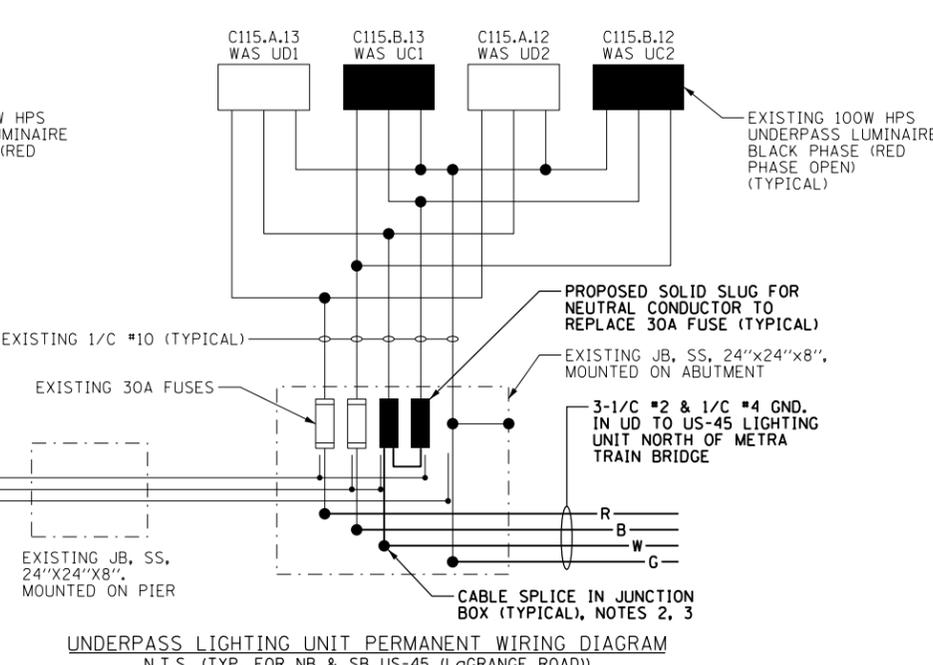
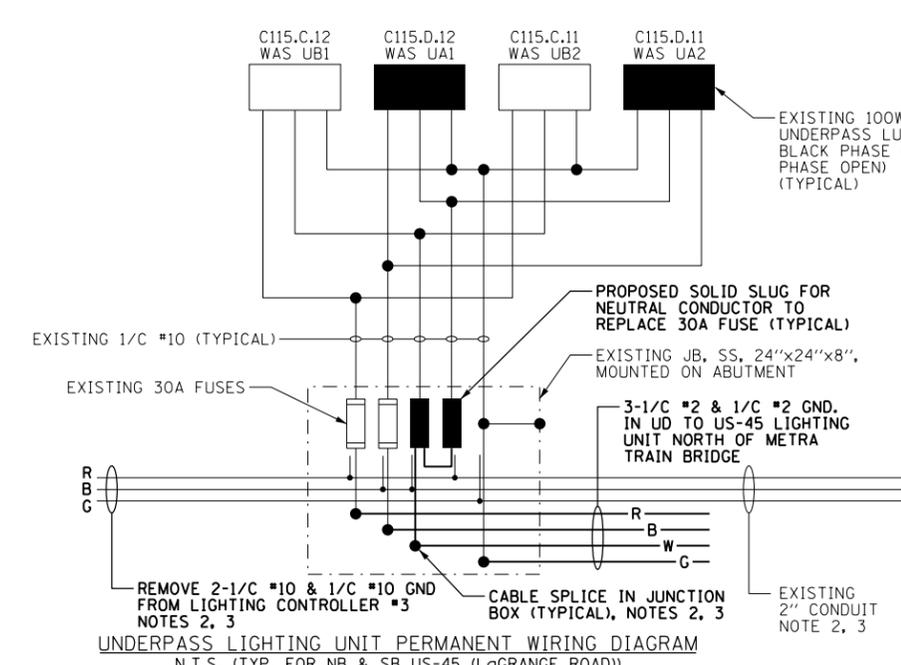


