	630	22	EA	\$405.00	\$8,910.00
52	Sign Hanger Assembly, Pole Mounted	630	4	EA	\$153.00	\$612.00
53	Sign, Flat Sheet	630	243	SF	\$21.00	\$5,103.00
54	Removal of Ground Mounted Sign and Disposal	630	10	EA	\$11.00	\$110.00
55	Removal of Ground Mounted Post Support and Disposal	630	8	EA	\$21.00	\$168.00
56	Removal of Overhead Mounted Sign and Disposal	630	23	EA	\$80.00	\$1,840.00
57	Removal of Pole Mounted Sign and Disposal	630	3	EA	\$48.00	\$144.00
58	Lane Line, 4"	646	0.76	MI	\$7,900.00	\$6,004.00
59	Center Line	646	0.50	MI	\$10,300.00	\$5,150.00
60	Channelizing Line, 8"	646	2,819	FT	\$1.80	\$5,074.20
61	Stop Line	646	196	FT	\$10.00	\$1,960.00
62	Crosswalk Line	646	781	FT	\$6.00	\$4,686.00
63	Transverse/Diagonal Line	646	256	FT	\$8.00	\$2,048.00
64	Lane Arrow	646	32	EA	\$200.00	\$6,400.00
65	Dotted Line, 8"	646	183	FT	\$1.80	\$329.40
66	Removal of Pavement Marking, As Per Plan	646	132	FT	\$15.00	\$1,980.00
67	Conduit, 4", Type E	611	100	FT	\$5.00	\$500.00
68	Bracket Arm, 6'	625	1	EA	\$420.00	\$420.00
69	Bracket Arm, 8'	625	3	EA	\$630.00	\$1,890.00
70	No. 6 AWG 2400 Volt Distribution Cable	625	900	FT	\$2.00	\$1,800.00
71	No. 10 AWG Pole and Bracket Cable	625	200	FT	\$1.00	\$200.00
72	Conduit, 2", 725.051	625	285	FT	\$3.00	\$855.00
73	Conduit, 3", 725.051	625	60	FT	\$4.00	\$240.00
74	Conduit, 4", 725.051	625	100	FT	\$6.00	\$600.00

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Sands

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
75	Conduit, Jacked or Drilled, 725.04, 3"	625	190	FT	\$37.00	\$7,030.00
76	Conduit Cleaned and Cables Removed	625	200	FT	\$1.00	\$200.00
77	Luminaire Conventional, As Per Plan	625	4	EA	\$1,200.00	\$4,800.00
78	Trench	625	230	FT	\$6.00	\$1,380.00
79	Trench in Paved Area, Type A	625	175	FT	\$42.00	\$7,350.00
80	Pull Box, 725.08, 18", As Per Plan	625	4	EA	\$790.00	\$3,160.00
81	Pull Box, 725.08, 24", As Per Plan	625	1	EA	\$890.00	\$890.00
82	Ground Rod	625	9	EA	\$184.00	\$1,656.00
83	Plastic Caution Tape	625	405	FT	\$0.30	\$121.50
84	Pull Box Cleaned	625	3	EA	\$200.00	\$600.00
85	Vehicular Signal Head, (LED), Black, Polycarbonate, 3-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	10	EA	\$790.00	\$7,900.00
86	Vehicular Signal Head, (LED), Black, Polycarbonate, 5-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	4	EA	\$1,270.00	\$5,080.00
87	Pedestrian Signal Head, (LED), Black, Polycarbonate, (Countdown), Type D2, As Per Plan	632	8	EA	\$690.00	\$5,520.00
88	Covering of Vehicular Signal Head	632	14	EA	\$26.00	\$364.00
89	Covering of Pedestrian Signal Head	632	8	EA	\$26.00	\$208.00
90	Pedestrian Pushbutton, As Per Plan	632	8	EA	\$370.00	\$2,960.00
91	Signal Cable, 5 Conductor, No. 14 AWG	632	1,000	FT	\$2.60	\$2,600.00
92	Signal Cable, 7 Conductor, No. 14 AWG	632	3,600	FT	\$3.00	\$10,800.00
93	Interconnect, As Per Plan	632	1	EA	\$2,600.00	\$2,600.00
94	Signal Support Foundation, As Per Plan	632	4	EA	\$3,700.00	\$14,800.00
95	Pedestal Foundation	632	4	EA	\$1,050.00	\$4,200.00
96	Power Cable, 2 Conductor, No. 6 AWG	632	10	FT	\$5.00	\$50.00
97	Service Cable, 3 Conductor, No. 6 AWG	632	300	FT	\$6.00	\$1,800.00
98	Power Service, As Per Plan	632	1	EA	\$2,100.00	\$2,100.00
99	Signal Support, Mechanical Damper for TC-81.21 Mast Arm, As Per Plan	632	1	EA	\$790.00	\$790.00
100	Combination Signal Support, Type TC-81.21, Design 13	632	3	EA	\$9,000.00	\$27,000.00
101	Combination Signal Support, Type TC-81.21, Design 14	632	1	EA	\$10,000.00	\$10,000.00
102	Pedestal, 8', Transformer Base, As Per Plan	632	4	EA	\$690.00	\$2,760.00
103	Removal of Traffic Signal Installation	632	1	EA	\$2,100.00	\$2,100.00
104	Signalization, Misc: Foundation Test Hole	632	4	EA	\$525.00	\$2,100.00
105	Controller Unit, Type TS2/A2, With Cabinet, Type TS1, As Per Plan	633	1	EA	\$14,000.00	\$14,000.00
106	Cabinet Foundation	633	1	EA	\$1,600.00	\$1,600.00
107	Preemption, As Per Plan	633	1	EA	\$1,600.00	\$1,600.00
108	Preemption Receiving Unit, As Per Plan	633	4	EA	\$950.00	\$3,800.00
109	Preemption Detector Cable, As Per Plan	633	1,200	EA	\$2.60	\$3,120.00
110	Preemption Phase Selector, As Per Plan	633	2	EA	\$2,100.00	\$4,200.00
111	Preemption Confirmation Light, As Per Plan	633	4	LF	\$370.00	\$1,480.00

