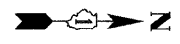


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	00-00242-00-CH	COOK	129	93
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		



LEGEND

- EXISTING CABLE
- PROPOSED CABLE
- ☒ PROPOSED CONTROLLER
- ☐ EXISTING SERVICE INSTALLATION
- XX-XX
XX+XX LIGHT POLE CIRCUIT STATION
- "E" ○ EXISTING LUMINAIRE ON RED WIRE
- "E" ● EXISTING LUMINAIRE ON BLACK WIRE
- LUMINAIRE, HPS, 400W, ON RED WIRE
- LUMINAIRE, HPS, 400W, ON BLACK WIRE

LOAD TABULATION

CIRCUIT NO.	NO. OF LIGHTS	CONTROLLER SG	
		VOLTS	AMPS
A	1	240	2
B	1	240	2
C	5	240	10
D	2	240	4
E	2	240	4
F	7	240	14
G	5	240	10
H	2	240	4
I	2	240	4
J	7	240	14
K	1	240	2
L	1	240	2
TOTAL	35		72

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1205	FOOT	CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL
16	EACH	GROUND ROD, 5/8" DIA. X 10 FT.
4158	FOOT	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE
937	FOOT	UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.8 GROUND, (EPR-TYPE RHW), 1" DIA. POLYETHYLENE
20	FOOT	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2
2889	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
16	EACH	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM
1	EACH	HANDHOLE
128	FOOT	LIGHT POLE FOUNDATION, 24" DIAMETER
18	EACH	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE
19	EACH	LIGHTING FOUNDATION REMOVAL
1	EACH	RELOCATE EXISTING LIGHTING UNIT
1	EACH	REMOVAL OF LIGHTING CONTROLLER
16	EACH	LUMINAIRE, STREET LIGHTING, HIGH PRESSURE SODIUM VAPOR, 400 WATT, 240 VOLT
4595	FOOT	AERIAL CABLE, 2-1/C NO. 4 WITH MESSENGER WIRE
16	EACH	LIGHT POLE, WOOD, 55 FOOT, CLASS 3, WITH 15FT MAST ARM
12	EACH	LIGHT POLE, WOOD, 55 FOOT, CLASS 3
1	EACH	MAINTENANCE OF LIGHTING SYSTEM
28	EACH	LUMINAIRE SAFETY CABLE ASSEMBLY
16	EACH	TEMPORARY LUMINAIRE, HIGH PRESSURE SODIUM VAPOR, 400 WATT
2	EACH	COMBINATION POLE LIGHTING CONTROLLER
1	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1	EACH	TEMPORARY LIGHTING CONTROLLER
1	EACH	LIGHTING CONTROLLER, PAD MOUNTED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

WIRING DIAGRAM
SCHEDULE OF QUANTITIES

NOT TO SCALE

DATE 11-14-08

DRAWN BY SRS

CHECKED BY KMM

PLOT DATE = 11/14/2008
 PLOT TIME = 11:55:00
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = BUSER09

