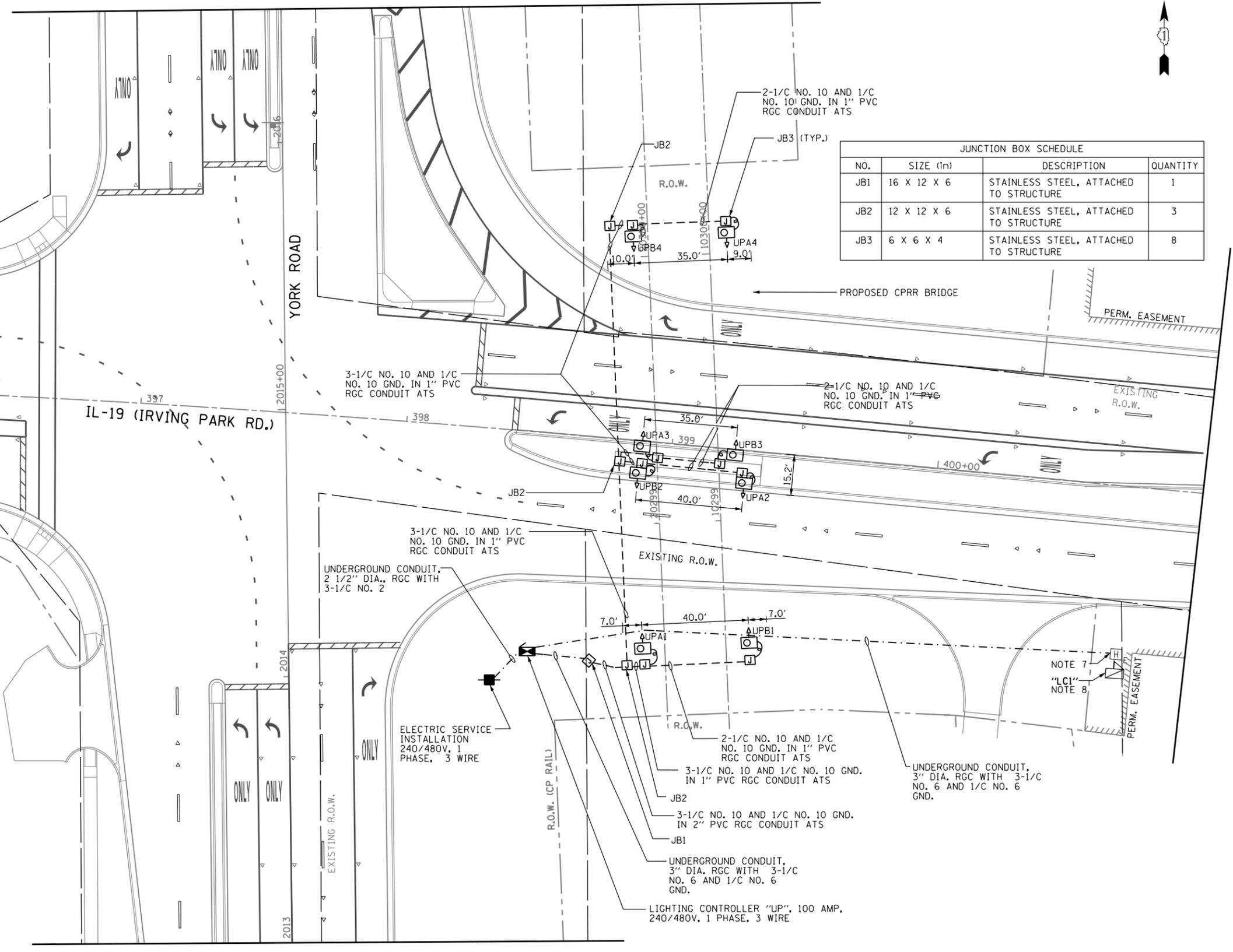


100W HPS, UNDERPASS LUMINAIRE DETAILS
N.T.S.

