

PROJECT UNIT COST ANALYSIS

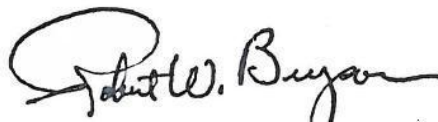
ESTIMATE OF QUANTITIES

PROJECT ID 2025-11-91
 W. CAPITOL DRIVE - N. MAYFAIR ROAD TO N. 84TH STREET
 STH 190
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71033	SPV.0060.01	Opticom 711 Detector w/ Selector Card	Each	7	\$ 8,966.16	\$ 1,583.93	\$ 11,087.50
71034	SPV.0060.02	Opticom 721 Detector w/ Selector Card	Each	1	\$ 2,215.25	\$ 2,584.92	\$ 2,584.92
71035	SPV.0060.03	Opticom Confirmation Light Assembly	Each	8	\$ 333.04	\$ 216.41	\$ 1,731.31
71040	SPV.0105.01	Vehicular Microwave Detection System	LS	2	\$ 12,600.00	\$ 8,442.95	\$ 16,885.90
71052	SPV.0060.04	Solid State Controller Installed	Each	1	\$ 9,495.07	\$ 13,377.80	\$ 13,377.80
71053	SPV.0060.05	ATC Controller Upgrade	Each	1	\$ 3,101.00	\$ 4,207.04	\$ 4,207.04
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	17	\$ 612.00	\$ 65.03	\$ 1,105.54
71060	658.0120	Traffic Signal Face 5-12 Inch Vertical	Each	2	\$ 785.90	\$ 725.29	\$ 1,450.57
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	37	\$ 9,195.61	\$ 471.34	\$ 17,439.60
71065	658.0500	Pedestrian Push Buttons	Each	6	\$ 190.08	\$ 139.80	\$ 838.79
71066	658.0412	Pedestrian Signal Face 12-Inch	Each	16	\$ 2,124.96	\$ 297.76	\$ 4,764.08
71067	SPV.0060.06	Pedestrian Countdown Signal Face 12-Inch	Each	16	\$ 2,124.96	\$ 297.76	\$ 4,764.08
71154	655.0900	Traffic Signal EVP Detector Cable	LF	1,205	\$ 494.05	\$ 3.21	\$ 3,870.41
71161	SPV.0090.01	Cable Service 3 #4/1 #8 LTP	LF	240	\$ 626.40	\$ 5.04	\$ 1,209.89
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	575	\$ 557.75	\$ 3.81	\$ 2,192.12
71172	SPV.0090.02	Cable Traffic Signal 17-14 AWG	LF	2,310	\$ 3,418.80	\$ 4.36	\$ 10,066.49
71173	SPV.0090.03	Cable Traffic Signal 20-14 AWG	LF	1,035	\$ 1,469.70	\$ 4.29	\$ 4,444.33
71174	SPV.0090.04	Cable Traffic Signal Interconnect 9-14 AWG	LF	7,010	\$ 5,397.70	\$ 6.37	\$ 44,649.61
71176	674.0300	Remove Cable	LF	2,260	\$ -	\$ 1.06	\$ 2,392.45
71197	SPV.0060.07	Signal Standard 13'	Each	13	\$ 8,794.89	\$ 1,187.88	\$ 15,442.44
71198	SPV.0060.08	Signal Standard 1' Extension	Each	12	\$ 568.44	\$ 103.68	\$ 1,244.13
71199	SPV.0060.09	Signal Standard 2' Extension	Each	2	\$ 171.94	\$ 145.03	\$ 290.06
73288	638.2602	Removing Signs Type II	Each	178	\$ -	\$ 6.06	\$ 1,078.81
73289	638.3000	Removing Small Sign Supports	Each	69	\$ -	\$ 10.10	\$ 696.98
73291	SPV.0060.10	Socket 3' RSP	Each	80	\$ 2,152.80	\$ 49.03	\$ 3,922.47
73292	SPV.0060.11	Socket (Concrete Install)	Each	12	\$ 177.00	\$ 46.11	\$ 553.26
73295	SPV.0060.12	Sign Pipe 2"	Each	92	\$ 1,816.08	\$ 25.19	\$ 2,317.29
73299	637.0202	Signs Reflective Type II	SF	1,050	\$ 6,415.50	\$ 13.57	\$ 14,243.58

TOTAL CITY COST \$ 188,851.45
TOTAL EXCLUDED COSTS \$ 83,805.08

APPROVED BY:



ROBERT W. BRYSON
 CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
 TRAFFIC AND LIGHTING DESIGN UNIT
 JOSEPH C. BLAKEMAN
 REVISED: SEPTEMBER 27, 2012

* 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.