



39	1,300	Shaping and Grading Roadway Base	@	\$50.00	Lin. Ft.	\$65,000.00
40	2,600	30-Inch Combination Concrete Curb and Gutter	@	\$12.86	Lin. Ft.	\$33,436.00
41	5,900	9-Inch Concrete Pavement, Doweled	@	\$35.20	Sq. Yd.	\$207,680.00
42	2,383	5-Inch HMA Pavement (Includes Asphalt Curb)	@	\$7.50	Sq. Ft.	\$17,872.50
43	936	4-Inch HMA Pavement	@	\$6.75	Sq. Ft.	\$6,318.00
44	10,900	Walk and Drive Approach Removal	@	\$1.00	Sq. Ft.	\$10,900.00
45	7,819.3	New 4-Inch Concrete Walk and Curb Ramps	@	\$4.00	Sq. Ft.	\$31,277.20
46	0	Concrete Curb - Pedestrian	@	\$50.00	Lin. Ft.	\$0.00
47	1,436.3	New 6-Inch Concrete Walk and Drive Approach	@	\$4.11	Sq. Ft.	\$5,903.19
48	1,494.7	New 7-Inch Concrete Walk and Drive Approach	@	\$5.00	Sq. Ft.	\$7,473.50
49	176	Detectable Warning Field	@	\$30.00	Sq. Ft.	\$5,280.00
50	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$10.00	Each	\$0.00
51	0	Grooved in Place Pavement Markings, Double Yellow, Preformed Plastic, 4-Inch	@	\$3.85	Lin. Ft.	\$0.00
52	0	Grooved in Place Pavement Markings, White 10-Ft Dash, 30-Ft Skip, Preformed Plastic, 4-Inch	@	\$3.85	Lin. Ft.	\$0.00
53	0	Grooved in Place Pavement Markings, White, Preformed Plastic, 8-Inch	@	\$6.95	Lin. Ft.	\$0.00
54	0	Grooved in Place Pavement Markings, White 3-Ft Dash, 9-Ft Skip, Preformed Thermoplastic, 8-Inch	@	\$13.00	Lin. Ft.	\$0.00
55	0	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch	@	\$18.75	Lin. Ft.	\$0.00
56	0	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch	@	\$30.00	Lin. Ft.	\$0.00
57	0	Grooved in Place Pavement Markings, Arrows, Type 2, White, Preformed Thermoplastic	@	\$550.00	Each	\$0.00
58	0	Grooved in Place Pavement Markings, Words, Only, White, Preformed Thermoplastic	@	\$710.00	Each	\$0.00
59	0	Valve Box Adjustments	@	\$150.00	Each	\$0.00
60	1,815.4	Topsoil and Sod (Includes Stripping)	@	\$10.05	Sq. Yd.	\$18,244.77
61	0	Silt Fence, Delivered, Installed and Maintained	@	\$2.02	Lin. Ft.	\$0.00
62	0	Straw Bales Delivered, Installed and Maintained	@	\$15.15	Each	\$0.00
63	0	Filter Fabric Inlet Protection	@	\$60.00	Each	\$0.00
64	1	Temporary Street Lighting	@	\$24,441.00	Lump Sum	\$24,441.00
65	1,052.5	Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch	@	\$7.00	Lin. Ft.	\$7,367.50
66	1,341	Non Metallic Conduit, Communications, Polyethylene Duct, 3-Inch	@	\$9.00	Lin. Ft.	\$12,069.00
67	7	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$793.00	Each	\$5,551.00
68	11	Communications Pull Boxes, 24-Inch x 36-Inch	@	\$848.00	Each	\$9,328.00
69	6	Concrete Bases, Type 5	@	\$764.00	Each	\$4,584.00
