



LEGEND

- (A) CONDUIT ATTACHED TO STRUCTURE, 1" DIA. PVCC RGC WITH 3-1/C NO. 10 AND 1/C NO. 10 GND.
- (B) CONDUIT ATTACHED TO STRUCTURE, 1" DIA. PVCC RGC WITH 2-1/C NO. 10 AND 1/C NO. 10 GND.
- (C) CONDUIT EMBEDDED IN STRUCTURE, 2" DIA. PVC WITH CABLES AS NOTED ON PLANS
- (D) CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA. PVCC RGC, -10' WITH UNIT DUCT AS NOTED ON PLANS (FOR TRANSITION TO UNDERGROUND)
- JB1 JUNCTION BOX, STAINLESS STEEL, 18"x12"x6", ATTACHED TO WINGWALL (SEPARATE BOX FROM ONE SHOW ON LIGHTING PLAN SHEET)
- JB2 JUNCTION BOX, STAINLESS STEEL, 12"x12"x6", ATTACHED TO ABUTMENT AND TOP OF PIER CAP
- JB3 JUNCTION BOX, STAINLESS STEEL, 6"x6"x4", ATTACHED TO TOP OF PIER CAP

NOTES:

1. UNDERPASS LUMINAIRES SHALL BE MOUNTED TO THE FACE OF PIERS.
2. THE DISTANCES SHOWN BETWEEN THE UNDERPASS LUMINAIRE IS MEASURED FROM CENTER OF LUMINAIRES.
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 HOLDERS WITH 5 AMP FUSE AND SOLID NEUTRAL.
4. UNDERPASS LUMINAIRES SHALL BE INSTALLED AS SHOWN ON IDOT-D1 STANDARDS DRAWING NO. BE-902. SEE THIS DETAIL FOR FURTHER INFORMATION ON CONDUIT ROUTING AND INSTALLATION.
5. AT ALL LOCATIONS WHERE EXPANSION/CONTRACTION CAN OCCUR AND FOR CONNECTION TO LUMINAIRES THE CONTRACTOR SHALL UTILIZE LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT.
6. SEE LIGHTING PLAN SHEET FOR CONDUIT EMBEDDED IN PARAPET WALL AND ASSOCIATED JUNCTION BOXES.

FILE NAME =	DESIGNED - GRR	REVISED -
... \D160J16-sht-IL171-prLight-DetStr-No. 016-1000	DRAWN - JLW	REVISED -
USER NAME = jworthington	CHECKED - GHT	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS LIGHTING PLAN
47TH STREET

SCALE: SHEET 26 OF 49 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	225
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	