

STATE ITEM	CITY ITEM	DESCRIPTION	QUANTITY	MATERIAL COST	MATERIAL QUANTITY COST	EQUIPMENT SERVICES COST	EQUIP. SERVICES QUANTITY COST	LABOR COST	LABOR QUANTITY COST	LABOR QUANTITY COST	TOTAL COST
90005B	51	EXISTING LIGHTING UNIT "P" STYLE CONC. POLE, REMOVAL OF 6' BRACKET, AND 250WATT/240 VOLT HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/240 VOLT HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	3	945.12 \$	2,835.36 \$	14.13 \$	42.39 \$	244.10 \$	732.30 \$	3,610.05 \$	
90005G	3	EXISTING LIGHTING UNIT A26 STYLE CONC. POLE, REMOVAL OF 6' BRACKET, A26 CLAMP, AND 150WATT/240 VOLT HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION OF A26 STYLE LANTERN CLAMP, 150WATT/240 VOLT HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 150 WATT HIGH PRESSURE SODIUM LAMP.	1	1,074.36 \$	1,074.36 \$	14.13 \$	14.13 \$	244.10 \$	244.10 \$	1,332.59 \$	
90005K	31 27	EXISTING LIGHTING UNIT A31 STYLE CONC. POLE, REMOVAL OF 6' BRACKET, A31 CLAMP, AND 250WATT/240 VOLT HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION OF A31 STYLE LANTERN CLAMP, 150WATT/240 VOLT HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	8	1,061.19 \$	8,489.52 \$	14.13 \$	113.04 \$	244.10 \$	1,962.80 \$	10,565.36 \$	
90005R	64A	EXISTING LIGHTING UNIT WOOD POLE, REMOVAL OF 6' BRACKET, AND 250WATT/240 VOLT HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/240 VOLT HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	1	945.12 \$	945.12 \$	14.13 \$	14.13 \$	244.10 \$	244.10 \$	1,203.35 \$	
90005AM	AT31 AT31R	EXISTING LIGHTING UNIT AT31 CONCRETE POLE, REMOVAL OF 6' BRACKET, AND 250WATT/240 VOLT HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/240 VOLT HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	2	945.12 \$	1,890.24 \$	14.13 \$	28.26 \$	244.10 \$	488.20 \$	2,406.70 \$	
90005AR	52	EXISTING LIGHTING UNIT "P" STYLE CONC. POLE, REMOVAL OF 6' BRACKET, AND 250WATT/NO BALLAST HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/NO BALLAST HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	1	731.70 \$	731.70 \$	17.00 \$	17.00 \$	244.10 \$	244.10 \$	992.80 \$	
90005AX	11	EXISTING LIGHTING UNIT A26 STYLE CONC. POLE, REMOVAL OF 6' BRACKET, A26 CLAMP, AND 250WATT/NO BALLAST HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION OF A26 STYLE LANTERN CLAMP, 250WATT/NO BALLAST HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	1	851.13 \$	851.13 \$	17.00 \$	17.00 \$	244.10 \$	244.10 \$	1,112.23 \$	
90005AZ	31 27	EXISTING LIGHTING UNIT A31 STYLE CONC. POLE, REMOVAL OF 6' BRACKET, A31 CLAMP, AND 250WATT/NO BALLAST HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION OF A31 STYLE LANTERN CLAMP, 250WATT/NO BALLAST HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	27	847.77 \$	22,889.79 \$	17.00 \$	459.00 \$	225.32 \$	6,083.64 \$	29,432.43 \$	
90005BF	64A 64B	EXISTING LIGHTING UNIT WOOD POLE, REMOVAL OF 6' BRACKET, AND 250WATT/NO BALLAST HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/NO BALLAST HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	6	731.70 \$	4,390.20 \$	17.00 \$	102.00 \$	244.10 \$	1,464.60 \$	5,956.80 \$	
