

CONTRACT 62829	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	305	2004-088B	COOK	145	45
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GENERAL NOTES:

1. THE CONTRACTOR SHALL REQUEST A FORMAL MAINTENANCE TRANSFER BEFORE ANY WORK, LIGHTING, OR OTHER FIELD WORK BEGINS. THE CONTRACTOR SHALL CONTACT THE ELECTRICAL MAINTENANCE OFFICE AT (630) 860-3570.
2. THE CONTRACTOR SHALL CONTACT THE ELECTRIC UTILITY COMPANY TO COORDINATE THE ELECTRICAL SERVICE WORK.
3. TO MAINTAIN THE STRUCTURAL INTEGRITY OF THE LIGHT POLES, THE LIGHT POLES SHALL NOT BE ERECTED AND/OR LEFT TO STAND WITHOUT LUMINAIRES. NOTE THAT THE LIGHT POLES WILL NOT BE PAID FOR UNTIL THE POLES ARE FULLY APPROVED AND THE LUMINAIRES ARE INSTALLED.
4. THE QUANTITIES OF RACEWAYS WHERE INDICATED IN THESE PLANS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS ACCORDING TO THE SPECIFIED REQUIREMENTS.
5. THE EQUIPMENT GROUNDING CONDUCTORS SHALL BE SPLICED AND BONDED TO EACH JUNCTION BOX AND PULL BOX THE CONDUCTORS PASS THROUGH. JUNCTION BOXES SHALL BE EQUIPPED WITH GROUND LUGS FOR GROUND WIRE TERMINATION WITHOUT DEGRADATION OF THE JUNCTION BOX RATING.
6. TRENCHES FOR LIGHTING RACEWAYS SHALL HAVE A MINIMUM DEPTH OF 30 INCHES.
7. INDEPENDENT TESTING OF LUMINAIRES IS REQUIRED WHEN THE QUANTITY INDICATED IN THE SUMMARY OF QUANTITIES IS 50 OR MORE FOR A GIVEN PAY ITEM. TESTING SHALL BE IN ACCORDANCE WITH ARTICLE 1067.01(A)(7) OF THE STANDARD SPECIFICATIONS.
8. THERE IS AN EXISTING STREET LIGHT SYSTEM ON WILLOW AND MILWAUKEE WHICH IS OWNED AND MAINTAINED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. PRIOR TO THE BEGINNING OF ANY WORK, MAINTENANCE SHALL BE TRANSFERRED TO THE CONTRACTOR.
9. PORTIONS OF THE EXISTING LIGHTING SYSTEM SHALL REMAIN IN THE EXISTING LOCATIONS. ALL OF THE LUMINAIRES SHALL BE REPLACED WITH NEW LUMINAIRES WITH SHIELD.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER.
11. DUE TO THE NUMBER OF EXISTING UTILITIES OFFSET FOUNDATIONS MAY BE REQUIRED AS DETERMINED IN THE FIELD BY THE ENGINEER.
12. SPECIAL CARE SHALL BE TAKEN DURING TRENCHING OPERATIONS DUE TO THE NUMBER OF UTILITIES AND TREES ALONG WILLOW ROAD WITHIN THE PROJECT LIMITS.
13. ALL PROPOSED LIGHTING UNITS SHALL BE INSTALLED ON CONCRETE FOUNDATIONS.
14. UNLESS OTHERWISE INDICATED THE PROPOSED LIGHT POLES SHALL BE SET BACK 2 FEET FROM THE EDGE OF PAVEMENT TO THE FACE OF THE POLE.
15. NO LIGHT POLE SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.


GENERAL NOTES CONTINUED:

16. UNLESS OTHERWISE INDICATED, ALL UNIT DUCT PROVIDED UNDER THIS CONTRACT SHALL BE 1/4" DIA POLYETHYLENE DUCT WITH 3 1/C*4 CONDUCTORS AND 1/C*6 INSULATED GROUND CONDUCTOR.
17. QUANTITIES OF PUSHED CONDUIT, CONDUIT IN TRENCH AND CONDUIT EMBEDDED IN STRUCTURE WHERE INDICATED ON THE PLAN DRAWINGS, ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAY IN COMPLETE COMPLIANCE WITH SPECIFIED REQUIREMENT.
18. A GROUND ROD SHALL BE INSTALLED AT EACH POLE.
19. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT FOUNDATIONS SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO POURING CONCRETE OR BACKFILLING AS APPLICABLE.
20. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR A BURIED WARNING TAPE SPECIFIED AS PART OF THE TRENCH AND BACK FILL FOR ROADWAY LIGHTING. THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACK FILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
21. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.

LIGHTING INDEX OF SHEETS

SHEET NO.	DESCRIPTION
LTG-1	LIGHTING PLANS GENERAL NOTES & INDEX
LTG-2	LIGHTING PLANS LEGEND AND ABBREVIATIONS
LTG-3	LIGHTING PLANS TEMPORARY LIGHTING PLAN
LTG-4	LIGHTING PLANS TEMPORARY LIGHTING PLAN
LTG-5	LIGHTING PLANS WILLOW ROAD. & MILWAUKEE AVE SINGLE LINE DIAGRAM
LTG-6	LIGHTING PLANS MILWAUKEE AVE. & WILLOW ROAD UNDERPASS
LTG-7	LIGHTING PLANS WILLOW ROAD. & MILWAUKEE AVE WIRING DIAGRAM
LTG-8	LIGHTING PLANS WILLOW ROAD & MILWAUKEE AVE UNDERPASS LIGHT MOUNTING DETAILS
LTG-9	LIGHTING PLANS TEMPORARY LIGHT POLE DETAILS

LTG-1

		ILLINOIS DEPARTMENT OF TRANSPORTATION	
		LIGHTING PLANS GENERAL NOTES & INDEX WILLOW ROAD OVER US 45/IL 21 (MILWAUKEE AVE) AND OVER DES PLAINES RIVER	
REVISIONS		SCALE NONE	DRAWN BY CADD SC
NAME	DATE	DATE JANUARY 2005	CHECKED BY CDS

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