70	1,539.6	Electrical Wire 10 AWG	@	\$1.00	Lin. Ft.	\$1,539.60
71	1,306.8	Electrical Wire 6 AWG	@	\$1.50	Lin. Ft.	\$1,960.20
72	3,356	Electrical Wire 4 AWG	@	\$2.00	Lin. Ft.	\$6,712.00
73	0	Install Fiber Optic Communications in Signal Cabinet	@	\$3,503.00	Each	\$0.00
74	0	Modify Traffic Signal, Intersection of N. Grandview Blvd & Summit Avenue	@	\$844.00	Lump Sum	\$0.00
75	1,948.3	Furnish and Install 6-CT Fiber Optic Cable	@	\$2.66	Lin. Ft.	\$5,182.48
76	0	Remove Existing Copper Communication Cable	@	\$1.10	Lin. Ft.	\$0.00
77	1	Furnish and Install Overhead Sign Structure	@	\$20,162.00	Lump Sum	\$20,162.00
78	104.1	Conduit Rigid Nonmetallic Schedule 40 2-Inch (WisDOTPay Item 652.0225)	@	\$5.61	Lin. Ft.	\$584.00
79	938.6	Conduit Rigid Nonmetallic Schedule 40 3-Inch (WisDOTPay Item 652.0235)	@	\$6.85	Lin. Ft.	\$6,429.41
80	10	Pull Boxes Steel 24x42-Inch (WisDOT Pay Item 653.0140)	@	\$803.16	Each	\$8,031.60

81	4	Concrete Bases Type 1 (WisDOT Pay Item 654.0101) @	\$578.27	Each	\$2,313.08
82	4	Concrete Bases Type 2 (WisDOT Pay Item 654.0102) @	\$881.81	Each	\$3,527.24
83	3	Concrete Bases Type 5 (WisDOT Pay Item 654.0105) @	\$760.00	Each	\$2,280.00
84	2	Concrete Bases Type 10 (WisDOT Pay Item 654.0110) @	\$4,314.41	Each	\$8,628.82
85	1	Concrete Control Cabinet Bases Type 9 Special (WisDOT Pay Item 654.0217) @	\$2,015.00	Each	\$2,015.00
86	0	Cable Traffic Signal 5-14 AWG (WisDOT Pay Item 655.0230) @	\$1.13	Lin. Ft.	\$0.00
87	0	Cable Traffic Signal 7-14 AWG (WisDOT Pay Item 655.0240) @	\$1.30	Lin. Ft.	\$0.00
88	0	Cable Traffic Signal 12-14 AWG (WisDOT Pay Item 655.0260) @	\$1.88	Lin. Ft.	\$0.00
89	0	Cable Type UF 2-10 AWG Grounded (WisDOT Pay Item 655.0320) @	\$0.91	Lin. Ft.	\$0.00
90	0	Electrical Wire Traffic Signals 10 AWG (WisDOT Pay Item 655.0515) @	\$0.81	Lin. Ft.	\$0.00
91	0	Electrical Wire Lighting 10 AWG (WisDOT Pay Item 655.0615) @	\$0.81	Lin. Ft.	\$0.00
92	1	Electrical Service Meter Breaker Pedestal USH 18 & Moreland Boulevard (WisDOT Pay Item 656.0200.01) @	\$1,230.38	Lump Sum	\$1,230.38
93	4	Pedestal Bases (WisDOT Pay Item 657.0100) @	\$240.60	Each	\$962.40
94	6	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle (WisDOT Pay Item 657.0255) @	\$402.72	Each	\$2,416.32
95	2	Poles Type 2 (WisDOT Pay Item 657.0305) @	\$1,354.36	Each	\$2,708.72
96	2	Poles Type 3 (WisDOT Pay Item 657.0310) @	\$2,755.22	Each	\$5,510.44
97	2	Poles Type 5 - Aluminum (WisDOT Pay Item 657.0322) @	\$1,300.00	Each	\$2,600.00
98	0	Traffic Signal Standards Aluminum 3.5-Ft (WisDOT Pay Item 657.0405) @	\$191.30	Each	\$0.00
99	4	Traffic Signal Standards Aluminum 15-Ft (WisDOT Pay Item 657.0425) @	\$596.00	Each	\$2,384.00
100	2	Trombone Arms 15-Ft (WisDOT Pay Item 657.0585) @	\$1,431.77	Each	\$2,863.54
101	6	Luminaire Arms Single Member 4-Inch Clamp 6-Ft (WisDOT Pay Item 657.0609) @	\$262.63	Each	\$1,575.78
102	16	Traffic Signal Face 3-12 Inch Vertical (WisDOT Pay Item 658.0110) @	\$446.71	Each	\$7,147.36
103	4	Traffic Signal Face 4-12 Inch Vertical (WisDOT Pay Item 658.0115) @	\$552.00	Each	\$2,208.00
104	16	Backplates Signal Face 3 Section 12-Inch (WisDOT Pay Item 658.0215) @	\$94.82	Each	\$1,517.12
105	4	Backplates Signal Face 4 Section 12-Inch (WisDOT Pay Item 658.0220) @	\$101.31	Each	\$405.24
106	8	Pedestrian Signal Face 16-Inch (WisDOT Pay Item 658.0416) @	\$311.64	Each	\$2,493.12
107	0	Pedestrian Push Buttons (WisDOT Pay Item 658.0500) @	\$292.12	Each	\$0.00
108	12	LED Modules 12-Inch Red Ball (WisDOT Pay Item 658.0600) @	\$53.18	Each	\$638.16
109	12	LED Modules 12-Inch Yellow Ball (WisDOT Pay Item 658.0605) @	\$54.48	Each	\$653.76
110	12	LED Modules 12-Inch Green Ball (WisDOT Pay Item 658.0610) @	\$55.77	Each	\$669.24
111	8	LED Modules 12-Inch Red Arrow (WisDOT Pay Item 658.0615) @	\$53.18	Each	\$425.44
112	16	LED Modules 12-Inch Yellow Arrow (WisDOT Pay Item 658.0620) @	\$54.48	Each	\$871.68

113	4	LED Modules 12-Inch Green Arrow (WisDOT Pay Item 658.0625)	@	\$55.77	Each	\$223.08
114	8	LED Modules Pedestrian Countdown Timer 16-Inch (WisDOT Pay Item 658.0635)	@	\$272.00	Each	\$2,176.00
115	1	Signal Mounting Hardware USH 18 & Moreland Boulevard (WisDOT Pay Item 658.5069.01)	@	\$3,746.47	Lump Sum	\$3,746.47
116	8	Luminaires Utility LED C	@	\$732.43	Each	\$5,859.44
117	2	Poles Type 9 (SPV.0060.01)	@	\$5,180.42	Each	\$10,360.84
118	2	Monotube Arms 30-Ft (SPV.0060.02)	@	\$3,500.00	Each	\$7,000.00
119	1	Traffic Signal Controller and Cabinet 8-Phase Fully Actuated (SPV.0060.03)	@	\$22,350.00	Each	\$22,350.00
120	1	Video Vehicle Detection System USH 18 & Moreland Boulevard (SPV.0105.01)	@	\$26,257.63	Each	\$26,257.63
121	1	Emergency Vehicle Preemption System USH 18 & Moreland Boulevard (SPV.0105.02)	@	\$9,783.26	Each	\$9,783.26
122	1	Remove Traffic Signals USH 18 & Moreland Boulevard (SPV.0105.03)	@	\$3,295.00	Lump Sum	\$3,295.00
Extra No. 1	1	8 Pedestrian Push Buttons - Revised	@	\$1,018.49	Each	\$8,147.92
Subtotal						\$1,090,507.83
Less Retainage						\$31,500.00
Subtotal						\$1,059,007.83
Less Amount Previously Paid						\$949,007.52
Total Amount Due						\$110,000.31

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$110,000.31 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.  
Director of Public Works