

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID 2275-04-90
NORTH 20TH STREET - WEST HOPKINS STREET TO WEST CAPITOL DRIVE
STH 57
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	6	\$ 13,291.50	\$ 2,646.67	\$ 15,880.04
71035	SPV.0060.002	Opticom Flood Lights	Each	12	\$ 499.56	\$ 213.57	\$ 2,562.82
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	6	\$ 216.00	\$ 65.50	\$ 393.02
71060	658.0120	Traffic Signal Face 5-12 Inch Vertical	Each	1	\$ 494.09	\$ 841.13	\$ 841.13
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	33	\$ 10,853.37	\$ 562.41	\$ 18,559.41
71065	658.0500	Pedestrian Push Buttons	Each	4	\$ 126.72	\$ 138.29	\$ 553.16
71066LC	658.0412	Pedestrian Signal Face 12-Inch	Each	24	\$ 3,710.16	\$ 322.05	\$ 7,729.16
71067	SPV.0060.003	Pedestrian Countdown Signal Face 12-Inch	Each	24	\$ 3,653.52	\$ 319.45	\$ 7,666.78
71079	SPV.0060.004	PV Traffic Signal Face 5-12 Inch (512M)	Each	1	\$ 3,020.11	\$ 3,826.77	\$ 3,826.77
71081	SPV.0060.005	PV Traffic Signal Face 3-12 Inch (312M)	Each	6	\$ 6,247.98	\$ 1,447.17	\$ 8,683.03
71143	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	210	\$ 12.60	\$ 8.23	\$ 1,728.89
71144	652.0610	Conduit Special 2 1/2-Inch	LF	80	\$ 1.60	\$ 7.62	\$ 609.36
71145	652.0230	Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF	100	\$ 4.00	\$ 8.21	\$ 821.08
71147	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	655	\$ 13.10	\$ 8.19	\$ 5,363.64
71154	SPV.0090.001	Opticom Cable	LF	860	\$ 352.60	\$ 3.16	\$ 2,719.59
71155	652.0900.S	Loop Detector Slots	LF	120	\$ 322.80	\$ 8.38	\$ 1,006.10
71156	SPV.0090.002	Cable Traffic Signal Loop Lead-In	LF	225	\$ 67.50	\$ 3.04	\$ 684.79
71161	SPV.0090.003	Cable Service 3 #4/1 #8 LTP	LF	20	\$ 52.20	\$ 5.07	\$ 101.32
71170	655.0250	Cable Traffic Signal 9-14 AWG	LF	50	\$ 38.50	\$ 3.56	\$ 177.93
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	245	\$ 237.65	\$ 3.78	\$ 926.42
71172	SPV.0090.004	Cable Traffic Signal 17-14 AWG	LF	1,345	\$ 1,990.60	\$ 4.34	\$ 5,838.90
71173	SPV.0090.005	Cable Traffic Signal 20-14 AWG	LF	885	\$ 1,256.70	\$ 4.28	\$ 3,783.66
71176	674.0300	Remove Cable	LF	965	\$ -	\$ 1.03	\$ 997.79
71177	SPV.0060.006	Install Secondary Riser	Each	1	\$ 6.50	\$ 110.56	\$ 110.56
71178	SPV.0060.007	Remove Secondary Riser	Each	1	\$ -	\$ 103.40	\$ 103.40
71188	SPV.0060.008	Rectangular Vault 13"x24"x18"	Each	19	\$ 4,271.39	\$ 382.58	\$ 7,268.98
71189	SPV.0060.009	Rectangular Vault 17"x30"x18"	Each	2	\$ 538.46	\$ 431.50	\$ 863.00
71195	SPV.0060.010	Signal Standard 5'	Each	1	\$ 530.88	\$ 1,036.77	\$ 1,036.77
71197	SPV.0060.011	Signal Standard 13'	Each	8	\$ 5,412.24	\$ 1,197.16	\$ 9,577.31
71198	SPV.0060.012	Signal Standard 1' Extension	Each	8	\$ 378.96	\$ 103.87	\$ 830.98
73294	SPV.0060.013	Socket 3' RSP	Each	32	\$ 861.12	\$ 49.37	\$ 1,579.80
73295	SPV.0060.014	Socket (Concrete Install)	Each	4	\$ 59.00	\$ 45.84	\$ 183.36
73296	SPV.0060.015	Pipe 2"x9'6"	Each	27	\$ 832.14	\$ 37.89	\$ 1,023.08
73298	SPV.0060.016	Pipe 2"x11'0"	Each	9	\$ 177.66	\$ 25.69	\$ 231.20
73299	637.0202	Signs Reflective Type II	SF	414	\$ 2,529.54	\$ 13.58	\$ 5,622.74

TOTAL CITY COST \$ 119,885.97
TOTAL EXCLUDED COSTS \$ 62,060.75

APPROVED BY:

ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT
JOSEPH C. BLAKEMAN
REVISED: DECEMBER 12, 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.