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- (A) UNIT DUCT, 600V, 2-1C NO.8, 1/C NO. 8 GROUND (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE
- (B) UNIT DUCT, 600V, 2-1C NO.4, 1/C NO. 6 GROUND (XLP-TYPE USE), 1" DIA. POLYETHYLENE
- (C) ELECTRIC CABLE IN CONDUIT, 600V, 2-1C NO.4, 1/C NO. 6 GROUND IN 2" DIA. PVC CONDUIT EMBEDDED IN STRUCTURE
- (D) 4-1/C NO. 10 AND 1/C NO. 10 GND. IN 1" PVC CONDUIT EMBEDDED IN STRUCTURE
- (E) 2-1/C NO. 10 AND 1/C NO. 10 GND. IN 1" PVC CONDUIT EMBEDDED IN STRUCTURE
- (F) 4-1/C NO. 10 AND 1/C NO. 10 GND. IN 1" UNDERGROUND PVC CONDUIT

COMBINATION LIGHTING UNIT 400W

- PROPOSED 250W HPS HORIZONTAL MOUNT, M-C-3
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM, 250W HPS HORIZONTAL MOUNT, M-C-3
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 50 FT. M.H., 15 FT. MAST ARM, 400W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3
- PROPOSED LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM, 400W HPS HORIZONTAL MOUNT LUMINAIRE, M-C-3
- EXISTING LUMINAIRE ON EXISTING MAST ARM TO REMAIN IN PLACE
- PROPOSED LIGHTING CONTROLLER
- PROPOSED ELECTRIC SERVICE INSTALLATION
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, SIZE AS NOTED
- PROPOSED UNDERPASS LUMINAIRE, 150W HPS, ATTACHED TO THE CENTER PIER
- PROPOSED UNIT DUCT, SIZE AS NOTED
- PROPOSED CONDUIT, SIZE AS NOTED
- PROPOSED ELECTRIC CABLE IN CONDUIT, SIZE AS NOTED
- PROPOSED PVC CONDUIT EMBEDDED IN STRUCTURE, SIZE AS NOTED

GENERAL NOTES

1. ALL PROPOSED LIGHTING UNITS SHALL BE LABELLED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. LABELLING SHALL INCLUDE THE LIGHT POLE NUMBER AND CIRCUIT DESIGNATION AS DIRECTED BY THE RESIDENT ENGINEER.
2. ALL EXISTING ALUMINUM LIGHT POLES, LUMINAIRES, STEEL FOUNDATIONS, AND ASSOCIATED HARDWARE AND APPURTENANCES SHALL BE REMOVED AND DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ELECTRICAL WORK WITH OTHER TRADES.
4. PROPOSED LIGHT POLES SHALL BE LOCATED AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. CONCRETE LIGHT POLE FOUNDATIONS SHALL BE INSTALLED FLUSH WITH THE PROPOSED GRADE AND SHALL MEET THE HEIGHT REQUIREMENTS CONTAINED IN ARTICLE 836.03 OF THE STANDARD SPECIFICATIONS.
6. FOUNDATIONS INSTALLED WITHIN THE CLEAR ZONE, UNLESS LOCATED BEHIND GUARD RAIL, SHALL NOT PROTRUDE MORE THAN 4 INCHES ABOVE THE FINISHED GRADE WITHIN A 5 FT CHORD ACROSS THE FOUNDATION, WITH ANCHOR BOLTS AND BREAKAWAY DEVICE INCLUDED.
7. THE CONTRACTOR SHALL INSTALL LIGHT POLES AT THE LOCATIONS INDICATED ON THE PLANS WHILE MAINTAINING ADEQUATE CLEARANCE FROM OVERHEAD UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING CLEARANCES PER THE NATIONAL ELECTRIC CODE AND WITH THE UTILITY COMPANIES. THE LOCATIONS OF BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE SHOWN FOR INFORMATION ONLY. ANY REROUTING, DISCONNECTION, RELOCATION, AND PROTECTION OF UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND THE DEPARTMENT. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

GENERAL NOTES CONT.

8. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING AND HAND DIGGING AROUND UTILITIES AS NEEDED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEMS FOR UNDERGROUND CONDUIT AND UNIT DUCT.
9. PROPOSED LIGHT POLES LOCATED ALONG IL 6 AND ALONG RAMPS SHALL BE INSTALLED A MINIMUM OF 20 FEET FROM THE EDGE OF THE TRAVELLED WAY OR FIVE FEET BEHIND GUARD RAIL UNLESS OTHERWISE NOTED IN THE PLANS.
10. THE CONTRACTOR SHALL PROVIDE AND INSTALL A CONCRETE WORK PAD IN FRONT OF THE PROPOSED LIGHTING CONTROLLER IN ACCORDANCE WITH ARTICLE 825 OF THE STANDARD SPECIFICATIONS.
11. BREAKAWAY DEVICES ARE NOT REQUIRED FOR LIGHT POLES LOCATED BEHIND GUARDRAIL OR MOUNTED ON BRIDGE PARAPET.
12. NO LIGHTING CIRCUIT OR PORTION THEREOF SHALL BE REMOVED FROM NIGHT TIME OPERATION WITHOUT APPROVAL OF THE ENGINEER.
13. ALL LIGHTING SPLICES SHALL BE MADE IN THE BASES OF LIGHT POLES OR MAST ARMS OR IN JUNCTION BOXES WHERE INDICATED ON THE PLANS. NO SPLICES WILL BE ALLOWED IN HANDHOLES.
14. THE REMOVAL OF EXISTING SIGN LIGHTING ON STRUCTURES THAT ARE MADE IN THE PLANS FOR REMOVAL WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE PAY ITEM FOR THE REMOVAL OF THE STRUCTURE.
15. THE REMOVAL OF EXISTING SIGN LIGHTING ON EXISTING STRUCTURES THAT ARE TO REMAIN IN PLACE SHALL BE INCLUDED IN THE PAY ITEM REMOVAL OF EXISTING SIGN LIGHTING UNIT, NO SALVAGE.
16. NO POLES TO BE INSTALLED IN THE FLOWLINE OF DITCH. POLE SETBACK TO BE REDUCED TO NOT LESS THAN 15 FT IF NECESSARY AS DIRECTED BY THE ENGINEER.

BILL OF MATERIALS

DESCRIPTION	UNIT	TOTALS
ELECTRIC SERVICE INSTALLATION	EACH	2
UNDERGROUND CONDUIT, PVC, 1" DIA.	FOOT	11
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1,783
UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	490
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	115
CONDUIT EMBEDDED IN STRUCTURE, 1" DIA., PVC	FOOT	175
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	265
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6"	EACH	1
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	3
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
UNIT DUCT, 600V, 2-1C NO.8, 1/C NO.8 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	345
UNIT DUCT, 600V, 2-1C NO.4, 1/C NO.6 GROUND, (XLP-TYPE USE), 1" DIA. POLYETHYLENE	FOOT	14,000
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	848
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	14,200
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	547
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT	EACH	33
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	45
UNDERPASS LUMINAIRE, 150 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	4
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 100AMP	EACH	1
LIGHT POLE, GALVANIZED STEEL, 45 FT. M.H., 15 FT. MAST ARM	EACH	34
LIGHT POLE, GALVANIZED STEEL, 50 FT. M.H., 15 FT. MAST ARM	EACH	40
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	511
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	73
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	1
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	11
REMOVAL OF POLE FOUNDATION	EACH	12
REMOVAL OF LIGHTING CONTROLLER	EACH	1
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	5
REMOVAL OF EXISTING SIGN LIGHTING UNIT WITH NO SALVAGE	EACH	2
CONDUIT ATTACHED TO STRUCTURE, 2" DIA. STAINLESS STEEL	FOOT	10
LUMINAIRE, LED, CEILING MOUNT, 50 WATT	EACH	8
LIGHTING CONTROLLER, SPECIAL	EACH	1
TEMPORARY LIGHTING SYSTEM	L SUM	1

GENERAL NOTES CONT.

17. LUMINAIRES SHALL BE ORIENTED WITH OPTICS PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY AS REQUIRED BY ARTICLE 821.04 OF THE STANDARD SPECIFICATIONS.
18. THE CONTRACTOR SHALL VERIFY THAT THE LOADING OF THE POLE, ARMS, LUMINAIRES, AND APPURTENANCES DOES NOT EXCEED THE CAPACITY OF THE BREAKAWAY DEVICE.
19. THE CONTRACTOR SHALL AVOID CONTACT OF DISSIMILAR METALS IN ERECTING THE POLE ON ITS FOUNDATION AND/OR BREAKAWAY DEVICE AS REQUIRED BY ARTICLE 830.03 (a) OF THE STANDARD SPECIFICATIONS.

MAURER-STUTZ

FILE NAME :	USER NAME : bosvanson	DESIGNED -	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ALLEN ROAD IMPROVEMENTS
LIGHTING - GENERAL NOTES, LEGEND, SCHEDULES AND INDEX**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105: (72-7HB)BY	PEORIA	487	269
6585			CONTRACT NO. 68683	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 19 SHEETS STA. TO STA.