

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID 3700-03-90
 INSTALL TRAFFIC SIGNAL FACE 12-INCH - 36 CON. HWY. INTERSECTIONS SOUTH SIDE
 VARIOUS HIGHWAYS
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71060	658.0175	Traffic Signal Face 5S 12-Inch	Each	5	\$ 2,084.05	\$ 674.09	\$ 3,370.45
71062	658.0173	Traffic Signal Face 3S 12-Inch	Each	194	\$ 48,957.84	\$ 483.91	\$ 93,877.86
71065	658.0500	Pedestrian Push Buttons	Each	5	\$ 160.00	\$ 150.58	\$ 752.89
71079	658.1120	Programmable Traffic Signal Face 5-12 Vertical	Each	1	\$ 3,144.08	\$ 4,181.68	\$ 4,181.68
71081	658.1110	Programmable Traffic Signal Face 3-12 Vertical	Each	3	\$ 5,668.92	\$ 2,512.69	\$ 7,538.07
71201	657.0100	Pedestal Base	Each	54	\$ 10,530.00	\$ 236.87	\$ 12,791.22
71205	657.0420	Traffic Signal Standards Aluminum 13-FT	Each	53	\$ 17,225.00	\$ 387.22	\$ 20,522.63
71206	657.0425	Traffic Signal Standards Aluminum 15-FT	Each	1	\$ 385.00	\$ 456.60	\$ 456.60
71700	SPV.0060.277	Signal Housing Relocated	Each	50	\$ -	\$ 340.70	\$ 17,035.06

LFA CONSTRUCTION COST \$ 160,526.46
LFA EXCLUDED COST \$ 88,154.89
STATE REVIEW COST (8%) \$ 12,842.12
TOTAL PROJECT COST \$ 173,368.58

APPROVED BY:



JOSEPH C. BLAKEMAN, PE
 TRAFFIC ENGINEER

TRANSPORTATION SECTION
 TRAFFIC AND LIGHTING DESIGN UNIT
 REVISED: DECEMBER 19, 2019

* 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.