



LEGEND:

- LIGHTING UNIT COMPLETE (X=CIRCUIT DESIGNATION)
- LIGHT FIXTURE ASSEMBLY-TYPE A, 70W, 120V, UL-LISTED L.E.D. (5' COLUMN WASHLIGHT AND BRIDGE PANEL WASHLIGHT)
- LIGHT FIXTURE ASSEMBLY-TYPE B, 40W, 120V, UL-LISTED L.E.D. (3' COLUMN WASHLIGHT)
- LIGHT FIXTURE ASSEMBLY-TYPE C, 39W, 120V, UL-LISTED METAL HALIDE (WALL UPLIGHT)
- LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP.
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"
- CONDUIT ATTACHED TO STRUCTURE
- UNDERGROUND UNIT DUCT
- KEY NOTE

SEE ELECTRICAL PLAN 3 FOR ELECTRIC SERVICE INSTALLATION

KEY NOTES:

- ① 3-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC ATTACHED TO STRUCTURE.
- ② 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC ATTACHED TO STRUCTURE.
- ③ 3-1/2 NO. 6 AND 1/2 NO. 6 GND. IN 3" PVCC RGC ATTACHED TO STRUCTURE.
- ④ 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 3" PVCC RGC ATTACHED TO STRUCTURE.
- ⑤ 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 3/4" DIA. UNIT DUCT.
- ⑥ 3-1/2 NO. 6 AND 1/2 NO. 6 GND. IN 1 1/4" DIA. UNIT DUCT.
- ⑦ ATTACH CONDUITS AND JUNCTION BOXES TO BRIDGE PIERS SIMILAR TO UNDERPASS LIGHTING CIRCUITS SHOWN ON DRAWING BE-902, "PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS".
- ⑧ ATTACH CONDUITS SIMILAR TO DRAWING BE-602, "ELECTRIC CONNECTION TO SIGN STRUCTURE BRIDGE TYPE", EXCEPT CONDUIT SHALL BE 1" DIA. SEE ENHANCEMENT DETAILS SHEETS FOR FIXTURE LOCATIONS AND MOUNTING.

FILE NAME = S:\JOL\36800-3699\3661\001\Micros\PI60K77-eh-electric-plan.dgn

SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = dennisw
 DESIGNED - MAG
 DRAWN - DJW
 CHECKED - DWG
 DATE - 6/1/12
 PLOT SCALE = 40.0000' / in.
 PLOT DATE = 1/24/2013

DESIGNED - MAG
 DRAWN - DJW
 CHECKED - DWG
 DATE - 6/1/12

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN (2 OF 3)

SCALE: AS SHOWN SHEET NO. X OF X SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	76
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				