

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1700	05-00045-02-PV	COOK/DUPAGE	103	56
DETAILS				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT #-8003644				











SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	96
CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL	FOOT	936
CONDUIT, BORED AND PULLED, COLLAPSE NON-METALLIC CONDUIT, 1 1/2"	FOOT	1050
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	591
UNIT DUCT, 600V, 3-1/C NO. 4 AND 1/C NO. 6 GROUND, (XLP-TYPE USE), 1/4" DIA., POLYETHYLENE	FOOT	7250
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1050
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	3150
RELOCATE EXISTING LIGHTING UNIT	EACH	4
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	21
DIRECTIONAL BORING	FOOT	5560
LIGHTING UNIT (25 FOOT MOUNTING HEIGHT), 150 WATT LUMINAIRE	EACH	7
LIGHTING UNIT (30 FOOT MOUNTING HEIGHT), 250 WATT LUMINAIRE	EACH	35

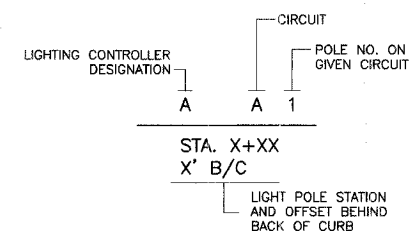
GENERAL LIGHTING NOTES

- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER PRIOR TO INSTALLATION OF LIGHTING FOUNDATIONS.
- FOR POLE FOUNDATION INSTALLATIONS NEAR PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS, THE CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF THE GENERAL NOTES UNDER "UTILITIES", NOTES 2 THROUGH 5 AND NOTE 9 ON SHEET 2. IN ADDITION, ANY WORK REQUIRED BY THE CONTRACTOR TO EXPOSE UNDERGROUND UTILITIES NEAR PROPOSED POLE FOUNDATIONS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF LIGHTING UNIT (25 OR 30 FOOT MOUNTING HEIGHT), 150 OR 250 WATT LUMINAIRE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS SHALL REMAIN WITH THE CONTRACTOR.
- UNLESS OTHERWISE NOTED, ALL CIRCUIT CONNECTIONS TO THE EXISTING LIGHTING CONTROLLERS SHALL BE 1/4" UNIT DUCT WITH 3 NO. 4 AND 1 NO. 6 (BLACK, RED, WHITE, AND GREEN COLOR CODED) CONDUCTORS.
- ALL ABANDONED UNIT DUCT SHALL BE REMOVED FROM THE EXISTING CONDUIT SLEEVE THAT WILL REMAIN IN USE. THIS SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED AS PART OF THE PROPOSED UNIT DUCT INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE EXISTING CONDUITS THAT THE PROPOSED UNIT DUCT OR POLYETHYLENE DUCT WILL BE PULLED THROUGH. ALL WORK, EQUIPMENT AND MATERIAL NEEDED TO LOCATE THE EXISTING CONDUIT AND TO PULL THE PROPOSED UNIT DUCT OR POLYETHYLENE DUCT THROUGH SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED AS PART OF THE PROPOSED UNIT DUCT OR POLYETHYLENE DUCT INSTALLATION.
- ALL WORK, EQUIPMENT AND MATERIAL NEEDED TO EXTEND EXISTING CONDUIT SLEEVES WILL BE PAID FOR AS "CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL".
- EXISTING ROADWAY LUMINAIRES AND ARMS ON WOOD POLES WITHIN PROJECT LIMITS SHALL BE REMOVED BY OTHERS AS SHOWN ON THE PLANS.
- THE CONTRACTOR IS ADVISED THAT DIRECTIONAL BORING SHALL BE THE METHOD USED FOR UNIT DUCT INSTALLATION. WHERE PARALLEL UNIT DUCT RUNS ARE SHOWN ON THE PLANS AS A COMMON BORE, ONLY ONE DIRECTIONAL BORE LENGTH WILL BE MEASURED FOR PAYMENT.
- ALL CIRCUITS AFFECTED BY THE RELOCATION OF EXISTING LIGHTING SHALL BE MAINTAINED AND IN CONTINUING OPERATION THE SAME EVENING OF THE RELOCATION. ALL WORK, EQUIPMENT AND MATERIAL NEEDED TO MAINTAIN CONTINUING OPERATION SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED AS PART OF "RELOCATE EXISTING LIGHTING UNIT".

LEGEND

-  PROPOSED LIGHTING UNIT, 30' MOUNTING HEIGHT
 LUMINAIRE: KIM LIGHTING - AR3 MODEL
 250 WATT, H.P.S., M-C-III, 120V, 30 FT. M.H. 8 IN. SUPPORT ARM,
 DARK BRONZE-POWDER COAT FINISH (NO SUBSTITUTIONS)
 POLE: ROUND TAPERED ALUMINUM, KIM-LIGHTING-LTRA30-8188
 DARK BRONZE-POWDER COAT FINISH, OR APPROVED EQUAL
-  PROPOSED LIGHTING UNIT, 25' MOUNTING HEIGHT
 LUMINAIRE: KIM LIGHTING - SAR3 MODEL
 150 WATT, H.P.S., M-C-III, 120V, 25 FT. M.H., 8 IN. SUPPORT ARM,
 DARK BRONZE-POWDER COAT FINISH (NO SUBSTITUTIONS)
 POLE: ROUND TAPERED ALUMINUM, KIM-LIGHTING-LTRA25-6188
 DARK BRONZE-POWDER COAT FINISH, OR APPROVED EQUAL
-  EXISTING LIGHTING UNIT
-  UNIT DUCT, WITH 3-1/C NO. 4 AND 1-1/C NO. 6 GROUND, 600V (XLP-TYPE USE) 1/4" DIA. POLYETHYLENE, UNLESS OTHERWISE INDICATED
-  EXISTING UNIT DUCT
-  PROPOSED RIGID GALVANIZED STEEL CONDUIT OF THE LENGTH AND DIAMETER INDICATED ON THE PLANS
-  EXISTING GALVANIZED STEEL CONDUIT
-  EXISTING GROUND MOUNTED STREET LIGHTING CONTROLLER
-  PUSHED
-  POLYETHYLENE DUCT, BORED OR PULLED 1/4" WITH ELECTRIC CABLES IN CONDUIT 600V (XLP-TYPE USE) 3-1/C NO. 4 AND 1-1/C NO. 6.

CIRCUIT DESIGNATION SCHEME (TYPICAL)



ILLINOIS DEPARTMENT OF TRANSPORTATION

**ROADWAY LIGHTING
GENERAL NOTES, LEGEND
AND SCHEDULE OF QUANTITIES**

DATE: 12/22/06
 DESIGNED BY: 5JC
 CHECKED BY: JRV

NOT TO SCALE