90005AP	AT33R	EXISTING LIGHTING UNIT A31 STYLE CONC. POLE, REMOVAL OF 6' BRACKET, A31 CLAMP, AND 250WATT/NO BALLAST HIGH PRESSURE SODIUM COBRA STYLE FIXTURE. THE INSTALLATION 250WATT/NO BALLAST HIGH PRESSURE SODIUM MILWAUKEE LANTERN BRACKET, AND MILWAUKEE LANTERN WITH 250 WATT HIGH PRESSURE SODIUM LAMP.	1	1,890.25 \$	1,890.25 \$	27.21 \$	27.21 \$	431.86 \$	431.86 \$	2,349.32 \$	
90005EB	81A	INSTALL H15 CONCRETE POLE AND 70W/240V MILWAUKEE HARP FIXTURE WITH 70 WATT HIGH PRESSURE SODIUM LAMP.	9	1,195.50 \$	10,759.50 \$	21.19 \$	180.71 \$	370.31 \$	3,352.79 \$	14,283.00 \$	
90005GH	81A	INSTALL H15 CONCRETE POLE AND 70WATT SERIES SODIUM TRANSFORMER, 55 VOLT IGNITOR, MILWAUKEE HARP FIXTURE WITH 70 WATT HIGH PRESSURE SODIUM LAMP. (INCLUDES RISER CABLE)	24	1,406.40 \$	33,753.60 \$	23.66 \$	567.84 \$	465.79 \$	11,888.96 \$	46,220.40 \$	
90005GQ	Z	INSTALL RECTANGULAR VAULT	1	124.13 \$	124.13 \$	2.08 \$	2.08 \$	106.58 \$	106.58 \$	232.79 \$	
90005GA	L	INSTALL 3/4"X1/2" LTP UNDERGROUND CABLE	650	1.82 \$	1,183.00 \$	0.03 \$	19.50 \$	1.74 \$	1,131.00 \$	2,333.50 \$	
90005GB	K	INSTALL 3/4"X1/2" LTP UNDERGROUND CABLE	565	1.49 \$	841.85 \$	0.03 \$	16.85 \$	1.74 \$	963.10 \$	1,841.80 \$	
90005GC	J	INSTALL 3/4"X1/2" LTP UNDERGROUND CABLE	180	0.95 \$	180.50 \$	0.03 \$	5.70 \$	1.74 \$	330.60 \$	516.80 \$	
90005GD	I	INSTALL 3/4"X1/2" LTP UNDERGROUND CABLE	1002	0.85 \$	851.30 \$	0.03 \$	30.06 \$	1.74 \$	1,743.48 \$	2,424.84 \$	
90005GE	F	INSTALL 3/4"X1/2" UF UNDERGROUND CABLE	30	0.24 \$	7.20 \$	0.03 \$	0.90 \$	1.74 \$	52.20 \$	60.30 \$	
90005GF	E	INSTALL 3/4"X1/2" UF UNDERGROUND CABLE	348	0.24 \$	83.52 \$	0.03 \$	10.44 \$	1.74 \$	605.52 \$	690.48 \$	
90005GU	A	INSTALL 1/2" FS UNDERGROUND CABLE	6609	1.44 \$	9,516.96 \$	0.03 \$	188.27 \$	1.74 \$	11,499.66 \$	21,214.89 \$	
90005GV	V	INSTALL 2" PVC CONDUIT (HOG/DIRECTIONAL BORE)	543	0.45 \$	244.35 \$	0.19 \$	103.17 \$	5.33 \$	2,894.19 \$	3,241.71 \$	
90005GT	V2	INSTALL 2" PVC CONDUIT (HOG/DIRECTIONAL BORE)	5199	0.71 \$	3,691.29 \$	0.22 \$	1,143.78 \$	2.68 \$	13,933.32 \$	18,768.99 \$	
90005EQ	79	REMOVE WOOD, CONCRETE, STEEL OR ALUMINUM POLE COMPLETE.	11			16.04 \$	176.44 \$	282.91 \$	3,112.01 \$	3,288.45 \$	
90005OS	E.F.G.N.O.Q	REMOVE OVERHEAD LINE WIRES	9133			0.05 \$	456.65 \$	0.75 \$	6,849.75 \$	7,306.40 \$	
90005ER		REMOVE PRIMARY OR SECONDARY RISER	21			\$5.23	\$109.83	\$75.11	\$1,517.31	\$1,687.14	

MATERIAL QUANTITY COST	\$ 107,024.97
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EQUIP. SERVICES QUANTITY COST	\$ 3,868.48
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LABOR QUANTITY COST	\$ 72,180.27
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OVERALL TOTAL COST	\$ 183,071.82
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ESTIMATED TOTAL PROJECT COST FOR 2006 \$ 183,071.82

December 11, 2006

APPROVED BY:

*Robert W. Bryson*  
ROBERT W. BRYSON  
TRAFFIC & LIGHTING ENGINEER

EQUIP. SERVICES QUANTITY COST	\$ 3,868.48
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PLUS

LABOR QUANTITY COST	\$ 72,180.27
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EQUALS

EQUIP./LABOR QUANTITY COST	\$ 76,048.75
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TRANSPORTATION SECTION  
TRAFFIC & LIGHTING DESIGN UNIT