

GENERAL LIGHTING NOTES:

1. 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.
2. EXISTING LIGHT POLES AND 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.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
4. CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS, MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD 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.
5. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE "UNDERGROUND CONDUIT" PAY ITEM.
6. PROPOSED LIGHT POLES TO BE INSTALLED AT A 20 FEET SETBACK FROM THE EDGE OF TRAVELED PAVEMENT OR 4 FEET BEHIND THE GUARDRAIL UNLESS NOTED OTHERWISE ON THE PLANS. NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE ADJUSTED IF NECESSARY AS DIRECTED BY THE ENGINEER.
7. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHTTIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. ALL EXISTING CIRCUITS AND CABLES TO THE LIGHT POLES SHALL BE MAINTAINED AS NEEDED AND THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
9. ALL RELOCATIONS AND ADJUSTMENTS TO EXISTING LIGHTING UNITS TO SERVE AS TEMPORARY LIGHTING DUE TO STAGING OR CONSTRUCTION SHALL BE MADE AT NO ADDITIONAL COST. ADDITIONAL AERIAL CABLE SPANS SHALL BE FURNISHED AND INSTALLED AS DIRECTED BY THE ENGINEER, AND THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE CONTRACT.
10. BREAKAWAY DEVICES SHALL NOT BE INSTALLED FOR POLES LOCATED BEHIND THE GUARDRAIL OR MOUNTED ON BRIDGE PARAPET WALLS.
11. CONTRACTOR SHALL BE REQUIRED TO VERIFY AS-BUILT LOCATIONS OF ANY PROPOSED DRAINAGE OR UNDERGROUND STRUCTURES PRIOR TO CONSTRUCTING LIGHT POLE FOUNDATIONS AND MAKE NECESSARY ADJUSTMENTS TO ACCOMMODATE THESE FACILITIES.

BILL OF MATERIAL

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
81028350	UNDERGROUND CONDUIT, 2" DIA. PVC	FOOT	1,145
81028370	UNDERGROUND CONDUIT, 3" DIA. PVC	FOOT	441
	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	60
81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	890
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	10
81603000	UNIT DUCT, 600V, 2-1C NO. 8, 1/C NO. 8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	7,819
81603030	UNIT DUCT, 600V, 2-1C NO. 4, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	10,795
81603040	UNIT DUCT, 600V, 2-1C NO. 6, 1/C NO. 8 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	9,239
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	968
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	794
82102250	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	114
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	13
82104000	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, 400 WATT	EACH	6
82107300	UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	10
82500360	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 100 AMP	EACH	1
82500380	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP	EACH	1
83009300	LIGHT POLE, ALUMINUM, 45 FT. M.H., 8 FT. MAST ARM	EACH	4
83009600	LIGHT POLE, ALUMINUM, 45 FT. M.H., 15 FT. MAST ARM	EACH	114
83010600	LIGHT POLE, ALUMINUM, 50 FT. M.H., 15 FT. MAST ARM	EACH	9
83062735	LIGHT POLE, WEATHERING STEEL, 45 FT. M.H., TENON MOUNT - TWIN	EACH	1
83600357	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8'	EACH	137
83800650	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN	EACH	480
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	19
84200804	REMOVAL OF POLE FOUNDATION	EACH	32
84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	13
84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2
84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2
84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
X8410102	TEMPORARY LIGHTING SYSTEM	L. SUM	1

INDEX OF SHEETS

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L1

FILE NAME =	USER NAME = Gary Davis	DESIGNED - IDOT CENTRAL OFFICE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL LIGHTING NOTES, BILL OF MATERIAL AND INDEX OF SHEETS INTERSTATE 57	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...D978182-shr-Light-L-1-notes-index-1-57.dgn	DRAWN - GLD (CMT)	REVISED -				* (X1-6-2)HBK-2, HB-1,2; (X-1R-1	WILLIAMSON	968	542	
PLOT SCALE = 30.0000' / IN.	CHECKED -	REVISED -				* F.A.I. 57 AND F.A.P. 331			CONTRACT NO. 78182	
PLOT DATE = 10/13/2011	DATE - 10/7/2011	REVISED -							ILLINOIS FED. AID PROJECT	
				SCALE: N.T.S.	SHEET NO. L1 OF L42 SHEETS	STA.	TO STA.			