

CIRCUIT DIAGRAM

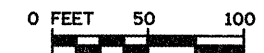
NOTES:

1. POLE HEIGHT SHALL BE INCREASED AS NECESSARY TO MAINTAIN REQUIRED CLEARANCE OF AERIAL CABLE OVER ROADWAY.
2. GUYS AND ANCHORS ARE SHOWN AS AN EXAMPLE AND SHALL BE INSTALLED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
3. TEMPORARY WOOD POLES SHALL BE INSTALLED 5 FEET BEHIND GUARDRAIL. POLES NOT PROTECTED BY GUARDRAIL SHALL BE SET BACK A MINIMUM OF 30 FT FROM EXISTING EDGE OF PAVEMENT AND OUTSIDE CLEAR ZONE.

LEGEND:

- TEMPORARY LIGHTING UNIT, 55 FT WOOD POLE, CLASS 3, WITH 250 HPS MULTI-MOUNT LUMINAIRE
- AERIAL CABLE, 2-1C NO.4 ALUMINUM WITH MESSENGER WIRE
- ELECTRIC CABLE IN TRENCH, TRIPLEX 2-1C NO. 4/0 AND NO. 2/0 GROUND, STRANDED ALUMINUM
- DISCONNECT SWITCH, NONFUSED, 30 AMP, 240V, 2P
- EXISTING LIGHTING CONTROLLER, 100A, 240V
- CONDUIT PUSHED, 2 1/2" DIA. PVC SCH. 80

QUANTITIES			
CODE	ITEM DESCRIPTION	UNIT	QUANTITY
X8410102	TEMPORARY LIGHTING SYSTEM	L SUM	1
X8410118	MAINTENANCE OF TEMPORARY LIGHTING SYSTEM	L SUM	1



FILE NAME = D468874-topo.dgn	USER NAME = johnsonv	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 1/8" = 100'	CHECKED -	REVISED -
	PLOT DATE = 8/25/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY ROADWAY
LIGHTING

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	72[GVB]BYJ	PEORIA	133	29
CONTRACT NO. 68874				
ILLINOIS FED. AID PROJECT				