REVISED

Shelly + Sands

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
112	Uninterruptible Power Supply (UPS), As Per Plan	633	1	EA	\$4,750.00	\$4,750.00
113	Video Detection System, As Per Plan	816	1	EA	\$21,000.00	\$21,000.00
114	Law Enforcement Officer with Patrol Car for Assistance	614	100	HR	\$60.00	\$6,000.00
115	Special - Work Zone Traffic Signal, As Per Plan	614	1	EA	\$16,000.00	\$16,000.00
116	Detour Signing, As Per Plan	614	1	LS	\$2,900.00	\$2,900.00
117	Maintaining Traffic, Misc.: Local Business Signing	614	6	EA	\$130.00	\$780.00
118	Portable Changeable Message Sign, As Per Plan	614	2	EA	\$6,000.00	\$12,000.00
119	Work Zone Lane Line, Class 1, 642, Paint	614	0.03	MI	\$68,000.00	\$2,040.00
120	Water	616	1	M GAL	\$950.00	\$950.00
121	Premium for Contract Performance Bond, Payment Bond, and Maintenance Bond	SPECIAL	1	LS	\$5,000.00	\$5,000.00
122	Maintaining Traffic	614	1	LS	\$25,000.00	\$25,000.00
123	Construction Layout Stakes and Surveying, As Per Plan	623	1	LS	\$12,000.00	\$12,000.00
124	Mobilization, As Per Plan	624	1	LS	\$20,000.00	\$20,000.00
125	Misc.: Test Excavation (For Utility Locations)	SPECIAL	2	EA	\$1,300.00	\$2,600.00
126	Misc.: Pre-Construction Video	SPECIAL	1	LS	\$1,000.00	\$1,000.00
127	Misc.: Post-Construction Video	SPECIAL	1	LS	\$1,000.00	\$1,000.00
TOTAL BASE BID						\$736,148.00

TOTAL BID Base : 736,148.00
ALT : 13,000.00
Base + ALT : 749,148.00

COMPANY NAME Shelly & Sands Inc
SIGNATURE Matt Rymantschuk
TITLE Assistant V. P.

