

## PROJECT UNIT COST ANALYSIS

### ESTIMATE OF QUANTITIES

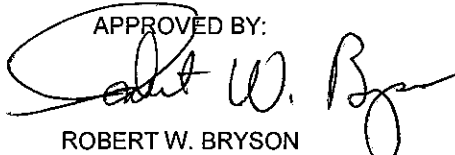
PROJECT ID 2265-12-90

S. 27TH ST. - A POINT NORTH OF W. KK RIVER PKWY. TO A POINT NORTH OF W. HOWARD AV.  
 STH 241  
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71036C	SPV.0060.001	30"x36" Blankout Overhead Sign	Each	3	\$ 8,130.42	\$ 3,006.53	\$ 9,019.60
71057	658.0215	Backplates Signal Face 3 Section 12-inch	Each	19	\$ 794.60	\$ 66.52	\$ 1,263.90
71060	658.0120	Traffic Signal Face 5-12 Inch Vertical	Each	2	\$ 1,127.46	\$ 1,008.32	\$ 2,016.64
71062	658.0110	Traffic Signal Face 3-12 Inch Vertical	Each	38	\$ 13,970.07	\$ 614.63	\$ 23,355.84
71064RL	SPV.0060.002	12" Red LED Module	Each	46	\$ 1,988.27	\$ 92.62	\$ 4,260.61
71064YL	SPV.0060.003	12" Yellow LED Module	Each	46	\$ 3,061.89	\$ 115.96	\$ 5,334.23
71064GL	SPV.0060.004	12" Green LED Module	Each	42	\$ 2,892.25	\$ 118.26	\$ 4,967.00
71064GAL	SPV.0060.005	12" Green Arrow LED Module	Each	24	\$ 1,251.99	\$ 101.57	\$ 2,437.56
71064YAL	SPV.0060.006	12" Yellow Arrow LED Module	Each	19	\$ 804.82	\$ 91.76	\$ 1,743.42
71064RAL	SPV.0060.007	12" Red Arrow LED Module	Each	6	\$ 259.88	\$ 92.71	\$ 556.27
71065	658.0500	Pedestrian Push Buttons	Each	28	\$ 1,136.10	\$ 139.37	\$ 3,902.43
71066LC	658.0412	Pedestrian Signal Face 12-Inch	Each	34	\$ 5,918.80	\$ 322.28	\$ 10,957.48
71067	SPV.0060.008	Pedestrian Countdown Signal Face 12-Inch	Each	34	\$ 5,877.60	\$ 321.07	\$ 10,916.28
71156	SPV.0090.001	Cable Traffic Signal Loop Lead-In	LF	40	\$ 14.57	\$ 2.83	\$ 113.37
71171	655.0260	Cable Traffic Signal 12-14 AWG	LF	165	\$ 154.53	\$ 3.41	\$ 562.07
71172	SPV.0090	Cable Traffic Signal 17-14 AWG	LF	880	\$ 1,209.27	\$ 3.84	\$ 3,382.82
71179	657.0625	Luminaire Arms Single Member 6-Inch Clamp 6-FT	Each	18	\$ 1,457.87	\$ 229.19	\$ 4,125.41
71190	SPV.0060.009	Mast Arm Fabricated	Each	12	\$ 829.86	\$ 1,560.42	\$ 18,725.08
71191	SPV.0060.010	Mast Arm Pole	Each	12	\$ 21,742.52	\$ 2,335.60	\$ 28,027.20
71196	SPV.0060.011	Signal Standard Fabricated	Each	1	\$ 614.69	\$ 1,059.30	\$ 1,059.30
71198	SPV.0060.012	Signal Standard 1' Extension	Each	4	\$ 228.37	\$ 106.49	\$ 425.97
71700	SPV.0060.013	Signal Housing Relocated	Each	20	\$ 342.00	\$ 313.49	\$ 6,269.86
73299	637.0202	Signs Reflective Type II	Sq Ft	75	\$ 532.19	\$ 13.80	\$ 1,034.91

TOTAL CITY COST \$ 144,457.25  
 TOTAL EXCLUDED COSTS \$ 74,340.02

APPROVED BY:



ROBERT W. BRYSON  
 CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION  
 TRAFFIC AND LIGHTING DESIGN UNIT

JOSEPH C. BLAKEMAN  
 REVISED: NOVEMBER 29, 2010

\* 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.