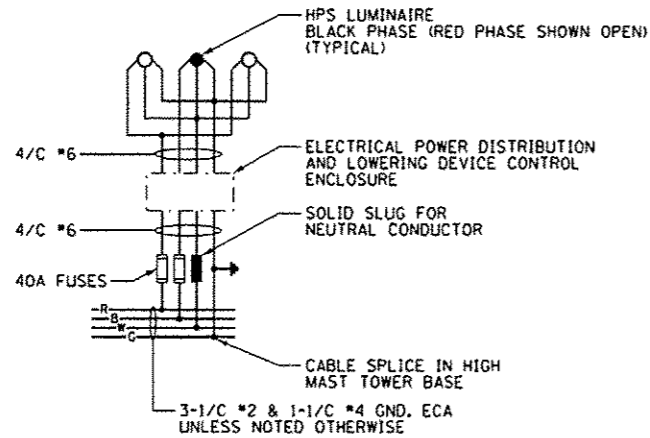
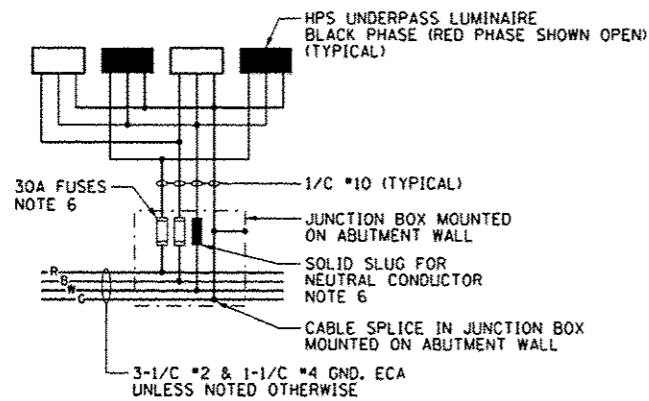


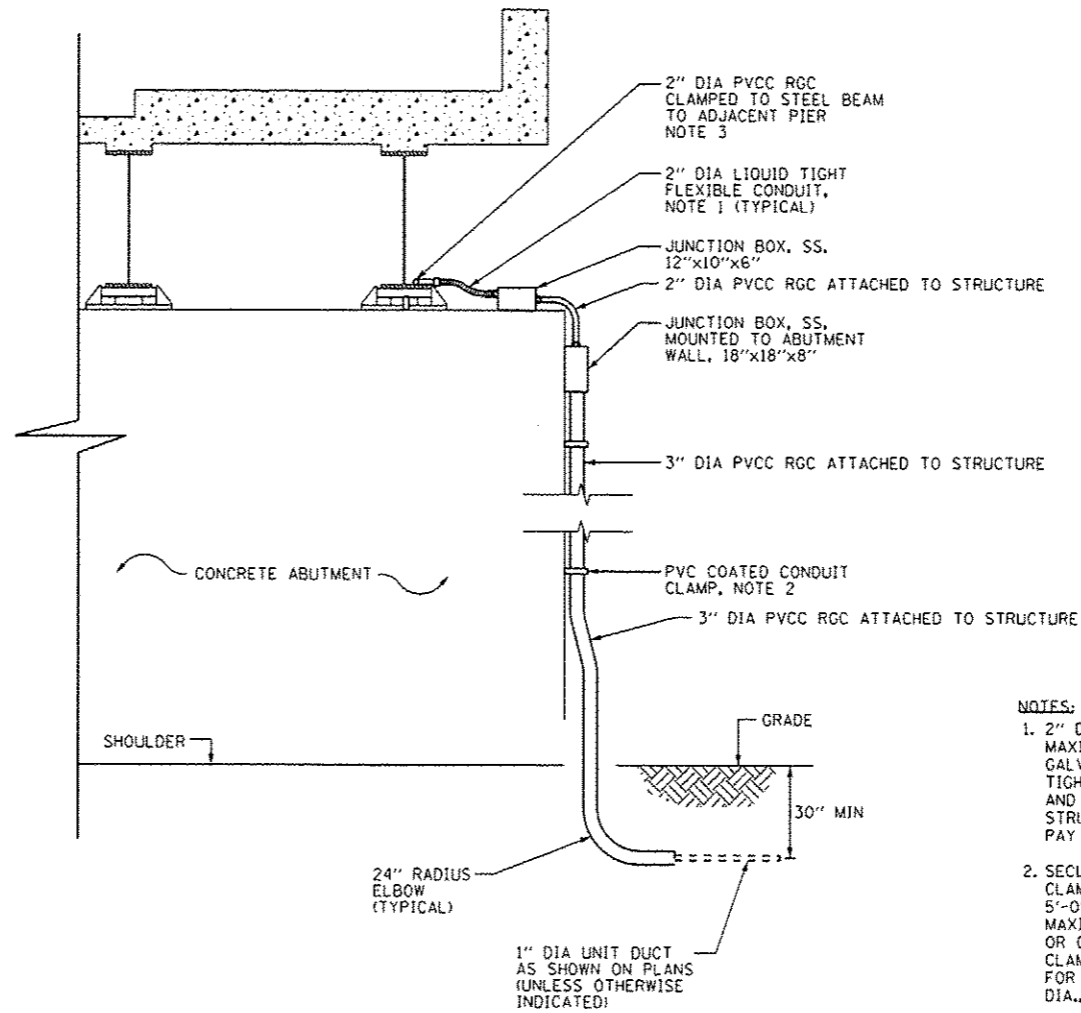
HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER FOUNDATION LOCATION			HIGH MAST LIGHT TOWER FOUNDATION ELEVATIONS			HIGH MAST TOWER HEIGHT	REMARKS AND NOTES
	STATION	OFFSET (NOTE 4)	BASELINE	TOP ELEVATION	BOTTOM ELEVATION	DESIGN DEPTH (FT)		
DAB2	1822+13.00	35.50' RT	NW RAMP	594.02	524.02	70.0	130'	SEE NOTES 4 AND 5.
ZCD1	1832+94.91	127.53' RT	NW RAMP	587.72	532.72	55.0	150'	SEE NOTES 4 AND 5.
GAB11	1836+75.00	55.00' RT	NW RAMP	595.04	544.04	51.0	150'	SEE NOTES 4 AND 5.



