

LEGEND

-  IDOT UNDERPASS LUMINAIRE HIGH PRESSURE SODIUM VAPOR, 240V (PHASE TO NEUTRAL) (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"

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

CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC;
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
3-1/C NO. 8, 1/C NO. 8 GROUND
(TYP.)

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

UNIT DUCT, 600V, 3-1/C NO. 10, 1/C NO. 10 GROUND,
(XLP-TYPE USE), 3/4" DIA. POLYETHYLENE

UNDERGROUND CONDUIT,
GALVANIZED STEEL, 4" DIA.
SEE SHEET NO. 306

ILLINOIS ROUTE 31
MATCH LINE STA. 130+00
SEE SHEET NO. 308

SEE SHEET NO. 313
FOR SECTION D

ILLINOIS ROUTE 31

CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC;
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE)
3-1/C NO. 8, 1/C NO. 8 GROUND
(TYP.)

IDOT UNDERPASS LUMINAIRE, 70 WATT
HIGH PRESSURE SODIUM VAPOR, TYPE 3
(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.

