



LIGHTING CONTROLLER "A"
240/120V, 1 PH, 3 W
AND GROUND

NOTES:
1. FOR SYMBOL LIST AND GENERAL ELECTRICAL NOTES, SEE SHEET LT-01.

LIGHTING CONTROLLER "A" SINGLE LINE DIAGRAM
NOT TO SCALE

PANEL SCHEDULE AND LOAD TABULATION
LIGHTING CONTROLLER "A"
240/120VAC, 1-PHASE, 3-WIRE
MAIN BREAKER: 200A

CIRCUIT	BREAKER TRIP AMPS	AMPS	
		RED	BLACK
A	40-2P	4.6	4.6
B	40-2P	4.6	4.6
C	40-2P	4.6	4.6
D	40-2P	4.6	4.6
E	40-2P	5.5	5.5
F	40-2P	5.5	5.5
G	40-2P	5.5	5.5
H	40-2P	5.5	5.5
TOTAL		80.8	

IL 59 LIGHTING
BILL OF MATERIAL

DESIGNATION	UNIT OF MEASURE	QTY.
ELECTRIC SERVICE INSTALLATION	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1948
UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	8935
UNIT DUCT, 600V, 8-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	2024
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	52
LIGHTING CONTROLLER, SPECIAL	EACH	1
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 12 FT. MAST ARM	EACH	22
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-12 FT. MAST ARM	EACH	11
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	261
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	29
PHOTOCELL	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	52
UNIT DUCT, 600V, 4-1C NO.4, 3-1C NO.10, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	135
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12

SIDE STREETS LIGHTING BILL OF MATERIAL

BROOKDALE RD

DESIGNATION	UNIT OF MEASURE	QTY.
NEW		
RELOC		
UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	800
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	27
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	3
REMOVAL OF POLE FOUNDATION	EACH	3
LIGHTING UNIT, INSTALL ONLY	EACH	3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	176

DIEHL RD

DESIGNATION	UNIT OF MEASURE	QTY.
NEW		
RELOC		
UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	3911
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	234
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	20
REMOVAL OF POLE FOUNDATION	EACH	20
LIGHTING UNIT, INSTALL ONLY	EACH	26
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	652

INTERSECTIONS LIGHTING BILL OF MATERIAL
BROOKDALE RD/BRUCE LN @ IL 59

DESIGNATION	UNIT OF MEASURE	QTY.
UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	206
UNIT DUCT, 600V, 4-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	187
COMBINATION LIGHTING CONTROLLER	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	263
ELECTRIC SERVICE DISCONNECT, LIGHTING AND TRAFFIC SIGNAL	EACH	1

GOWDEY DR., PAXTON DR., LASALLE ST., MCDOWELL RD.

DESIGNATION	UNIT OF MEASURE	QTY.
NEW		
RELOC		
UNIT DUCT, 600V, 4-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1020
LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	45
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	5
REMOVAL OF POLE FOUNDATION	EACH	5
LIGHTING UNIT, INSTALL ONLY	EACH	5
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	228