



**LEGENDS**

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| <p>(A) 3-1/2 NO. 4 AND 1/2 NO. 6 GND IN 1 1/4" DIA. UNIT DUCT</p> <p>(B) 3-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC</p> <p>(C) 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC</p> <p>(D) 3-1/2 NO. 4 AND 1/2 NO. 6 GND. 1 1/4" UNIT DUCT IN 2 1/2" PVCC RGC ATTACHED TO PIER</p> | <p>PIER 1</p> <p>PIER 3</p> <p>SB IL ROUTE 31</p> <p>NB IL ROUTE 31</p> <p>WB US ROUTE 30</p> <p>EB US ROUTE 30</p> <p>BRIDGE STRUCTURE NO. 045-0039</p> | <p>JB1 JUNCTION BOX, STAINLESS STEEL, 18"x12"x6", ATTACHED TO BACKSIDE OF PIER COLUMN</p> <p>JB2 JUNCTION BOX, STAINLESS STEEL, 12"x10"x6", MOUNTED ON TOP OF THE PIER CAP</p> |
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**PLAN VIEW**

**PIER 1 LOOKING EAST SECTION A-A**  
N.T.S.

**NOTES:**

1. UNDERPASS LUMINAIRES SHALL BE CENTERED BETWEEN GIRDER AND 2FT OFF THE EDGE OF TRAVELED PAVEMENT.
2. THE DISTANCES SHOWN BETWEEN UNDERPASS LUMINAIRES ARE MEASURED PERPENDICULAR TO THE GIRDER.
3. THE CABLE SPLICES AT THE JUNCTION BOX SHALL BE DONE ACCORDING TO THE SPLICING DETAIL SHOWN ON IDOT-D1 STANDARD DETAIL DRAWING NO. BE-702. PROVIDE DOUBLE POLE FUSE HOLDER WITH 5 AMP FUSES.
4. UNDERPASS LUMINAIRES SHALL BE INSTALLED AS SHOWN ON SHEET L-13
5. REFER TO IDOT-D1 STANDARD DRAWING NO BE-900 FOR FURTHER INFORMATION ON CONDUIT ROUTING AND INSTALLATION.

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 6/26/2012 11:26:42 AM

**SINGH**  
CONSULTING ENGINEERS  
www.singhinc.com

USER NAME = kprejapati	DESIGNED - KP	REVISED -
DRAWN - WC/RP	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - GR	REVISIONS -
PLOT DATE = 6/26/2012	DATE - 06/15/2012	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**U.S. ROUTE 30 AT IL ROUTE 31  
UNDERPASS LIGHTING PLAN**

SCALE: AS NOTED SHEET NO. 10 OF 27 SHEETS STA. ----- TO STA. -----

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11 VB) R-3	-	507	204
KANE AND KENDALL			CONTRACT NO. 60133	
ILLINOIS FED. AID PROJECT				