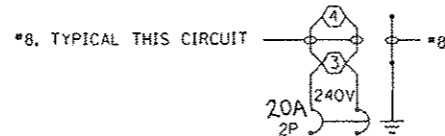


LIGHTING CKT 1
PROPOSED LIGHTING CONTROLLER NO. 1



LIGHTING CKT 2
PROPOSED LIGHTING CONTROLLER NO. 1

○ 250W ROADWAY LUMINAIRE

CONTROLLER AT IL 128 AND IL 33

NOTES:

- ALL NECESSARY REVISIONS TO THE WIRING SHOWN ON THIS SHEET SHALL BE MADE AT NO ADDITIONAL COST TO THE DEPARTMENT AND TO THE SATISFACTION OF THE ENGINEER.

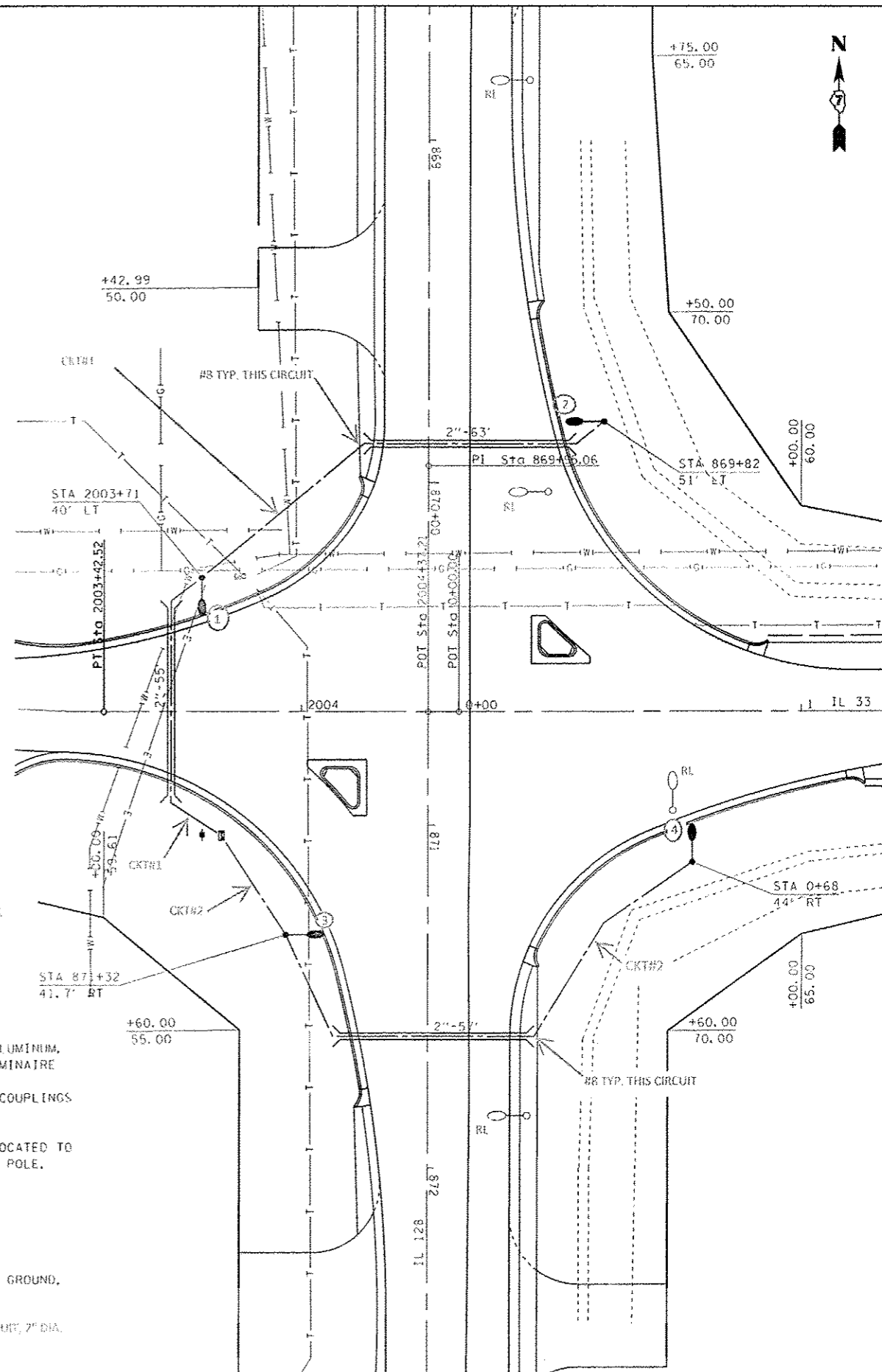
GENERAL NOTES

- ALL EXISTING LIGHTING UNITS TO BE RELOCATED SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE EXISTING LIGHT POLES SHALL BE RELOCATED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. LIGHT POLE FOUNDATIONS SHALL BE INSTALLED PLUMB AND FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS OF ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS. AFTER UNIT DUCT IS INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
- THE CONTRACTOR SHALL CLEAN THE DIRT OUT OF THE METAL HELICAL FOUNDATIONS THAT ARE REMOVED AND SHALL DELIVER THEM TO THE ADDRESS LISTED BELOW. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE REMOVAL OF POLE FOUNDATION PAY ITEM.
ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGN SHOP
1900 WEST NATIONAL
EFFINGHAM, IL 62401
ATTN: MIKE WORTHLEY
- CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM UTILITY LINES. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CLEARANCES PER THE NATIONAL ELECTRICAL SAFETY CODE AND/OR THE REQUIREMENTS OF THE UTILITY COMPANIES. THE LOCATION OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. REROUTING, DISCONNECTION, RELOCATION, PROTECTION ETC., OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
- ALL EXISTING LIGHT POLES SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT. LIGHT POLES SHALL BE RELOCATED PER THE PLANS BY THE CONTRACTOR DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- THE EXISTING POLE MOUNTED LIGHTING CONTROLLER SHALL BE RELOCATED TO THE PROPOSED ELECTRIC SERVICE INSTALLATION POLE. THE CONTRACTOR SHALL RECONNECT THE LIGHTING CONTROLLER TO THE PROPOSED SERVICE AND BRANCH CIRCUITS.
