

## PROJECT UNIT COST ANALYSIS

### ESTIMATE OF QUANTITIES

PROJECT ID 3700-06-72  
 INSTALL TRAFFIC SIGNAL FACE 12-INCH - 34 CONNECTING HIGHWAY INTERSECTIONS  
 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	2	\$ 990.42	\$ 815.21	\$ 1,630.42
71062	658.0173	Traffic Signal Face 3S 12-Inch	Each	147	\$ 46,359.39	\$ 606.31	\$ 89,127.57
71081	658.1133	Programmable Traffic Signal Face 3-12 Vertical	Each	1	\$ 1,889.64	\$ 2,604.29	\$ 2,604.29
71201	657.0100	Pedestal Base	Each	38	\$ 7,410.00	\$ 240.65	\$ 9,144.70
71205	657.0420	Traffic Signal Standards Aluminum 13-FT	Each	36	\$ 9,576.00	\$ 323.12	\$ 11,632.32
71206	657.0425	Traffic Signal Standards Aluminum 15-FT	Each	2	\$ 638.40	\$ 384.92	\$ 769.84
71700	SPV.0060.277	Signal Housing Relocated	Each	44	\$ -	\$ 424.10	\$ 18,660.40

**LFA CONSTRUCTION COST \$ 133,569.54**  
**LFA EXCLUDED COST \$ 66,863.85**

APPROVED BY:

SCOTT C. REINBACHER, P.E.  
 TRAFFIC ENGINEER SENIOR

TRANSPORTATION SECTION  
 TRAFFIC AND LIGHTING DESIGN UNIT  
 REVISED: APRIL 19, 2023 (FINAL)

\* 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.