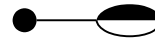
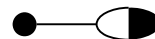


GENERAL NOTES

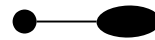
- ALL PROPOSED LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, WITH POLE NUMBERS ATTACHED WITH STAINLESS STEEL BANDING. LIGHTING UNIT NUMBERING SHALL BE AS DIRECTED BY THE ENGINEER.
- EXISTING LIGHT POLES TO BE REMOVED SHALL BE SALVAGED ACCORDING TO ARTICLE 842 OF THE STANDARD SPECIFICATIONS AND DELIVERED TO THE IDOT SIGN SHOP, 701 NORTH MACARTHUR, SPRINGFIELD, IL. FOUNDATIONS TO BE REMOVED, AND ALL ASSOCIATED HARDWARE AND APPURTENANCES, SHALL NOT BE SALVAGED BUT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
- THE PROPOSED LIGHT POLES SHALL BE LOCATED 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. WASHERS USED TO INSTALL THE POLE SHALL BE LARGE ENOUGH TO FULLY COVER THE SLOTTED HOLES IN THE POLE BASE PLATE.
- 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 IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE APPLICABLE UNDERGROUND CONDUIT AND UNIT DUCT PAY ITEMS.
- NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE INCREASED IF NECESSARY AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND INSTALL A CONCRETE WORK PAD IN FRONT OF THE LIGHTING CONTROLLER PER SECTION 825 OF THE STANDARD SPECIFICATIONS.
- UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT SHALL BE SCHEDULE 80 AS NOTED IN THE PLANS.
- STAINLESS STEEL SCREEN INSTALLED AROUND BREAKAWAY COUPLINGS OR ANCHOR RODS AND NUTS SHALL BE ACCORDING TO ART. 1070.04 (a)(2) c OF THE STANDARD SPECIFICATIONS EXCEPT THE MINIMUM WIRE DIAMETER SHALL BE AWG NO.16 (1.6 mm).
- NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
- ALL LIGHTING CIRCUITS SHOWN ON THE PLANS SHALL BE INSTALLED AND MADE OPERATIONAL PRIOR TO COMMENCEMENT OF ROADWAY CONSTRUCTION.
- ALL LIGHTING CIRCUITS FED FROM THE EXISTING CONTROLLER SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
- LOCATIONS OF EXISTING LIGHTING FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- THE CONTRACTOR SHALL PLACE A REVISED COPY OF THE AS-BUILT PLANS INSIDE THE PROPOSED LIGHTING CONTROLLERS LOCATED AT STATION 366+50 AND STATION 18+75.
- LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
- ANY UNIT DUCT OR UNDERGROUND CONDUIT NEEDED IN ADDITION TO WHAT IS SHOWN ON THE PLANS TO ENERGIZE THE PROPOSED LIGHTING CIRCUITS SHALL BE INSTALLED ACCORDING TO ARTICLE 810 AND ARTICLE 816 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR UNIT DUCT AND UNDERGROUND CONDUIT AS APPLICABLE.
- ANY DAMAGE TO DUCT AND CABLE TO REMAIN IN PLACE SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.



PROPOSED LIGHT POLE, ALUMINUM, 45. M.H., 15 FT. DAVIT ARM, 250 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3



PROPOSED LIGHT POLE, ALUMINUM, 50. M.H., 15 FT. DAVIT ARM, 400 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3



PROPOSED COMBINATION LIGHTING UNIT, ALUMINUM, 45. M.H., 15 FT. DAVIT ARM, 400 W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3, PHOTO-CELL CONTROL



PROPOSED LIGHTING CONTROLLER



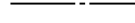
PROPOSED ELECTRIC SERVICE INSTALLATION



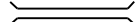
EXISTING ELECTRIC SERVICE INSTALLATION TO BE REMOVED



EXISTING LIGHTING CONTROLLER TO BE REMOVED



PROPOSED UNIT DUCT, SIZE AS NOTED



PROPOSED COILABLE NON-METALLIC CONDUIT, SIZE AS NOTED



UNIT DUCT, 600V, 2-1C NO.8, 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

CABLE/CONDUIT SCHEDULE

INDEX OF SHEETS

- GENERAL NOTES, LEGEND, INDEX OF SHEETS, BILL OF MATERIALS
- SCHEDULE OF QUANTITIES
- WIRING DIAGRAM
- 11 LIGHTING PLAN SHEETS

LIGHTING BILL OF MATERIALS

PAY ITEM	DESCRIPTION	UNIT	TOTALS	SIGNALS & LIGHTING AT I-72 RAMPS	LIGHTING AT PLEASANT RUN
80400100	ELECTRIC SERVICE INSTALLATION	EACH	3	2	1
81028760	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2 1/2" DIA.	FOOT	358	278	80
81603000	UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	5828	5586	242
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	9	8	1
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2	2	
82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240VOLT, 30AMP	EACH	1		1
82500330	LIGHTING CONTROLLER, PEDESTAL MOUNTED, 240VOLT, 60AMP	EACH	2	2	
83003600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. DAVIT ARM	EACH	9	8	1
83004600	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. DAVIT ARM	EACH	2	2	
83600355	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 6'	EACH	9	8	1
83600357	LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	2	2	
83800650	BREAKAWAY DEVICE, COUPLING WITH STAINLESS STEEL SCREEN	EACH	44	40	4
84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	12	12	
84200804	REMOVAL OF POLE FOUNDATION	EACH	12	12	
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1	1	
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1	1	
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1	1	

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHTING GENERAL NOTES, LEGEND, AND INDEX	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 72890							
Default	DATE -	REVISED -	SCALE:			SHEET 1 OF 11 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		