- THE CONTRACTOR SHALL CONSTRUCT A CONCRETE WORK PAD IN FRONT OF THE RELOCATED LIGHTING CONTROLLER PER ARTICLE 825.03 OF THE STANDARD SPECIFICATIONS.

- LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- UNDERGROUND CONDUIT, COLLABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
- STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR BODS AND NUTS SHALL BE ACCORDING TO ART. 107D.04 (2)(2) OF THE STANDARD SPECIFICATIONS EXCEPT THE MINIMUM WIRE DIAMETER SHALL BE AWG NO.16 (1.6 mm).
- STAINLESS STEEL SCREEN SHALL COVER ALL VOIDS BETWEEN THE POLE AND FOUNDATION ACCORDING TO ARTICLE 828.02 INCLUDING THE VOIDS ON THE UNDERSIDE OF THE ALUMINUM POLE BASE PLATE.

LEGEND

- EXISTING LIGHT POLE TO BE RELOCATED, ALUMINUM, 40' M.H., 10' DAVIT ARM, WITH 250 W LUMINAIRE
- RELOCATED LIGHT POLE ON NEW BREAKAWAY COUPLINGS AND FOUNDATION
- EXISTING LIGHTING CONTROLLER TO BE RELOCATED TO PROPOSED ELECTRIC SERVICE INSTALLATION POLE, 30 AMP, 240 VOLT, 1 PHASE.
- RELOCATED LIGHTING CONTROLLER
- PROPOSED ELECTRIC SERVICE INSTALLATION
- UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE) 3/4" DIA. POLYETHYLENE
- UNDERGROUND CONDUIT, COLLABLE NONMETALLIC CONDUIT, 2" DIA.



FILE NAME: 1	USER NAME: c:\at\ccook	DESIGNED: -	REVISED: -
c:\pvc\proj\k\spw\d01\stateff\cook\1401214201\07	4052-shs-lighting	DRAWN: -	REVISED: -
	PLOT SCALE: 40.0000' = 1" = 1/8"	CHECKED: -	REVISED: -
	PLOT DATE: 6/16/2014	DATE: -	REVISED: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HIGHWAY LIGHTING DETAILS
SCALE: N/A SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A.S. RTE. 2801	SECTION 102RS-3,103RS-2,102N	COUNTY	TOTAL SHEETS 84	SHEET NO. 55
Effingham, Fayette		CONTRACT NO. 74052		
ILLINOIS FED. AID PROJECT				

REV.