

PROJECT UNIT COST ANALYSIS

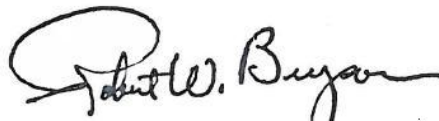
ESTIMATE OF QUANTITIES

PROJECT ID 1350-09-90
 USH 41 STADIUM FREEWAY - IH 94 TO LISBON AVE.
 USH 41
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71032	SPV.0060.01	Opticom Phase Selector Card	Each	2	\$ 3,517.50	\$ 1,911.93	\$ 3,823.86
71033	SPV.0060.02	Opticom 711 Detector	Each	3	\$ 1,267.56	\$ 671.37	\$ 2,014.11
71034	SPV.0060.03	Opticom 721 Detector	Each	2	\$ 913.00	\$ 708.01	\$ 1,416.01
71035	SPV.0060.04	Opticom Confirmation Light Assembly	Each	7	\$ 292.25	\$ 219.79	\$ 1,538.53
71040	SPV.0060.05	Vehicular Microwave Detection System	Each	3	\$ 12,600.00	\$ 6,254.82	\$ 18,764.45
71052	SPV.0060.06	Solid State Controller Installed	Each	2	\$ 19,750.68	\$ 12,692.10	\$ 25,384.19
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	8	\$ 264.00	\$ 62.56	\$ 500.46
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	23	\$ 5,958.84	\$ 489.18	\$ 11,251.22
71065	658.0500	Pedestrian Push Buttons	Each	5	\$ 160.00	\$ 142.43	\$ 712.14
71143	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	170	\$ 11.90	\$ 8.40	\$ 1,427.19
71145	652.0230	Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF	125	\$ 3.75	\$ 8.35	\$ 1,044.01
71146	652.0615	Conduit Special 3-Inch	LF	60	\$ 3.00	\$ 15.03	\$ 901.77
71147	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	125	\$ 6.25	\$ 8.37	\$ 1,046.71
71154	655.0900	Traffic Signal EVP Detector Cable	LF	750	\$ 307.50	\$ 3.25	\$ 2,440.42
71161	SPV.0090.01	Cable Service 3 #4/1 #8 LTP	LF	490	\$ 1,161.30	\$ 4.84	\$ 2,372.05
71170	655.0250	Cable Traffic Signal 9-14 AWG	LF	40	\$ 25.20	\$ 3.49	\$ 139.65
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	600	\$ 480.00	\$ 3.67	\$ 2,204.61
71172	SPV.0090.02	Cable Traffic Signal 17-14 AWG	LF	440	\$ 501.60	\$ 4.04	\$ 1,777.99
71173	SPV.0090.03	Cable Traffic Signal 20-14 AWG	LF	100	\$ 138.00	\$ 4.30	\$ 429.97
71176	674.0300	Remove Cable	LF	500	\$ -	\$ 1.08	\$ 539.64
71177	SPV.0060.07	Install Secondary Riser	Each	2	\$ 12.36	\$ 114.59	\$ 229.17
71188	SPV.0060.08	Polymer Concrete Vault 13"x24"x18"	Each	5	\$ 1,124.05	\$ 383.93	\$ 1,919.67
71189	SPV.0060.09	Polymer Concrete Vault 17"x30"x18"	Each	3	\$ 807.69	\$ 431.82	\$ 1,295.46
71190	SPV.0060.10	Mast Arm Fabricated	Each	2	\$ 2,450.00	\$ 1,822.87	\$ 3,645.73
71191	SPV.0060.11	Mast Arm Pole	Each	2	\$ 3,665.58	\$ 2,543.21	\$ 5,086.41
71195	SPV.0060.12	Signal Standard 5'	Each	1	\$ 563.25	\$ 1,080.95	\$ 1,080.95
71197	SPV.0060.13	Signal Standard 13' or 14'	Each	11	\$ 7,790.97	\$ 1,237.29	\$ 13,610.15
71199	SPV.0060.14	Signal Standard 3' Extension	Each	2	\$ 257.92	\$ 193.00	\$ 385.99
71700	SPV.0060.15	Signal Housing Relocated	Each	12	\$ -	\$ 161.89	\$ 1,942.65

LFA CONSTRUCTION COST \$ 108,925.16
 LFA EXCLUDED COST \$ 64,034.15
 STATE REVIEW COST (8%) \$ 8,714.01
TOTAL PROJECT COST \$ 117,639.17

APPROVED BY:



ROBERT W. BRYSON
 CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
 TRAFFIC AND LIGHTING DESIGN UNIT
 JOSEPH C. BLAKEMAN
 DATE: AUGUST 11, 2015

* 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.