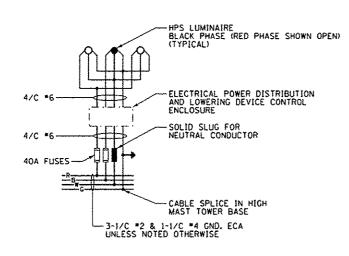
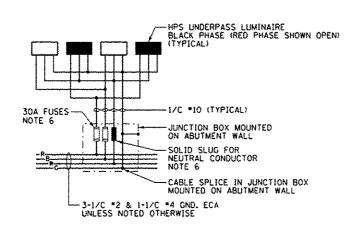
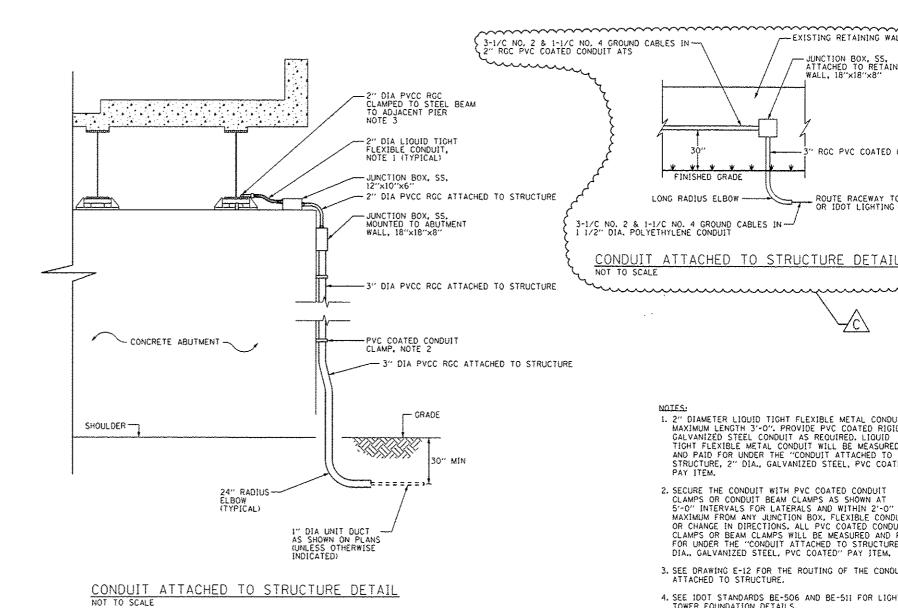
			H	GH MAST LIGHT TOW	ER FOUNDATION SCI	HEDULE			
HIGH MAST LIGHT TOWER IDENTIFICATION	HIGH MAST LIGHT TOWER FOUNDATION LOCATION			HIGH MAST LIGHT TOWER FOUNDATION ELEVATIONS			HIGHMAST		
	STATION	OFFSET (NOTE 4)	BASELINE	TOP ELEVATION	BOTTOM ELEVATION	DESIGN DEPTH (FT)	TOWER HEIGHT	REMARKS AND NOTES	
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



NOTES:

FINISHED GRADE

LONG RADIUS ELBOW

1. 2" DIAMETER LJOUID TIGHT FLEXIBLE METAL CONDUIT,
MAXIMUM LENGTH 3'-0". PROVIDE PVC COATED RIGID
GALVANIZED STEEL CONDUIT AS REQUIRED. LJOUID
TIGHT FLEXIBLE METAL CONDUIT WILL BE MEASURED
AND PAID FOR UNDER THE "CONDUIT ATTACHED TO
STRUCTURE, 2" DIA., GALVANIZED STEEL, PVC COATED"
PAY ITEM.

-EXISTING RETAINING WALL

-JUNCTION BOX, SS. ATTACHED TO RETAINING WALL, 18"x18"x8"

RGC PVC COATED CONDUIT

ROUTE RACEWAY TO LIGHT TOWER OR IDOT LIGHTING CONTROLLER

- 2. SECURE THE CONDUIT WITH PVC COATED CONDUIT CLAMPS OR CONDUIT BEAM CLAMPS AS SHOWN AT 5'-O' INTERVALS FOR LATERALS AND WITHIN 2'-O' MAXIMUM FROM ANY JUNCTION BOX, FLEXIBLE CONDUIT, OR CHANGE IN DIRECTIONS, ALL PVC COATED CONDUIT CLAMPS OR BEAM CLAMPS WILL BY MEASURED AND BAT 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.
- 4. SEE IDOT STANDARDS BE-506 AND BE-511 FOR LIGHT TOWER FOUNDATION DETAILS.
- 5. THE SCHEDULE ON THIS DRAWING REPLACES THE "SHAFT LENGTH (D) TABLE" SHOWN ON IDOT STANDRDS BE-506 AND BE-511.
- 6. 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. THEY ARE INSTALLED,

D168W28-aht-Light-16	DESIGNED -	#DS	REVISED - A 5/27/2014
USER NAME & myersc	DRAWN -	CAM	REVISED - 6/24/2014
PLOY SCALE + 2.0000 1/ in.	CHECKED -	WDS	REVISED ~
PLOT DATE + 6/23/2814	DATE -	04/28/14	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	F.A.I. RTÉ,	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MISCELLANEOUS ELECTR	90/94/290	2013-010R	COOK	747	306	
<u></u>		4		CONTRACT	NO. 6	OW28
SCALE: N.T.S. SHEET 16 OF 17 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

E-16