

PROJECT UNIT COST ANALYSIS

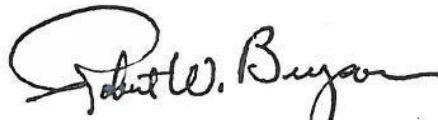
ESTIMATE OF QUANTITIES

PROJECT ID 1693-35-98
 INSTALL SEMI-ACTUATED OPERATION - 25 LOCAL INTERSECTIONS CITYWIDE
 LOCAL STREETS
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71030	204.0155	Removing Concrete Sidewalk	SY	7.5	\$ -	\$ 6.67	\$ 50.00
71032	602.0410	Concrete Sidewalk 5-Inch	SF	207	\$ 254.61	\$ 7.89	\$ 1,632.21
71040	SPV.0105.01	Vehicular Microwave Detection System	LS	4	\$ 37,800.00	\$ 11,817.55	\$ 47,270.19
71065	658.0500	Pedestrian Push Buttons	Each	102	\$ 3,231.36	\$ 139.80	\$ 14,259.50
71143	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	65	\$ 3.90	\$ 8.41	\$ 546.46
71144	652.0610	Conduit Special 2 1/2-Inch	LF	20	\$ 0.40	\$ 7.78	\$ 155.60
71145	652.0230	Conduit Rigid Nonmetallic Schedule 40 2 1/2-Inch	LF	20	\$ 0.80	\$ 8.39	\$ 167.71
71155	652.0900.S	Loop Detector Slots	LF	5,620	\$ 15,117.80	\$ 8.43	\$ 47,355.85
71156	SPV.0090.01	Cable Traffic Signal Loop Lead-In	LF	10,330	\$ 3,099.00	\$ 3.09	\$ 31,957.35
71170	655.0250	Cable Traffic Signal 9-14 AWG	LF	265	\$ 204.05	\$ 3.60	\$ 953.79
71188	SPV.0060.01	Polymer Concrete Vault 13"x24"x18"	Each	2	\$ 449.62	\$ 379.16	\$ 758.31
71194	SPV.0060.02	Traffic Pole 22' Aluminum	Each	1	\$ 322.73	\$ 618.46	\$ 618.46
71195	SPV.0060.03	Signal Standard 5'	Each	17	\$ 9,024.96	\$ 1,031.84	\$ 17,541.34
73296T	SPV.0060.04	Pushbutton Pipe Standard 2"x5'	Each	3	\$ 59.22	\$ 74.09	\$ 222.26

TOTAL CITY COST \$ 163,489.03
TOTAL EXCLUDED COSTS \$ 69,568.45

APPROVED BY:



ROBERT W. BRYSON
 CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
 TRAFFIC AND LIGHTING DESIGN UNIT
 JOSEPH C. BLAKEMAN
 REVISED: OCTOBER 17, 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.