



NOTE:
 1. ELECTRICAL CONTRACTOR SHALL PROVIDE 3-1C NO. 6 AND 1/C NO. 8 GROUND (XLP-TYPE USE) THROUGH END POST OF BRIDGE ON NORTH SIDE, UP TO TOP CHORD, THROUGH TOP CHORD TO SOUTH SIDE, AND DOWN END POST FOR POWER TO SOUTH SIDE LIGHT FIXTURE. REFER TO BRIDGE MANUFACTURER DRAWINGS FOR ADDITIONAL DETAILS. THE BRIDGE CHORDS AND END POSTS SHALL SERVE AS THE CONDUIT.

LEGEND

- INSTALL EXISTING LIGHT POLE WITH LUMINAIRE 30.0 M.H., 250 WATT
- UNIT DUCT 600V, 3-1C NO. 6, 1/C NO. 8, GROUND (XLP-TYPE USE) 1" DIA. POLYETHYLENE
- CONDUIT IN TRENCH 2" DIA., GALVANIZED STEEL
- ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 6, 1/C NO. 8 GROUND

LOAD TABLE

CIRCUIT	RED PHASE LOAD (WATTS)	BLACK PHASE LOAD (WATTS)
A	280	
B		280
TOTALS	280	280

1170 SOUTH HUBBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
GRAND ENGINEERS

FILE NAME =	USER NAME = vanessaf	DESIGNED - VLF	REVISED -
S:\JOL\6500-6599\6500\004\Micros\Sheet\DI650004-LPI.dgn		DRAWN - KAS	REVISED -
PLOT SCALE = 20,0000' / IN.		CHECKED - JAR	REVISED -
PLOT DATE = 5/22/2009		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LIGHTING PLANS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00069-00-BR	COOK	26	14
CONTRACT NO. 63217				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				