ALTERNATE BID ITEMS						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
128	Preemption, As Per Plan, Alternate #1	633	1	EA	\$2,000.00	\$2,000.00
129	Preemption Receiving Unit, As Per Plan, Alternate #1	633	4	EA	\$1,500.00	\$6,000.00
130	Preemption Phase Selector, As Per Plan, Alternate #1	633	2	EA	\$2,500.00	\$5,000.00

ENGINEER'S
Estimate

SUM-91-9.59 (PID 102183)

BID PROPOSAL FORM

BASE BID						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
1	Walk Removed	202	2,738	SF	\$3.00	\$8,214.00
2	Traffic Island Removed	202	152	SY	\$11.00	\$1,672.00
3	Curb Removed	202	214	FT	\$11.50	\$2,461.00
4	Pipe Removed, 24" and Under	202	93	FT	\$16.85	\$1,567.05
5	Manhole Removed	202	1	EA	\$500.00	\$500.00
6	Catch Basin or Inlet Removed	202	2	EA	\$350.00	\$700.00
7	Excavation	203	192	CY	\$20.00	\$3,840.00
8	Embankment	203	141	CY	\$25.00	\$3,525.00
9	Subgrade Compaction	204	239	SY	\$3.00	\$717.00
10	Excavation of Subgrade	204	100	CY	\$25.00	\$2,500.00
11	Granular Material, Type B, 703.16C	204	100	CY	\$40.00	\$4,000.00
12	Proof Rolling	204	2	HR	\$200.00	\$400.00
13	Geotextile Fabric, 712.09, Type D Non-Woven	204	255	SY	\$1.75	\$446.25
14	4" Concrete Walk, As Per Plan	608	2,214	SF	\$6.00	\$13,284.00
15	Curb Ramp	608	610	SF	\$20.00	\$12,200.00
16	Monument Assembly	623	2	EA	\$1,000.00	\$2,000.00
17	Monument Box Adjusted to Grade	623	2	EA	\$400.00	\$800.00
18	Geogrid for Subgrade Stabilization, As Per Plan	861	255	SY	\$3.00	\$765.00
19	Soil Analysis Test	659	2	EA	\$150.00	\$300.00
20	Topsoil, As Per Plan	659	57	CY	\$45.00	\$2,565.00
21	Seeding and Mulching, As Per Plan	SPECIAL	511	SY	\$3.00	\$1,533.00
22	Commercial Fertilizer	659	0.12	TON	\$1,200.00	\$144.00
23	Water	659	3	M GAL	\$32.00	\$96.00
24	Work Involved Non-Regulated Materials	690	50	CY	\$30.00	\$1,500.00
25	Work Involving Hazardous Waste	690	50	CY	\$45.00	\$2,250.00
26	Work Involving Petroleum Contaminated Soil	690	50	CY	\$95.00	\$4,750.00
27	Work Involving Non-Regulated Water	690	100	GAL	\$0.50	\$50.00
28	Work Involving Regulated Water	690	100	GAL	\$4.75	\$475.00
29	Concrete Masonry	602	0.30	CY	\$2,000.00	\$600.00
30	6" Shallow Pipe Underdrains with Fabric Wrap, As Per Plan	605	236	FT	\$15.00	\$3,540.00
31	6" Unclassified Pipe Underdrains	605	50	FT	\$20.00	\$1,000.00
32	6" Conduit, Type F for Underdrain Outlets	605	40	FT	\$22.00	\$880.00
33	6" Conduit, Type C	605	47	FT	\$25.00	\$1,175.00
34	6" Conduit, Type F	605	50	FT	\$26.00	\$1,300.00

Eng.
Est.

