

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID 2049-00-70
W. LAPHAM BLVD. - S. 13TH ST. INTERSECTION
LOCAL STREET
MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71034	SPV.0060.001	Opticom 721 Detector w/ Selector Card	Each	2	\$ 4,430.50	\$ 2,646.67	\$ 5,293.34
71035	SPV.0060.002	Opticom Flood Lights	Each	4	\$ 166.52	\$ 213.57	\$ 854.28
71052	SPV.0060.003	Solid State Controller Installed	Each	1	\$ 6,551.96	\$ 10,343.00	\$ 10,343.00
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	2	\$ 72.00	\$ 65.51	\$ 131.02
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	16	\$ 5,262.24	\$ 562.41	\$ 8,998.50
71066LC	658.0412	Pedestrian Signal Face 12-Inch	Each	8	\$ 1,236.72	\$ 270.35	\$ 2,162.79
71067	SPV.0060.004	Pedestrian Countdown Signal Face 12-Inch	Each	8	\$ 1,217.84	\$ 267.75	\$ 2,142.00
71142	652.0605	Conduit Special 2-Inch	LF	50	\$ 3.00	\$ 7.66	\$ 383.05
71144	652.0610	Conduit Special 2 1/2-Inch	LF	400	\$ 8.00	\$ 7.62	\$ 3,046.84
71146	652.0615	Conduit Special 3-Inch	LF	80	\$ 3.20	\$ 9.84	\$ 787.52
71154	SPV.0090.001	Opticom Cable	LF	160	\$ 65.60	\$ 3.16	\$ 505.96
71161	SPV.0090.002	Cable Service 3 #4/1 #8 LTP	LF	195	\$ 508.95	\$ 4.58	\$ 893.91
71172	SPV.0090.003	Cable Traffic Signal 17-14 AWG	LF	595	\$ 880.60	\$ 4.34	\$ 2,582.82
71173	SPV.0090.004	Cable Traffic Signal 20-14 AWG	LF	425	\$ 603.50	\$ 4.27	\$ 1,816.81
71174	SPV.0090.005	Cable Traffic Signal Interconnect 9-14 AWG	LF	780	\$ 600.60	\$ 6.27	\$ 4,890.21
71177	SPV.0060.005	Install Secondary Riser	Each	1	\$ 6.50	\$ 110.56	\$ 110.56
71188	SPV.0060.006	Rectangular Vault 13"x24"x18"	Each	7	\$ 1,573.67	\$ 382.58	\$ 2,678.04
71189	SPV.0060.007	Rectangular Vault 17"x30"x18"	Each	3	\$ 807.69	\$ 431.50	\$ 1,294.51
71190	SPV.0060.008	Mast Arm Fabricated	Each	2	\$ 118.10	\$ 1,589.81	\$ 3,179.62
71191	SPV.0060.009	Mast Arm Pole	Each	2	\$ 3,254.22	\$ 2,324.96	\$ 4,649.91
71197	SPV.0060.010	Signal Standard 13'	Each	6	\$ 4,059.18	\$ 1,197.16	\$ 7,182.98
71198	SPV.0060.011	Signal Standard 1' Extension	Each	8	\$ 378.96	\$ 103.87	\$ 830.98

TOTAL CITY COST \$ 64,758.65
TOTAL EXCLUDED COSTS \$ 31,809.55

APPROVED BY:

ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT

JOSEPH C. BLAKEMAN
REVISED: SEPTEMBER 20, 2011

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