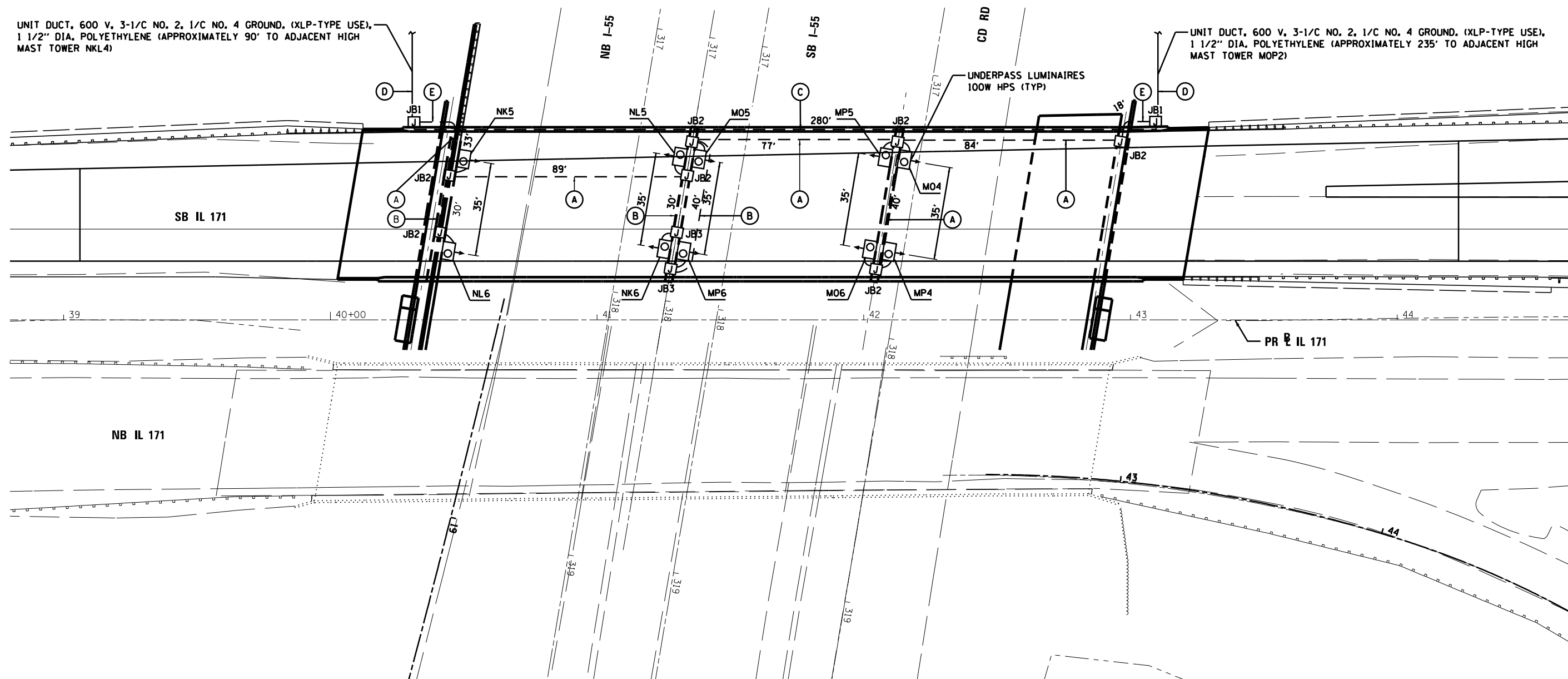


UNIT DUCT, 600 V, 3-1/C NO. 2, 1/C NO. 4 GROUND. (XLP-TYPE USE),
1 1/2" DIA. POLYETHYLENE (APPROXIMATELY 90' TO ADJACENT HIGH
MAST TOWER NKL4)

UNIT DUCT, 600 V, 3-1/C NO. 2, 1/C NO. 4 GROUND. (XLP-TYPE USE),
1 1/2" DIA. POLYETHYLENE (APPROXIMATELY 235' TO ADJACENT HIGH
MAST TOWER MOP2)



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 (EMPTY)
- (D) CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA. PVCC RGC WITH UNIT DUCT AS NOTED ON PLANS (FOR TRANSITION TO UNDERGROUND) - 10'
- (E) UNDERGROUND CONDUIT, 1" DIA. PVCC RGC WITH 3-1/C NO. 10 AND 1/C NO. 10 GND (CONDUIT PAID FOR AS ATTACHED TO STRUCTURE)
- JB1 JUNCTION BOX, STAINLESS STEEL, 18"x12"x6", ATTACHED TO PARAPET
- 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

NOTE:

1. UNDERPASS LUMINAIRES SHALL BE MOUNTED TO THE FACE OF PIERS, EXCEPT FOR THE TWO LUMINAIRES AT THE SOUTH ABUTMENT WHICH SHALL BE MOUNTED TO THE FACE OF THE RETAINING WALL COPING.
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/DEFLECTION CAN OCCUR IN CONDUIT ATTACHED TO STRUCTURE AND FOR CONNECTION TO LUMINAIRES THE CONTRACTOR SHALL UTILIZE LIQUID TIGHT FLEXIBLE NONMETALLIC CONDUIT.

FILE NAME =	DESIGNED - GRR	REVISED -
... \D160W77-shr-IL171-prLight-DeStr-No. 016-1510	DRAWN - JW	REVISED -
USER NAME = jworthington	CHECKED - GHT	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED UNDERDECK LIGHTING
S.B. IL 171 OVER I-55

SCALE: SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608 & 611)H-B	COOK	177	59
ILLINOIS FED. AID PROJECT				CONTRACT NO. 60W77