

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID 2100-02-91

S. 35TH ST. - W. MITCHELL ST. TO W. GREENFIELD AVE.

LOCAL STREET

MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71032	SPV.0060	Opticom Phase Selector Card	Each	1	\$ 1,758.75	\$ 1,911.92	\$ 1,911.92
71033	SPV.0060	Opticom 711 Detector	Each	2	\$ 845.04	\$ 671.37	\$ 1,342.74
71034	SPV.0060	Opticom 721 Detector	Each	2	\$ 913.00	\$ 708.01	\$ 1,416.01
71035	SPV.0060	Opticom Confirmation Light Assembly	Each	6	\$ 250.50	\$ 219.79	\$ 1,318.72
71040	SPV.0060	Vehicular Microwave Detection System	Each	1	\$ 4,200.00	\$ 6,254.81	\$ 6,254.81
71052	SPV.0060	Solid State Controller Installed	Each	2	\$ 19,750.68	\$ 13,898.43	\$ 27,796.85
71055	658.0225	Backplates Signal Face 5 Section 12-inch	Each	1	\$ 55.00	\$ 86.28	\$ 86.28
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	5	\$ 165.00	\$ 62.56	\$ 312.80
71060	658.0120	Traffic Signal Face 5-12 Inch Vertical	Each	2	\$ 812.12	\$ 749.59	\$ 1,499.18
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	22	\$ 5,699.76	\$ 489.18	\$ 10,762.04
71065	658.0500	Pedestrian Push Buttons	Each	4	\$ 128.00	\$ 142.43	\$ 569.70
71066	658.0412	Pedestrian Signal Face 12-Inch	Each	16	\$ 2,592.16	\$ 333.56	\$ 5,336.97
71067	SPV.0060	Pedestrian Countdown Signal Face 12-Inch	Each	16	\$ 2,633.44	\$ 336.34	\$ 5,381.47
71101	678.0200	Fiber Optic Splice Enclosure	Each	2	\$ 750.00	\$ 512.21	\$ 808.58
71102	678.0300	Fiber Optic Splice	Each	2	\$ -	\$ 72.31	\$ 144.61
71103	SPV.0060	Fiber Optic Patch Panel	Each	2	\$ 1,200.00	\$ 862.71	\$ 1,725.42
71104	SPV.0060	Ethernet Switch	Each	2	\$ 1,398.50	\$ 1,617.26	\$ 3,234.51
71105	SPV.0060	Fiber Optic Patch Cords	Each	2	\$ 115.90	\$ 73.28	\$ 146.55
71154	655.0900	Traffic Signal EVP Detector Cable	LF	330	\$ 135.30	\$ 3.25	\$ 1,073.80
71170	655.0250	Cable Traffic Signal 9-14 AWG	LF	30	\$ 18.90	\$ 3.49	\$ 104.73
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	190	\$ 152.00	\$ 3.67	\$ 698.13
71172	SPV.0090	Cable Traffic Signal 17-14 AWG	LF	160	\$ 182.40	\$ 4.04	\$ 646.55
71173	SPV.0090	Cable Traffic Signal 20-14 AWG	LF	780	\$ 1,076.40	\$ 4.30	\$ 3,353.73
71177	SPV.0060	Install Secondary Riser	Each	1	\$ 6.18	\$ 114.59	\$ 114.59
71190	SPV.0060	Mast Arm Fabricated	Each	4	\$ 4,900.00	\$ 2,709.97	\$ 10,839.89
71191	SPV.0060	Mast Arm Pole	Each	4	\$ 7,331.16	\$ 2,543.19	\$ 10,172.77
71197	SPV.0060	Signal Standard 13' or 14'	Each	3	\$ 2,124.81	\$ 1,237.28	\$ 3,711.85
73288	638.2602	Removing Signs Type II	Each	105	\$ -	\$ 6.06	\$ 635.94
73289	638.3000	Removing Small Sign Supports	Each	28	\$ -	\$ 10.09	\$ 282.65
73291	SPV.0060	Socket 3' RSP	Each	5	\$ 172.55	\$ 57.40	\$ 286.98
73292	SPV.0060	Socket (Concrete Install)	Each	85	\$ 1,834.30	\$ 53.55	\$ 4,551.63
73295	SPV.0060	Sign Pipe 2"	Each	28	\$ 1,512.00	\$ 62.26	\$ 1,743.16
73299	637.2220	Signs Type II Reflective SH	SF	525	\$ 3,207.75	\$ 13.42	\$ 7,044.17

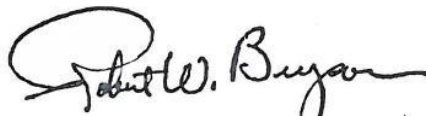
LFA CONSTRUCTION COST \$ 121,395.72

LFA EXCLUDED COST \$ 66,761.60

STATE REVIEW COST (15%) \$ 18,209.36

TOTAL PROJECT COST \$ 139,605.08

APPROVED BY:



ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT
JOSEPH C. BLAKEMAN
REVISED: JULY 9, 2015

* Please note that the Total City Cost includes the embedded costs of mobilization, traffic control, mounting hardware, material removal, and construction staking electrical installations which are included in the times used for calculating City Unit Costs on the attached worksheets.