

PROJECT UNIT COST ANALYSIS

ESTIMATE OF QUANTITIES

PROJECT ID

1060-36-91

North Glenview Ave, West Hill Street to West Bluemound Road, West Bluemound Road , North Glenview Avenue to North Honey Creek Drive and West Dana Street at South 84th Street
MILWAUKEE COUNTY

Item No.	Description	Unit	Quantity	Excluded Costs	City Unit	City Total
90005-2	2.5" PVC CONDUIT (HOLE HOG)	LF	25	\$ 34.57	\$ 11.57	\$ 289.25
90005-7	METAL PEDESTAL CABINET	EACH	16	\$ 588.28	\$ 110.40	\$ 1,766.40
90005-10	3#2/1#8 LTP UNDERGROUND CABLE	LF	125	\$ 507.56	\$ 6.28	\$ 785.00
90005-11	3#4/1#8 LTP UNDERGROUND CABLE	LF	1580	\$ 4,618.73	\$ 5.15	\$ 8,137.00
90005-12	3#6/1#8 LTP UNDERGROUND CABLE	LF	680	\$ 1,316.88	\$ 4.16	\$ 2,828.80
90005-13	3#8/1#8 LTP UNDERGROUND CABLE	LF	275	\$ 358.33	\$ 3.53	\$ 970.75
90005-21	3#6 ALUMINUM TRIPLEX WIRE OVERHEAD WIRE	LF	3165	\$ 2,408.31	\$ 1.74	\$ 5,507.10
90005-23	REMOVE OVERHEAD LINE WIRE	LF	3165	\$ 209.21	\$ 1.05	\$ 3,323.25
90005-24	INSTALL WOOD POLE (35',40', & 45) WITH GROUND ROD & BARE #6 WIRE	EACH	18	\$ 841.84	\$ 543.20	\$ 9,777.60
90005-25	INSTALL A21 CONCRETE POLE (GRAY) INCLUDES RISER CABLE	EACH	1	\$ 719.23	\$ 984.77	\$ 984.77
90005-28	INSTALL A31 CONCRETE POLE (BLACK) INCLUDES RISER CABLE	EACH	13	\$ 18,465.22	\$ 1,685.91	\$ 21,916.83
90005-47	REMOVE CONCRETE, WOOD, AND ALUMINUM POLE	EACH	33	\$ 557.21	\$ 382.51	\$ 12,622.83
90005-52	INSTALL 6'-0" UPSWEEP BRACKET (WOOD POLE MOUNTING)	EACH	17	\$ 1,584.33	\$ 166.83	\$ 2,836.11
90005-53	INSTALL 6'-0" 2" AL. MITCHELL UPSWEEP BRACKET	EACH	22	\$ 1,092.84	\$ 98.76	\$ 2,172.72
90005-55	INSTALL A31 MOUNTING CLAMP SINGLE BRACKET	EACH	6	\$ 168.94	\$ 52.70	\$ 316.20
90005-56	INSTALL A31 MOUNTING CLAMP DOUBLE BRACKET	EACH	11	\$ 541.84	\$ 73.80	\$ 811.80
90005-57	INSTALL A21-A26 MOUNTING CLAMP SINGLE BRACKET	EACH	1	\$ 35.58	\$ 60.14	\$ 60.14
90005-71	INSTALL 100W/240V SLIPFIT FIXTURE, TYPE 2 OPTICS, & 100 WATT HIGH PRESSURE SODIUM LAMP	EACH	1	\$ 126.10	\$ 199.74	\$ 199.74
90005-75	INSTALL 150W/240V COBRA FIXTURE & 150 WATT HIGH PRESSURE SODIUM LAMP	EACH	20	\$ 2,289.98	\$ 188.13	\$ 3,762.60
90005-76	INSTALL 250W/240V COBRA FIXTURE & 250 WATT HIGH PRESSURE SODIUM LAMP	EACH	18	\$ 2,291.18	\$ 200.92	\$ 3,616.56
90005-99	SECONDARY SPLICE	EACH	99	\$ 334.13	\$ 117.34	\$ 11,616.66
90005-103	HAND HOLE OR PEDESTAL SPLICE	EACH	21	\$ 42.53	\$ 70.40	\$ 1,478.40
90005-108	INSTALLATION OF PRIMARY / SECONDARY RISER	EACH	2	\$ 142.11	\$ 169.24	\$ 338.48
90005-109	REMOVAL OF PRIMARY / SECONDARY RISER	EACH	2	\$ 13.22	\$ 104.79	\$ 209.58
90005-110	BREAK OUT CONCRETE WALK	SQ.YD.	1	\$ 103.59	\$ 96.75	\$ 96.75
90005-111	SAW CUT CONCRETE	LIN.FT.	9	\$ 11.51	\$ 9.96	\$ 89.64
90005-112	CONCRETE RESTORATION (5" DEPTH)	SQ.FT.	50	\$ 93.48	\$ 23.50	\$ 1,175.00

TOTAL CITY COST \$97,689.96

TOTAL EXCLUDED COSTS \$39,496.73

APPROVED BY:



ROBERT W. BRYSON
CHIEF TRAFFIC AND LIGHTING ENGINEER

TRANSPORTATION SECTION
TRAFFIC AND LIGHTING DESIGN UNIT

Thomas Manzke

REVISED: September 26, 2012

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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* These items are unique and have no comparable standard bid item equivalent. Therefore, they are not included in the comparison to bid cost.