| JUNCTION BOX SCHEDULE | | | |
|-----------------------|-------------|--|----------|
| NO. | SIZE (in) | DESCRIPTION | QUANTITY |
| JB1 | 16 X 12 X 6 | STAINLESS STEEL, ATTACHED TO STRUCTURE | 1 |
| JB2 | 12 X 12 X 6 | STAINLESS STEEL, ATTACHED TO STRUCTURE | 3 |
| JB3 | 6 X 6 X 4 | STAINLESS STEEL, ATTACHED TO STRUCTURE | 8 |

NOTES:

- SEE DRAWING E-1 FOR ELECTRICAL GENERAL NOTES.
- SEE DRAWING E-2 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS AND SCHEDULE OF QUANTITIES.
- UNDERPASS LUMINAIRE SHALL BE 100W HPS, VERY SHORT NON CUTOFF TYPE 4 DISTRIBUTION, 240 VOLT, GE VERSAFLOOD II WALLIGHTER MODEL #V2FW10S3A1SNAGRFL, OR APPROVED EQUAL. SEE THIS SHEET AND DRAWING E-7 FOR UNDERPASS LIGHTING DETAILS AND SECTIONS.
- PROPOSED LUMINAIRE TO BE MOUNTED TO THE ABUTMENT WALLS AND CENTER PIER.
- INSTALL PROPOSED UNDERPASS LUMINAIRE AT 14.5 FT MOUNTING HEIGHT AFTER THE COMPLETION OF THE BRIDGE DECK.
- INSTALL 10A FUSES WITH DISCONNECT TYPE FUSE HOLDERS FOR PHASE WIRES FOR CIRCUITS A AND B IN THE JB1 JUNCTION BOX. COST TO BE INCLUDED IN THE PRICE FOR JUNCTION BOX JB1.
- CONTRACTOR SHALL REMOVE THE EXISTING CABLE FROM THE CONDUIT RUNNING FROM THE HANDHOLE TO THE JUNCTION BOX ON THE UPRR BRIDGE ABUTMENT WALL. CONTRACTOR SHALL THEN INSTALL NEW CONTINUOUS NO. 6 CABLE FROM THE PROPOSED CONTROLLER TO THE JUNCTION BOX ON THE UPRR BRIDGE ABUTMENT WALL. REMOVAL OF THE EXISTING CABLE SHALL BE INCLUDED IN THE COST OF THE PROPOSED CABLE.
- CONTRACTOR SHALL REMOVE THE EXISTING TEMPORARY CONTROLLER "LC1" AND TEMPORARY ELECTRIC SERVICE INCLUDING CABLES AND CONDUITS TO SERVICE AND HANDHOLE AFTER THE PROPOSED SERVICE AND CONTROLLER OF UPRR UNDERPASS LIGHTING IS IN OPERATION. THE CONTRACTOR SHALL RECONNECT UPRR UNDERPASS LUMINAIRE TO "UP" CONTROLLER CIRCUITS. THE UPRR LUMINAIRE SHALL BE RETAGGED AS SHOWN ON THESE DRAWINGS AND THE COST OF RETAGGING SHALL BE INCLUDED IN THE COST OF THE PROPOSED UNDERPASS LUMINAIRE.
- PLAN SHEET IS DEPICTED WITH THE ULTIMATE PROPOSED GEOMETRY CONDITION BY OTHERS AS A BACKGROUND FOR REFERENCE.
- CONTRACTOR SHALL VERIFY CONTINUITY OF EQUIPMENT GROUND FROM "UP" CONTROLLER TO ALL UNDERPASS LUMINAIRE INCLUDING EXISTING LUMINAIRE OF UPRR BRIDGE.



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CONSULTING ENGINEERS FAX: (312) 629-8449

| | | |
|-----------------------|-------------------|-----------|
| USER NAME = user | DESIGNED - MK | REVISED - |
| PLOT SCALE = *SCALE* | DRAWN - YJ | REVISED - |
| PLOT DATE = 11/2/2012 | CHECKED - LGP/GR | REVISED - |
| | DATE - 11-02-2012 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**UNDERPASS LIGHTING PLAN
IL ROUTE 19 (IRVING PARK RD.)**

| | | | | |
|---------------------------|---------|--------|--------------|-----------|
| F.A.U. RE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 1321 | 32VB | DUPAGE | 388 | 136 |
| CONTRACT NO. 60W01 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCALE: 1"=20' SHEET NO. 2 OF 7 SHEETS STA. TO STA.