







LEGEND

-  ALGONQUIN UNDERPASS LUMINAIRE, 70 WATT HIGH PRESSURE SODIUM VAPOR, TYPE III DISTRIBUTION, 120V (WATTAGE AS NOTED)
-  PROPOSED ALGONQUIN LIGHTING UNIT TYPE 4, ORNAMENTAL LIGHTING, LED ACORN POST MOUNTED, 12 FT. M.H., 120V
-  RIGID GALVANIZED STEEL CONDUIT, (TYPE AND SIZE AS NOTED)
-  CONDUIT EMBEDDED IN STRUCTURE WITH ELECTRIC CABLE (TYPE AND SIZE AS NOTED) OR UNIT DUCT, 600V, (XLP-TYPE USE) (TYPE AND SIZE AS NOTED)
-  JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE
JB1 - 6"x6"x4"
JB2 - 12"x10"x6"
OR
JUNCTION BOX, EMBEDDED IN STRUCTURE, 18"x12"x6"
-  HANDHOLE

ALGONQUIN UNDERPASS LUMINAIRE, 70 WATT HIGH PRESSURE SODIUM VAPOR, TYPE III DISTRIBUTION, 120V (TYP.)

JUNCTION BOX EMBEDDED IN STRUCTURE 18"x12"x6" LID COVER: VILLAGE OF ALGONQUIN

PROPOSED ALGONQUIN LIGHTING UNIT TYPE 4, ORNAMENTAL LIGHTING, LED ACORN POST MOUNTED, 12 FT. M.H., 120V (TYP.)

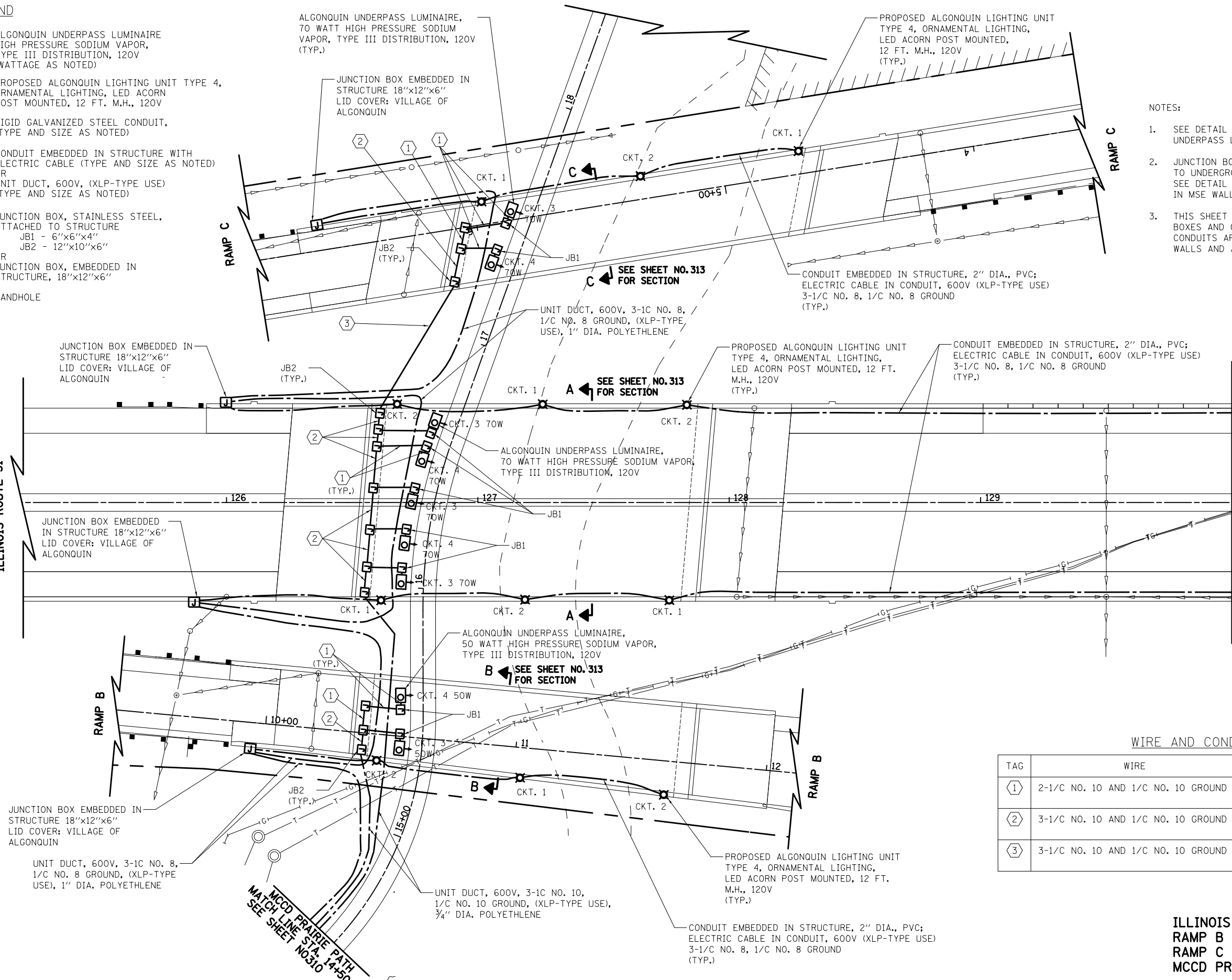


NOTES:

1. SEE DETAIL SHEET NO. 314 FOR SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS
2. JUNCTION BOX AND CONDUIT RUNNING DOWN FROM THE BRIDGE TO UNDERGROUND WILL NOT BE ATTACHED TO MSE WALL. SEE DETAIL SHEET NO. 314 FOR CONDUIT EMBEDDED IN MSE WALL.
3. THIS SHEET ONLY SHOWS VILLAGE OF ALGONQUIN JUNCTION BOXES AND CONDUITS ONLY. IDOT JUNCTION BOXES AND CONDUITS ARE ALSO RUNNING IN THE PARAPET OR BARRIER WALLS AND ARE SHOWN ON SHEET NO.301

ILLINOIS ROUTE 31

ILLINOIS ROUTE 31
MATCH LINE STA. 130+00
SEE SHEET NO.309



WIRE AND CONDUIT TABLE

TAG	WIRE	RIGID GALVANIZED STEEL CONDUIT
①	2-1/C NO. 10 AND 1/C NO. 10 GROUND	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL
②	3-1/C NO. 10 AND 1/C NO. 10 GROUND	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL
③	3-1/C NO. 10 AND 1/C NO. 10 GROUND	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.,

**ILLINOIS ROUTE 31
RAMP B
RAMP C
MCCD PRAIRIE PATH**



FILE NAME = ...\\D160F72-sht-light-10.dgn
CIVILTECH

USER NAME = akw
DESIGNED - SJC
DRAWN - SJC
PLOT SCALE = 40.0000' / in.
CHECKED - DNM
PLOT DATE = 5/2/2012
DATE - 5/3/2012

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LIGHTING PLAN
VILLAGE OF ALGONQUIN**

SCALE: 1" = 20' SHEET NO. 11 OF 31 SHEETS STA. 126+00 TO STA. 140+00

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	308
				CONTRACT NO. 60F72

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT