

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID 2505-00-95

S. 13TH ST. - W. WINDLAKE AVE. TO W. FOREST HOME AVE.

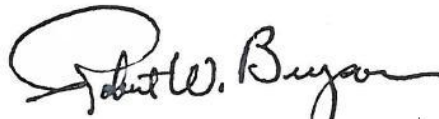
LOCAL STREET

MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71034	SPV.0060.01	Opticom 721 Detector w/ Selector Card	Each	5	\$ 5,800.00	\$ 1,434.76	\$ 7,173.82
71035	SPV.0060.02	Opticom Confirmation Light Assembly	Each	10	\$ 417.50	\$ 208.00	\$ 2,079.96
71037	SPV.0060.03	Wireless Radio Interconnect Unit	Each	1	\$ 4,382.00	\$ 5,464.72	\$ 5,464.72
71052	SPV.0060.04	Solid State Controller Installed	Each	3	\$ 35,181.42	\$ 15,534.11	\$ 46,602.33
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	3	\$ 99.00	\$ 60.26	\$ 180.79
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	30	\$ 7,772.40	\$ 470.84	\$ 14,125.07
71066	658.0412	Pedestrian Signal Face 12-Inch	Each	8	\$ 1,296.08	\$ 320.28	\$ 2,562.22
71067	SPV.0060.05	Pedestrian Countdown Signal Face 12-Inch	Each	8	\$ 1,316.72	\$ 323.02	\$ 2,584.17
71081	658.1110	Programmable Traffic Signal Face 3-12 Vertical	Each	2	\$ 3,362.92	\$ 2,080.93	\$ 4,161.86
71154	655.0900	Traffic Signal EVP Detector Cable	LF	350	\$ 143.50	\$ 3.07	\$ 1,073.24
71161	SPV.0090.01	Cable Service 3 #4/1 #8 LTP	LF	1,275	\$ 3,021.75	\$ 4.66	\$ 5,936.84
71170	655.0250	Cable Traffic Signal 9-14 AWG	LF	100	\$ 63.00	\$ 3.30	\$ 330.06
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	710	\$ 568.00	\$ 3.48	\$ 2,471.57
71173	SPV.0090.02	Cable Traffic Signal 20-14 AWG	LF	1,000	\$ 1,380.00	\$ 4.10	\$ 4,097.80
71174	SPV.0090.03	Cable Traffic Signal Interconnect 9-14 AWG	LF	240	\$ 151.20	\$ 5.93	\$ 1,423.39
71176	674.0300	Remove Cable	LF	600	\$ -	\$ 1.01	\$ 604.01
71177	SPV.0060.06	Install Secondary Riser	Each	3	\$ 18.54	\$ 107.24	\$ 321.71
71178	SPV.0060.07	Remove Secondary Riser	Each	1	\$ -	\$ 100.67	\$ 100.67
71190	SPV.0060.08	Mast Arm Fabricated	Each	3	\$ 3,675.00	\$ 1,403.21	\$ 4,209.63
71191	SPV.0060.09	Mast Arm Pole	Each	3	\$ 5,498.37	\$ 2,482.33	\$ 7,447.00
71197	SPV.0060.10	Signal Standard 13' or 14'	Each	10	\$ 7,082.70	\$ 1,194.15	\$ 11,941.49
71198	SPV.0060.11	Signal Standard 1' Extension	Each	2	\$ 121.20	\$ 114.77	\$ 229.54
71700	SPV.0060.12	Signal Housing Relocated	Each	6	\$ -	\$ 302.00	\$ 1,812.02
73288	638.2602	Removing Signs Type II	Each	98	\$ -	\$ 5.76	\$ 564.23
73289	638.3000	Removing Small Sign Supports	Each	36	\$ -	\$ 9.60	\$ 345.44
73291	SPV.0060.13	Socket 3' RSP	Each	15	\$ 517.65	\$ 55.89	\$ 838.31
73292	SPV.0060.14	Socket (Concrete Install)	Each	21	\$ 453.18	\$ 51.73	\$ 1,086.38
73295	SPV.0060.15	Sign Pipe 2"	Each	34	\$ 1,836.00	\$ 61.26	\$ 2,082.72
73299	637.2220	Signs Type II Reflective SH	SF	500	\$ 3,055.00	\$ 13.18	\$ 6,588.05

LFA CONSTRUCTION COST \$ 138,439.04
LFA EXCLUDED COST \$ 87,213.13
STATE REVIEW COST (15%) \$ 20,765.86
TOTAL PROJECT COST \$ 159,204.90

APPROVED BY:



ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT
JOSEPH C. BLAKEMAN
REVISED: SEPTEMBER 16, 2014

* 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.