

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES
 PROJECT ID 2984-22-06
 ATC CONTROLLER & COMM GR 8 - 42 INTERSECTIONS
 VARIOUS HIGHWAYS
 MILWAUKEE COUNTY

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
71032B	SPV.0060.221	EVP Phase Selector Card 4 Channel	Each	17	\$ 47,515.00	\$ 3,269.83	\$ 55,587.19
71052	SPV.0060.205	ATC Controller and Cabinet Installed	Each	34	\$ 397,855.42	\$ 14,598.84	\$ 496,360.40
71101	678.0200	Fiber Optic Splice Enclosure	Each	14	\$ 5,250.00	\$ 576.97	\$ 8,077.53
71102	678.0300	Fiber Optic Splice	Each	14	\$ -	\$ 94.72	\$ 1,326.01
71103	SPV.0060.212	Fiber Optic Patch Panel	Each	14	\$ 9,211.30	\$ 1,035.85	\$ 14,501.84
71104	SPV.0060.213	Ethernet Switch	Each	41	\$ 55,951.88	\$ 1,856.78	\$ 76,128.11
71105	SPV.0060.214	Fiber Optic Patch Cords	Each	14	\$ 811.30	\$ 81.45	\$ 1,140.31
71109	SPV.0060.209	Cellular Modem	Each	27	\$ 19,936.80	\$ 1,140.46	\$ 30,792.34

LFA CONSTRUCTION COST \$ 683,913.73
LFA EXCLUDED COST \$ 536,531.70
STATE REVIEW COST (8%) \$ 54,713.10
TOTAL PROJECT COST \$ 738,626.83

APPROVED BY:

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

TRANSPORTATION SECTION
 TRAFFIC AND LIGHTING DESIGN UNIT
 REVISED: FEBRUARY 2, 2023

* 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

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worksheets.