

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(72-7)R-3	PEORIA	1360	1185
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 68200

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### GENERAL ELECTRICAL NOTES:

- ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, QUANTITIES, AND TYPE OF UTILITIES IN AREAS TO BE EXCAVATED PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL HAND EXCAVATE AS REQUIRED IN ORDER TO NOT INTERRUPT ANY EXISTING SERVICES. IF IN PERFORMING WORK DAMAGE TO EXISTING UTILITIES OCCURS, CONTRACTOR SHALL NOTIFY UTILITY IMMEDIATELY AND PAY ANY COST INCURRED FOR REPAIR OR REPLACEMENT.
- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- BEFORE INSTALLING LIGHT STANDARDS NEAR OVERHEAD UTILITIES CALL MR. DANIEL C. BRIGHT OF CILCO AT 309-693-4721 FOR LOCATION APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL EXISTING STATE OWNED LIGHTING AND/OR TRAFFIC SIGNAL UTILITIES WITHIN THE LIMITS OF THE CONTRACT.
- TWENTY-FIVE PERCENT OF EXISTING STATE STANDARD LIGHT POLES BEING REMOVED UNDER THIS CONTRACT SHALL BE RETURNED TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR, BUREAU OF OPERATIONS, AT 6500 W. ROUTE 150, EDWARDS, ILLINOIS 61528.
- THE RCOG LIGHTING CONTROLLER SHALL BE PICKED UP BY THE CONTRACTOR FROM THE CITY OF PEORIA FACILITY. THIS FACILITY IS LOCATED AT: 3505 NORTH DRIES LANE, PEORIA, ILLINOIS 61604.

### CONSTRUCTION NOTES:

- CONDUIT SHALL BE 75mm PVC. SCHED. 40, UNLESS OTHERWISE NOTED.
- ALL CONDUIT CROSSING ROADWAYS SHALL BE 75mm PVC. SCHED. 80.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINKS BELOW GRADE, IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE AND TO THE GROUND ROD AT THE SERVICE INSTALLATION.
- ALL POLES AND THE STREET LIGHT CONTROLLERS SHALL BE CONNECTED TO A CONTINUOUS GROUND CONSISTING OF A GREEN INSULATED ELECTRICAL CONDUCTOR 600 V. XLP, SIZE AS INDICATED ON PLANS. THIS CONDUCTOR SHALL BE PLACED INSIDE THE CONDUIT ALONG WITH THE INSULATED CABLES.
- SUFFICIENT LENGTH OF ELECTRICAL CONDUCTOR SHALL BE INSTALLED IN HANDHOLES AND IN LIGHT STANDARDS TO PROVIDE ADEQUATE SLACK SO THAT ELECTRICAL CONDUCTOR MAY BE PULLED. SAID SLACK SHALL BE NEATLY COILED AND PLACED IN THE HANDHOLES.
- THE EXISTING CONCRETE FOUNDATION SHALL BE REMOVED TO A DEPTH AT LEAST 0.6 METER BELOW THE FINAL GRADE AND DISPOSED OF OUTSIDE THE RIGHT-OF-WAY. THE HOLE SHALL THEN BE BACKFILLED WITH APPROVED MATERIALS AND RECONSTRUCTED TO MATCH THE ADJOINING AREA. COMPACTION SHALL BE BY A METHOD APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE A 5mm (3/16") POLY PULL-LINE THROUGH EACH PVC CONDUIT IN WHICH NO CONDUCTORS ARE PLACED IN THIS CONTRACT. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR THE CONDUIT OF THE TYPE SPECIFIED.
- THE COST FOR THE ELECTRIC SERVICE CONNECTION SHALL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.05.
- THE PROPOSED CONDUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THIS WORK SHALL BE INCLUDED IN THE BID PRICE OF THE PROPOSED CONDUIT SPECIFIED.
- ALL MEDIAN BARRIER WALL JUNCTION BOXES AND HIGH MAST TOWER HANDHOLES WILL BE FACING THE EASTBOUND SIDE OF THE MAINLINE.
- ALL NON-METALLIC JUNCTION BOXES EMBEDDED IN THE MEDIAN BARRIER WALL AND PARAPET WALLS SHALL BE CONSTRUCTED FROM POLYMER CONCRETE AS SPECIFIED IN ARTICLE 1088.05.
- JUNCTION BOXES OF "SLIGHTLY" DIFFERENT SIZES THAN THOSE SPECIFIED ON THE PLANS MAY BE USED WHEN APPROVED BY THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT. THIS SHALL NOT RELIEVE THE CONTRACTOR TO CONFORM WITH APPLICABLE CODES.
- EXISTING AND/OR TEMPORARY LIGHTING UNITS SHALL NOT BE REMOVED UNTIL NEW LIGHTING SYSTEM IS COMPLETELY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER.

LIGHTING SHEET 1 OF 64

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX, GENERAL ELECTRICAL AND CONSTRUCTION NOTES

DRAWN BY DJK

CHECKED BY MKR

DATE: 11/12/04



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11/12/2004