

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID
1060-36-92

S. 84th St. from W. Adler St to W. Honey Creek Pkwy., relocation of W. Kearney St. from S. 84th St. to S. 76th St. , W. Kearney St. from S. 76th St. to S 71st St. ,
W. O,Conner St., from S. 78th St. to S. 71st St. and S. 76th St. from W. O'Conner St. to W. Kearney St.
Zoo Interchange Phase 1, construction
MILWAUKEE COUNTY

Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
90005-2	2.5" PVC CONDUIT (HOLE HOG)	LF	245	\$ 344.80	\$ 11.87	\$ 2,908.15
90005-3	2.5" PVC CONDUIT (BASE IS REMOVED)	LF	430	\$ 324.67	\$ 3.28	\$ 1,410.40
90005-7	METAL PEDESTAL CABINET	EACH	39	\$ 1,925.04	\$ 122.34	\$ 4,771.26
90005-10	3#2/1#8 LTP UNDERGROUND CABLE	LF	3790	\$ 15,734.19	\$ 6.36	\$ 24,104.40
90005-11	3#4/1#8 LTP UNDERGROUND CABLE	LF	695	\$ 1,936.88	\$ 4.99	\$ 3,468.05
90005-12	3#6/1#8 LTP UNDERGROUND CABLE	LF	1460	\$ 2,777.79	\$ 4.11	\$ 6,000.60
90005-13	3#8/1#8 LTP UNDERGROUND CABLE	LF	675	\$ 893.70	\$ 3.53	\$ 2,382.75
90005-19	2#2/1#4 ALUMINUM TRIPLEX WIRE OVERHEAD WIRE	LF	780	\$ 341.48	\$ 1.41	\$ 1,099.80
90005-21	3#6 ALUMINUM TRIPLEX WIRE OVERHEAD WIRE	LF	1550	\$ 1,086.38	\$ 1.67	\$ 2,588.50
90005-23	REMOVE OVERHEAD LINE WIRE	LF	1156	\$ 76.41	\$ 1.04	\$ 1,202.24
90005-24	INSTALL WOOD POLE (35',40', & 45) WITH GROUND ROD & BARE #6 WIRE	EACH	16	\$ 733.49	\$ 537.83	\$ 8,605.28
90005-25	INSTALL A21 CONCRETE POLE (GRAY) INCLUDES RISER CABLE	EACH	6	\$ 4,651.40	\$ 1,038.37	\$ 6,230.22
90005-26	INSTALL A26 CONCRETE POLE (GRAY) INCLUDES RISER CABLE	EACH	28	\$ 21,752.06	\$ 1,039.99	\$ 29,119.72
90005-27	INSTALL A31 CONCRETE POLE (GRAY) INCLUDES RISER CABLE	EACH	2	\$ 1,806.69	\$ 1,166.49	\$ 2,332.98
90005-47	REMOVE CONCRETE, WOOD, AND ALUMINUM POLE	EACH	63	\$ 1,063.76	\$ 379.24	\$ 23,892.12
90005-53	INSTALL 6'-0" 2" AL. MITCHELL UPSWEEP BRACKET	EACH	48	\$ 2,628.85	\$ 103.42	\$ 4,964.16
90005-55	INSTALL A31 MOUNTING CLAMP SINGLE BRACKET	EACH	8	\$ 286.93	\$ 60.19	\$ 481.52
90005-56	INSTALL A31 MOUNTING CLAMP DOUBLE BRACKET	EACH	4	\$ 227.00	\$ 81.08	\$ 324.32
90005-57	INSTALL A21-A26 MOUNTING CLAMP SINGLE BRACKET	EACH	21	\$ 1,003.54	\$ 72.11	\$ 1,514.31
90005-58	INSTALL A21-A26 MOUNTING CLAMP DOUBLE BRACKET	EACH	1	\$ 54.88	\$ 79.22	\$ 79.22
90005-71	INSTALL 100W/240V SLIPFIT FIXTURE, TYPE 2 OPTICS, & 100 WATT HIGH PRESSURE SODIUM LAMP	EACH	6	\$ 740.32	\$ 196.36	\$ 1,178.16
90005-75	INSTALL 150W/240V COBRA FIXTURE & 150 WATT HIGH PRESSURE SODIUM LAMP	EACH	25	\$ 2,867.66	\$ 187.68	\$ 4,692.00
90005-76	INSTALL 250W/240V COBRA FIXTURE & 250 WATT HIGH PRESSURE SODIUM LAMP	EACH	25	\$ 3,143.31	\$ 198.71	\$ 4,967.75
90005-88	INSTALL 250W/240V SHARP CUT-OFF FIXTURE & 250 WATT HIGH PRESSURE SODIUM LAMP	EACH	2	\$ 790.64	\$ 541.27	\$ 1,082.54
90005-99	SECONDARY SPLICE	EACH	99	\$ 334.13	\$ 116.32	\$ 11,515.68
90005-103	HAND HOLE OR PEDESTAL SPLICE	EACH	103	\$ 208.58	\$ 69.79	\$ 7,188.37
90005-108	INSTALLATION OF PRIMARY / SECONDARY RISER	EACH	6	\$ 868.51	\$ 242.05	\$ 1,452.30
90005-109	REMOVAL OF PRIMARY / SECONDARY RISER	EACH	5	\$ 33.05	\$ 103.91	\$ 519.55
90005-117	200 AMP 240/480 VOLT PAD MOUNT SERVICE CABINET	LS	1	\$ 3,113.60	\$ 3,781.81	\$ 3,781.81
90005-127	200 AMP 240/480 VOLT POLE MOUNT SERVICE CABINET	LS	1	\$ 3,445.87	\$ 4,088.52	\$ 4,088.52
	WE ENERGIES SERVICE SOUTH HONEY CREEK PARKWAY AT WEST DIXON STREET	EACH	1			\$ 2,164.04
	WE ENERGIES SERVICE SOUTH 76TH STREET, SOUTH OF WEST KEARNEY STREET	EACH	1			\$ 2,163.96

TOTAL CITY COST \$172,274.68

TOTAL EXCLUDED COSTS \$71,749.74

APPROVED BY:



ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT

REVISED: 3-27-13

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.

Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
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