

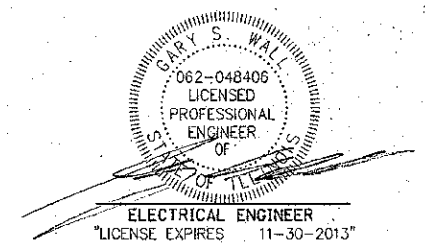
LIGHTING NOTES

- FIELD ADJUSTMENT OF LIGHTING UNIT LOCATIONS TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER. OFFSET FOUNDATIONS HAVE BEEN INCLUDED FOR POTENTIAL UTILITY CONFLICTS.
- CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING CONDUITS, DETECTORS AND EQUIPMENT. IF ANY OF THE CONDUIT AND/OR EQUIPMENT IS DAMAGED THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE COUNTY OR THE VILLAGE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
- ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS MUST BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK MUST BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
- EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND/OR BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
- CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES AND LANDSCAPING.
- NO UNDERGROUND SPLICES OR SPLICES IN HANDHOLES ARE PERMITTED. ELECTRIC HANDHOLES ARE FOR THE PURPOSE OF PULLING CABLES ONLY.
- LIGHTING UNIT SHALL BE SETBACK 3 FEET FROM FACE OF CURB TO CENTER OF POLE FOUNDATION.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR GROUNDING. GROUNDING CONNECTIONS AT THE FOUNDATION SHALL BE EXOTHERMICALLY WELDED, AS SPECIFIED, AND SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR BURIED WARNING TAPE, SPECIFIED AS PART OF "UNDERGROUND RACEWAYS". THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE ENGINEER PRIOR TO BACKFILLING.
- NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
- ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS IN TRENCHES SHALL BE INSTALLED BEFORE PAVEMENT IS PLACED. CONDUIT LENGTHS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACTUAL LENGTH REQUIREMENTS IN THE FIELD.
- ALL EXISTING LIGHTING UNITS ARE A COMBINATION OF 100W OR 150W HPS ROADWAY LUMINAIRE AND 70W HPS PEDESTRIAN LUMINAIRE. EACH POLE ALSO HAS BANNER ARMS AND RECEPTACLE. SEE DETAIL ON STREET LIGHTING DETAIL SHEET.

SUMMARY OF QUANTITIES - LIGHTING			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	EACH	1060
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	EACH	70
81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	40
81603110	UNIT DUCT, 600V, 4-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	4195
83800200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	248
84200804	REMOVAL OF POLE FOUNDATION	EACH	23
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	23
X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	4
X8360215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	48
X8002085	LIGHTING UNIT COMPLETE	EACH	7
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	8
	REMOVE EXISTING HANDHOLE, LIGHTING	EACH	6

LEGEND

	PROPOSED COM ED POWER POLE		EXISTING 100W/70W STREET LIGHT TYPE II, CLEAN AND RELAMP		EXISTING LIGHTING CONTROLLER, 200 AMP, 120/240 V, 3 WIRE
	EXISTING COM ED POWER POLE		EXISTING 150W/70W STREET LIGHT TYPE II, CLEAN AND RELAMP		EXISTING HANDHOLE TO BE REMOVED
	EXISTING BURIED LIGHTING CABLE		PROPOSED RELOCATION OF EXISTING 100W/70W LIGHT TYPE II, CLEAN AND RELAMP		EXISTING HANDHOLE TO REMAIN
	2" RGS CONDUIT, UNDERGROUND, 4' LONG WITH 3#2 OR AS INDICATED		PROPOSED RELOCATION OF EXISTING 150W/70W LIGHT TYPE II, CLEAN AND RELAMP		PROPOSED HANDHOLE
	1 1/2" UNIT DUCT 600V, 4#4 & 1#6 GND (XLP-TYPE USE) OR AS INDICATED		PROPOSED STREET LIGHT 150W HPS TYPE II, 26 FT M.H., 6 FT MAST ARM		EXISTING LIGHTING UNIT TO REMAIN
	PROPOSED 100W/70W LIGHTING UNIT		EXISTING LIGHTING UNIT TO BE RELOCATED		



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DESIGNED - MWH	REVISED -
DRAWN - MAC	REVISED -
CHECKED - TLH	REVISED -
DATE - 8/23/12	FILE - 110025-12.SL.4.SHT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES
- STREET LIGHTING

SCALE: NONE STA. TO STA.

F.A.P./F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0348/1352	05-00160-00-CH	COOK	109	72
C-91-070-06		CONTRACT NO. 63756		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT F-0348(35)		