TYPICAL HIGH MAST LIGHT TOWER WIRING DIAGRAM
NOT TO SCALE



TYPICAL UNDERPASS LIGHTING UNIT WIRING DIAGRAM
NOT TO SCALE



CONDUIT ATTACHED TO STRUCTURE DETAIL
NOT TO SCALE

- NOTES:
- 2" DIAMETER LIQUID TIGHT FLEXIBLE METAL CONDUIT, MAXIMUM LENGTH 3'-0". PROVIDE PVC COATED RIGID GALVANIZED STEEL CONDUIT AS REQUIRED. LIQUID TIGHT FLEXIBLE METAL CONDUIT WILL BE MEASURED AND PAID FOR UNDER THE "CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
 - SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-0" INTERVALS FOR LATERALS AND WITHIN 2'-0" MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTIONS. ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS WILL BE MEASURED AND PAID FOR UNDER THE "CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL, PVC COATED" PAY ITEM.
 - SEE DRAWING E-12 FOR THE ROUTING OF THE CONDUIT ATTACHED TO STRUCTURE.
 - SEE IDOT STANDARDS BE-506 AND BE-511 FOR LIGHT TOWER FOUNDATION DETAILS.
 - THE SCHEDULE ON THIS DRAWING REPLACES THE "SHAFT LENGTH (D) TABLE" SHOWN ON IDOT STANDARDS BE-506 AND BE-511.
 - THE FUSES, FUSE HOLDERS, AND SOLID SLUGS SHALL BE PROVIDED ACCORDING TO ARTICLE 1065.01 OF THE IDOT STANDARDS. THE COST OF PROVIDING THE FUSES, FUSE HOLDERS, AND SOLID SLUGS IN THE JUNCTION BOX WILL NOT BE PAID FOR SEPARATELY AND WILL BE INCLUDED IN THE COST OF THE JUNCTION BOX IN WHICH THEY ARE INSTALLED.

E-16

FILE PATH: ... 2014-05-27 10:28:00 AM \\s:\projects\60w28\60w28_electrical\60w28_electrical.dwg

AECOM
303 EAST WEAVER DRIVE, SUITE 1400
CHICAGO, IL 60601-3176
PHONE: (312) 373-1700 FAX: (312) 373-4800

D160w28-etc-light-16
USER NAME: mgyrxc
PLOT SCALE: 2.0000' / 1" IN.
PLOT DATE: 5/22/2014

DESIGNED - WDS
DRAWN - CAM
CHECKED - WDS
DATE - 04/28/14

REVISED - A 5/27/2014
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS ELECTRICAL DETAILS

SCALE: N.T.S. SHEET 16 OF 17 SHEETS STA. TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	306
CONTRACT NO. 60W28				
ILLINOIS FED. AID PROJECT				