



All taped splices shall use 2 layers of electrical tape over 3 layers of rubber tape as required by the Standard Specifications. Coat the finished taped splice with bonding compound.

All cable splices shall be taped unless another method has been specifically approved by the Engnieer.

ITEM DESCRIPTION		QUANTITY
UNIT DUCT, 600V, 2-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE),1" DIA. POLYETHYLENE	FOOT	232
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	330
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	232
BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	8
RELOCATE EXISTING LIGHTING UNIT	EACH	2
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	165

## CONSTRUCTION NOTES

- 1. ANY MAINTENANCE OF EXISTING LIGHTING WILL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- THE LOCATION OF ALL UTILITIES AND PRIVATELY OWNED FACILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE INSTALLATION OF ANY COMPONENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES AT HIS/HER OWN EXPENSE IF REQUIRED. THE
  CONTRACTOR SHALL ALSO BE LIABLE FOR ANY DAMAGE TO IDOT FACILITIES RESULTING FROM INACCURATE LOCATING.
- 4. ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- 5. THE LIGHTING SYSTEM SHALL REMAIN IN OPERATION THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH ARTICLE 801.11 (A) OF THE STANDARD SPECIFICATIONS.
- LIGHT POLES SHALL BE BONDED IN ACCORDANCE WITH NEC REQUIREMENTS. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT BID PRICE FOR ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C AND SHALL INCLUDE ALL LABOR, EQUIPMENT, AND MATERIALS (INCLUDING CLAMPS, HARDWARE, ELECTRICAL CABLE, AND ALL OTHER ITEMS REQUIRED TO BOND THE STRUCTURES).
- ELECTRICAL CABLE WILL BE MEASURED FOR PAYMENT IN ACCORDANCE WITH ARTICLE 817.04
- ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, THIS WORK WILL BE MEASURED FOR
  PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
- 10. PRIOR TO COMMENCING WORK, THE CONTRACTOR, IN THE PRESENCE OF THE ENGINEER, SHALL INSPECT THE EXISTING LIGHTING SYSTEM AND NOTE ALL DEFICIENCIES INCLUDING DAMAGED POLES AND NON-OPERATING LUMINAIRES. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT BID PRICE FOR THE ELECTRICAL PAY ITEMS.
- 11. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE OF TRENCH AND BACKFILL FOR ELECTRICAL WORK,
- 13. LIGHT POLE NUMBERING IS BASED ON THE AS-BUILT PLANS. SEE SHEET 55 FOR REFERENCE.
- 14. ALL RELOCATED LIGHTING UNITS SHALL BE INSTALLED AT A MINIMUM OF 15 FEET BEHIND THE EDGE OF PAVEMENT. NO POLES ARE TO BE INSTALLED IN THE FLOW LINE OF THE DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.



FILE NAME =	USER NAME = howelder	DESIGNED -	REVISED -		OVERHEAD LIGHTING							SECTION	COUNTY	TOTAL SHEET
0468506-Overhead Lighting Plan Sheets -	Revised 1-29-11.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS							74	(48-27)R <sub>-</sub> RS-4	KNOX	103 56
	PLOT SCALE = 100.0000 '/ IN.	CHECKED ~	REVISED -	DEPARTMENT OF TRANSPORTATION	LIGHT POLE RELOCATION DETAIL						CONTRACT NO. 68506			
	PLOT DATE = 1/29/2011	DATE - REVISED -	REVISED -		SCALE	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJ			