

PROJECT UNIT COST ANALYSIS

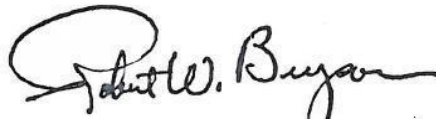
ESTIMATE OF QUANTITIES

PROJECT ID 2707-04-90
W. KILBOURN AVENUE AND N. 6TH STREET INTERSECTION
USH 18
MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71040	SPV.0105.01	Vehicular Microwave Detection System	LS	2	\$ 8,400.00	\$ 6,258.87	\$ 12,517.74
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	4	\$ 144.00	\$ 66.06	\$ 264.23
71060	658.0120	Traffic Signal Face 5-12 Inch Vertical	Each	8	\$ 3,143.60	\$ 722.74	\$ 5,781.90
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	12	\$ 2,982.36	\$ 472.12	\$ 5,665.40
71065	658.0500	Pedestrian Push Buttons	Each	7	\$ 221.76	\$ 143.90	\$ 1,007.31
71066	658.0412	Pedestrian Signal Face 12-Inch	Each	10	\$ 1,328.10	\$ 300.19	\$ 3,001.94
71067	SPV.0060.01	Pedestrian Countdown Signal Face 12-Inch	Each	10	\$ 1,328.10	\$ 300.19	\$ 3,001.94
71141	652.0220	Conduit Rigid Nonmetallic Schedule 40 1 1/2-Inch	LF	10	\$ 0.20	\$ 9.53	\$ 95.28
71143	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	75	\$ 4.50	\$ 9.57	\$ 717.85
71144	652.0610	Conduit Special 2 1/2-Inch	LF	65	\$ 1.30	\$ 8.86	\$ 576.21
71145	652.0230	Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF	175	\$ 7.00	\$ 9.55	\$ 1,671.22
71154	655.0900	Traffic Signal EVP Detector Cable	LF	230	\$ 94.30	\$ 3.47	\$ 799.10
71155	652.0900.S	Loop Detector Slots	LF	185	\$ 497.65	\$ 8.95	\$ 1,656.10
71156	SPV.0090.01	Cable Traffic Signal Loop Lead-In	LF	745	\$ 223.50	\$ 3.36	\$ 2,501.18
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	100	\$ 97.00	\$ 4.07	\$ 407.46
71172	SPV.0090.02	Cable Traffic Signal 17-14 AWG	LF	935	\$ 1,383.80	\$ 4.62	\$ 4,320.88
71173	SPV.0090.03	Cable Traffic Signal 20-14 AWG	LF	650	\$ 923.00	\$ 4.56	\$ 2,961.60
71176	674.0300	Remove Cable	LF	1,575	\$ -	\$ 1.10	\$ 1,731.93
71188	SPV.0060.02	Polymer Concrete Vault 13"x24"x18"	Each	12	\$ 2,697.72	\$ 377.66	\$ 4,531.89
71190	SPV.0060.03	Mast Arm Fabricated	Each	4	\$ 236.20	\$ 1,394.06	\$ 5,576.25
71191	SPV.0060.04	Mast Arm Pole	Each	2	\$ 3,254.22	\$ 2,293.69	\$ 4,587.37
71195B	SPV.0060.05	Signal Standard 5' Black	Each	1	\$ 530.88	\$ 1,135.02	\$ 1,135.02
71197B	SPV.0060.06	Signal Standard 13' Black	Each	6	\$ 4,059.18	\$ 1,291.04	\$ 7,746.21
71198B	SPV.0060.07	Signal Standard 1' Extension Black	Each	6	\$ 284.22	\$ 155.51	\$ 933.03
71199B	SPV.0060.08	Signal Standard 2' Extension Black	Each	3	\$ 257.91	\$ 196.87	\$ 590.60
73299	637.0202	Signs Reflective Type II	SF	12	\$ 73.32	\$ 13.52	\$ 162.20

TOTAL CITY COST \$ 73,941.84
TOTAL EXCLUDED COSTS \$ 32,173.82

APPROVED BY:



ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT
JOSEPH C. BLAKEMAN
REVISED: FEBRUARY 1, 2013

* 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.