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
35	12" Conduit, Type B, As Per Plan	611	84	FT	\$65.00	\$5,460.00
36	Catch Basin, No. 3, As Per Plan	611	2	EA	\$3,500.00	\$7,000.00
37	Catch Basin Adjusted to Grade	611	9	EA	\$670.00	\$6,030.00
38	Manhole, No. 3	611	1	EA	\$4,000.00	\$4,000.00
39	Manhole Adjusted to Grade	611	15	EA	\$575.00	\$8,625.00
40	Miscellaneous Metal	611	4,000	LB	\$1.50	\$6,000.00
41	Pavement Planing, Asphalt Concrete, As Per Plan	254	13,210	SY	\$5.00	\$66,050.00
42	Asphalt Concrete Base, PG64-22	301	73	CY	\$145.00	\$10,585.00
43	Aggregate Base, As Per Plan	304	40	CY	\$50.00	\$2,000.00
44	Non-Tracking Tack Coat	407	1,948	GAL	\$5.00	\$9,740.00
45	Asphalt Concrete Surface Course, Type 1, (448), PG70-22M, As Per Plan	441	467	CY	\$230.00	\$107,410.00
46	Asphalt Concrete Intermediate Course, Type 2, (448)	441	654	CY	\$145.00	\$94,830.00
47	Curb, Type 6	609	236	FT	\$25.00	\$5,900.00
48	Valve Box Adjusted to Grade	638	10	EA	\$240.00	\$2,400.00
49	Manhole Adjusted to Grade, As Per Plan	611	8	EA	\$750.00	\$6,000.00
50	Ground Mounted Support, No. 3 Post	630	120	FT	\$10.00	\$1,200.00
51	Sign Hanger Assembly, Mast Arm, As Per Plan	630	22	EA	\$350.00	\$7,700.00
52	Sign Hanger Assembly, Pole Mounted	630	4	EA	\$116.00	\$464.00
53	Sign, Flat Sheet	630	243	SF	\$17.00	\$4,131.00
54	Removal of Ground Mounted Sign and Disposal	630	10	EA	\$13.00	\$130.00
55	Removal of Ground Mounted Post Support and Disposal	630	8	EA	\$15.00	\$120.00
56	Removal of Overhead Mounted Sign and Disposal	630	23	EA	\$145.00	\$3,335.00
57	Removal of Pole Mounted Sign and Disposal	630	3	EA	\$23.00	\$69.00
58	Lane Line, 4"	646	0.76	MI	\$3,000.00	\$2,280.00
59	Center Line	646	0.50	MI	\$7,300.00	\$3,650.00
60	Channelizing Line, 8"	646	2,819	FT	\$2.00	\$5,638.00
61	Stop Line	646	196	FT	\$10.50	\$2,058.00
62	Crosswalk Line	646	781	FT	\$5.00	\$3,905.00
63	Transverse/Diagonal Line	646	256	FT	\$7.00	\$1,792.00
64	Lane Arrow	646	32	EA	\$160.00	\$5,120.00
65	Dotted Line, 8"	646	183	FT	\$5.00	\$915.00
66	Removal of Pavement Marking, As Per Plan	646	132	FT	\$12.00	\$1,584.00
67	Conduit, 4", Type E	611	100	FT	\$9.50	\$950.00
68	Bracket Arm, 6'	625	1	EA	\$600.00	\$600.00
69	Bracket Arm, 8'	625	3	EA	\$800.00	\$2,400.00
70	No. 6 AWG 2400 Volt Distribution Cable	625	900	FT	\$3.00	\$2,700.00
71	No. 10 AWG Pole and Bracket Cable	625	200	FT	\$1.50	\$300.00
72	Conduit, 2", 725.051	625	285	FT	\$4.75	\$1,353.75
73	Conduit, 3", 725.051	625	60	FT	\$8.45	\$507.00
74	Conduit, 4", 725.051	625	100	FT	\$12.00	\$1,200.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
75	Conduit, Jacked or Drilled, 725.04, 3"	625	190	FT	\$40.00	\$7,600.00
76	Conduit Cleaned and Cables Removed	625	200	FT	\$1.70	\$340.00
77	Luminaire Conventional, As Per Plan	625	4	EA	\$1,200.00	\$4,800.00
78	Trench	625	230	FT	\$7.00	\$1,610.00
79	Trench in Paved Area, Type A	625	175	FT	\$30.00	\$5,250.00
80	Pull Box, 725.08, 18", As Per Plan	625	4	EA	\$700.00	\$2,800.00
81	Pull Box, 725.08, 24", As Per Plan	625	1	EA	\$850.00	\$850.00
82	Ground Rod	625	9	EA	\$200.00	\$1,800.00
83	Plastic Caution Tape	625	405	FT	\$0.35	\$141.75
84	Pull Box Cleaned	625	3	EA	\$105.00	\$315.00
85	Vehicular Signal Head, (LED), Black, Polycarbonate, 3-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	10	EA	\$900.00	\$9,000.00
86	Vehicular Signal Head, (LED), Black, Polycarbonate, 5-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	632	4	EA	\$1,400.00	\$5,600.00
87	Pedestrian Signal Head, (LED), Black, Polycarbonate, (Countdown), Type D2, As Per Plan	632	8	EA	\$550.00	\$4,400.00
88	Covering of Vehicular Signal Head	632	14	EA	\$34.00	\$476.00
89	Covering of Pedestrian Signal Head	632	8	EA	\$26.00	\$208.00
90	Pedestrian Pushbutton, As Per Plan	632	8	EA	\$212.00	\$1,696.00
91	Signal Cable, 5 Conductor, No. 14 AWG	632	1,000	FT	\$2.00	\$2,000.00
92	Signal Cable, 7 Conductor, No. 14 AWG	632	3,600	FT	\$2.25	\$8,100.00
93	Interconnect, As Per Plan	632	1	EA	\$2,500.00	\$2,500.00
94	Signal Support Foundation, As Per Plan	632	4	EA	\$3,600.00	\$14,400.00
95	Pedestal Foundation	632	4	EA	\$711.00	\$2,844.00
96	Power Cable, 2 Conductor, No. 6 AWG	632	10	FT	\$4.00	\$40.00
97	Service Cable, 3 Conductor, No. 6 AWG	632	300	FT	\$3.60	\$1,080.00
98	Power Service, As Per Plan	632	1	EA	\$2,000.00	\$2,000.00
99	Signal Support, Mechanical Damper for TC-81.21 Mast Arm, As Per Plan	632	1	EA	\$1,000.00	\$1,000.00
100	Combination Signal Support, Type TC-81.21, Design 13	632	3	EA	\$15,000.00	\$45,000.00
101	Combination Signal Support, Type TC-81.21, Design 14	632	1	EA	\$15,000.00	\$15,000.00
102	Pedestal, 8', Transformer Base, As Per Plan	632	4	EA	\$700.00	\$2,800.00
103	Removal of Traffic Signal Installation	632	1	EA	\$2,500.00	\$2,500.00
104	Signalization, Misc: Foundation Test Hole	632	4	EA	\$500.00	\$2,000.00
105	Controller Unit, Type TS2/A2, With Cabinet, Type TS1, As Per Plan	633	1	EA	\$17,500.00	\$17,500.00
106	Cabinet Foundation	633	1	EA	\$2,000.00	\$2,000.00
107	Preemption, As Per Plan	633	1	EA	\$2,000.00	\$2,000.00
108	Preemption Receiving Unit, As Per Plan	633	4	EA	\$675.00	\$2,700.00
109	Preemption Detector Cable, As Per Plan	633	1,200	LF	\$2.00	\$2,400.00
110	Preemption Phase Selector, As Per Plan	633	2	EA	\$2,500.00	\$5,000.00
111	Preemption Confirmation Light, As Per Plan	633	4	LF	\$425.00	\$1,700.00

ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
112	Uninterruptible Power Supply (UPS), As Per Plan	633	1	EA	\$5,000.00	\$5,000.00
113	Video Detection, As Per Plan	809	1	EA	\$20,000.00	\$20,000.00
114	Law Enforcement Officer with Patrol Car for Assistance	614	100	HR	\$70.00	\$7,000.00
115	Special - Work Zone Traffic Signal, As Per Plan	614	1	EA	\$10,000.00	\$10,000.00
116	Detour Signing, As Per Plan	614	1	LS	\$6,000.00	\$6,000.00
117	Maintaining Traffic, Misc.: Local Business Signing	614	6	EA	\$250.00	\$1,500.00
118	Portable Changeable Message Sign, As Per Plan	614	2	EA	\$20,000.00	\$40,000.00
119	Work Zone Lane Line, Class 1, 642, Paint	614	0.03	MI	\$10,000.00	\$300.00
120	Water	616	1	M GAL	\$50.00	\$50.00
121	Premium for Contract Performance Bond, Payment Bond, and Maintenance Bond	SPECIAL	1	LS	\$20,000.00	\$20,000.00
122	Maintaining Traffic	614	1	LS	\$75,000.00	\$75,000.00
123	Construction Layout Stakes and Surveying, As Per Plan	623	1	LS	\$5,000.00	\$5,000.00
124	Mobilization, As Per Plan	624	1	LS	\$25,000.00	\$25,000.00
125	Misc.: Test Excavation (For Utility Locations)	SPECIAL	2	EA	\$2,000.00	\$4,000.00
126	Misc.: Pre-Construction Video	SPECIAL	1	LS	\$850.00	\$850.00
127	Misc.: Post-Construction Video	SPECIAL	1	LS	\$850.00	\$850.00
TOTAL BASE BID						\$879,881.80


TOTAL BID _____

COMPANY NAME _____

SIGNATURE _____

TITLE _____

ALTERNATE BID ITEMS						
ITEM NO.	DESCRIPTION	ODOT ITEM	EST. QTY.	UNIT	UNIT PRICE	TOTAL BID PRICE
128	Preemption, As Per Plan, Alternate #1	633	1	EA	\$2,000.00	\$2,000.00
129	Preemption Receiving Unit, As Per Plan, Alternate # 1	633	4	EA	\$700.00	\$2,800.00
130	Preemption Phase Selector, AS Per Plan, Alternate # 1	632	2	EA	\$2,000.00	\$4,000.00



Randy M. Donovan

 1/9/2017