- NOTES:**
- SEE DRAWING E-1 FOR ELECTRICAL SYMBOL LIST AND ABBREVIATIONS. SEE DRAWING E-2 FOR ELECTRICAL GENERAL NOTES AND SUGGESTED LIGHTING PHASING NOTES.
 - IN STAGE 1A, CONTRACTOR MUST DISCONNECT 2-1/C #10 & 1/C #10 GND WIRES FROM LINE SIDE OF FUSES WITHIN JUNCTION BOX ON EAST ABUTMENT, AND REMOVE WIRES BACK TO CORRESPONDING JUNCTION BOX ON WEST ABUTMENT. CONTRACTOR MUST NOT DISTURB CABLES PREVIOUSLY INSTALLED FOR PEDESTRIAN PATH LIGHTING. ALL EXISTING CONDUIT AND JUNCTION BOXES SHALL REMAIN IN PLACE AFTER CABLES ARE REMOVED. CONTRACTOR MUST INSTALL PULL STRINGS IN CONDUITS THAT WIRES ARE BEING REMOVED FROM. LUMINAIRES ON WEST SIDE OF UNDERPASS MUST REMAIN CONNECTED TO CONTROLLER #3, AND ENERGIZED DURING NIGHTTIME HOURS. CONTRACTOR MUST THEN REPLACE FUSES WITH SOLID NEUTRAL SLUGS AS SHOWN, JUMPER THE NEUTRAL SLUGS TOGETHER, AND CONNECT TO NEUTRAL WIRE FOR NEW ROADWAY LIGHTING CIRCUIT AS SHOWN IN WIRING DIAGRAM. CONTRACTOR MUST CONNECT NEW LIGHTING PHASE AND GROUND WIRES FROM ROADWAY LIGHTING CONTROLLER "C115" TO 30A FUSES FOR UNDERPASS LIGHTING. THIS WORK SHALL BE INCLUDED IN THE "UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.2 GROUND, (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
 - IN STAGE 3, CONTRACTOR MUST DISCONNECT 2-1/C #10 & 1/C #10 GND WIRES FROM LINE SIDE OF FUSES WITHIN JUNCTION BOX ON WEST ABUTMENT, AND REMOVE WIRES BACK TO CONTROLLER #3 NEAR "ORLAND PARK VILLAGE CENTER" SIGN. CONTRACTOR MUST NOT DISTURB CABLES PREVIOUSLY INSTALLED FOR PEDESTRIAN PATH LIGHTING. ALL EXISTING CONDUIT AND JUNCTION BOXES SHALL REMAIN IN PLACE AFTER CABLES ARE REMOVED. CONTRACTOR MUST INSTALL PULL STRINGS IN CONDUITS THAT WIRES ARE BEING REMOVED FROM. CONTRACTOR MUST THEN REPLACE FUSES WITH SOLID NEUTRAL SLUGS AS SHOWN, JUMPER THE NEUTRAL SLUGS TOGETHER, AND CONNECT TO NEUTRAL WIRE FOR NEW ROADWAY LIGHTING CIRCUIT AS SHOWN IN WIRING DIAGRAM. CONTRACTOR MUST CONNECT NEW LIGHTING PHASE AND GROUND WIRES FROM ROADWAY LIGHTING CONTROLLER "C115" TO 30A FUSES FOR UNDERPASS LIGHTING. THIS WORK SHALL BE INCLUDED IN THE "UNIT DUCT, 600V, 3-1/C NO.2, 1/C NO.2 GROUND, (XLP-TYPE USE), 1/4" DIA. POLYETHYLENE" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
 - CONTRACTOR MUST RELABEL EXISTING UNDERPASS LUMINAIRES TO BECOME IDENTIFIED BY THE NEW NAMES SHOWN ON THIS DRAWING. THIS WORK SHALL BE INCLUDED IN THE "UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR, STAINLESS STEEL HOUSING" PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
 - TERMINATE RECEPTACLE CABLES IN JUNCTION BOXES FOR FUTURE RECEPTACLES.



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|------------------------------------|------------------------------|-----------------|-----------|
| FILE NAME = D160M62-SHT-E09.dgn | USER NAME = Anthony.Plutz | DESIGNED - MAE | REVISED - |
| SHT.PLAN | PLOT SCALE = 20.000000 / in. | DRAWN - WM | REVISED - |
| | PLOT DATE = 3/13/2013 | CHECKED - DAD | REVISED - |
| | | DATE - 03/13/13 | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

UNDERPASS LIGHTING PLAN
MULTI-USE PATH BRIDGE & RAILROAD BRIDGE

SCALE: 1" = 10' SHEET 1 OF 1 SHEETS STA. 164+23 TO STA. 167+50

| | | | | |
|---------------------------|---------|--------------------|--------------|-----------|
| F.A.P. R.T.E. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 330 | 103R-5 | COOK | 778 | 333 |
| E-9 | | CONTRACT NO. 60M62 | | |
| ILLINOIS FED. AID PROJECT | | | | |

