



**LOAD TABULATION**

EXISTING CONTROLLER AT IL RTE 83 (CONTROLLER - DO)				
CIRCUIT		NO. OF LIGHTS	WATTAGE	AMPS
A	RED	4	1,600	7.3
B	BLACK	6	2,400	11.0
C	RED	7	2,800	12.8
D	BLACK	7	2,800	12.8
E	RED	3	1,200	5.5
F	BLACK	3	1,200	5.5
G	RED	4	1,600	7.3
H	BLACK	5	2,000	9.2
<b>TOTAL</b>		<b>39</b>	<b>15,600</b>	<b>71.4</b>

- LEGEND**
- E— EXISTING CABLE
  - PROPOSED CABLE
  - ◻ PROPOSED CONTROLLER
  - ◻ EXISTING CONTROLLER
  - ◻ PROPOSED SERVICE CONNECTION
  - ◻ EXISTING SERVICE CONNECTION
  - XXXX  
XX+XX LIGHT POLE CIRCUIT STATION
  - "E" ○ EXISTING LUMINAIRE
  - LUMINAIRE, HPS, 400W, ON RED WIRE
  - LUMINAIRE, HPS, 400W, ON BLACK WIRE

**LOAD TABULATION**

PROPOSED CONTROLLER AT IL RTE 56 (CONTROLLER - DP)				
CIRCUIT		NO. OF LIGHTS	WATTAGE	AMPS
A	RED	4	1,600	7.3
B	BLACK	4	1,600	7.3
C	RED	2	800	3.7
D	BLACK	4	1,600	7.3
E	RED	3	1,200	5.5
F	BLACK	5	2,000	9.2
G	RED	-	-	-
H	BLACK	-	-	-
<b>TOTAL</b>		<b>22</b>	<b>8,800</b>	<b>40.3</b>

**SCHEDULE OF QUANTITIES**

QUANTITY	UNIT	ITEM
1	EACH	ELECTRIC SERVICE INSTALLATION
1	L SUM	ELECTRIC UTILITY SERVICE CONNECTION
52	FOOT	CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL
783	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
1	EACH	HANDHOLE
5,865	FOOT	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE
100	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C NO. 3/0
1000	FOOT	AERIAL CABLE 3-1/C NO. 6 WITH MESSANGER WIRE
4,877	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
31	EACH	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM
2	EACH	LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 2-15 FT. MAST ARMS
219	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER
14	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET
33	EACH	BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE
10	EACH	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE
10	EACH	REMOVAL OF POLE FOUNDATION, CONCRETE
19	CAL MO	MAINTENANCE OF LIGHTING SYSTEM
1	EACH	LIGHTING CONTROLLER, SINGLE DOOR, CONSOLE TYPE
41	EACH	LUMINAIRE SAFETY CABLE ASSEMBLY
41	EACH	LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400 WATT, 240 VOLT
33	EACH	GROUND ROD, 5/8" DIA. X 10 FT.
5	EACH	TEMPORARY WOOD POLE, 60 FT, CLASS 4, 15' MAST ARM
5	EACH	TEMPORARY LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNTED, 400 WATT
1	EACH	TEMPORARY WOOD POLE, 45 FT, CLASS 4

NOTE:  
IL ROUTE 56 INTERSECTION COMBINATION MAST ARM & POLE LOCATION AND QUANTITY IS SHOWN ON TRAFFIC SIGNAL PLANS. THE LUMINAIRE AND UNIT DUCT QUANTITIES FOR ABOVE INTERSECTION IS INCLUDED IN ROADWAY LIGHTING QUANTITY.

