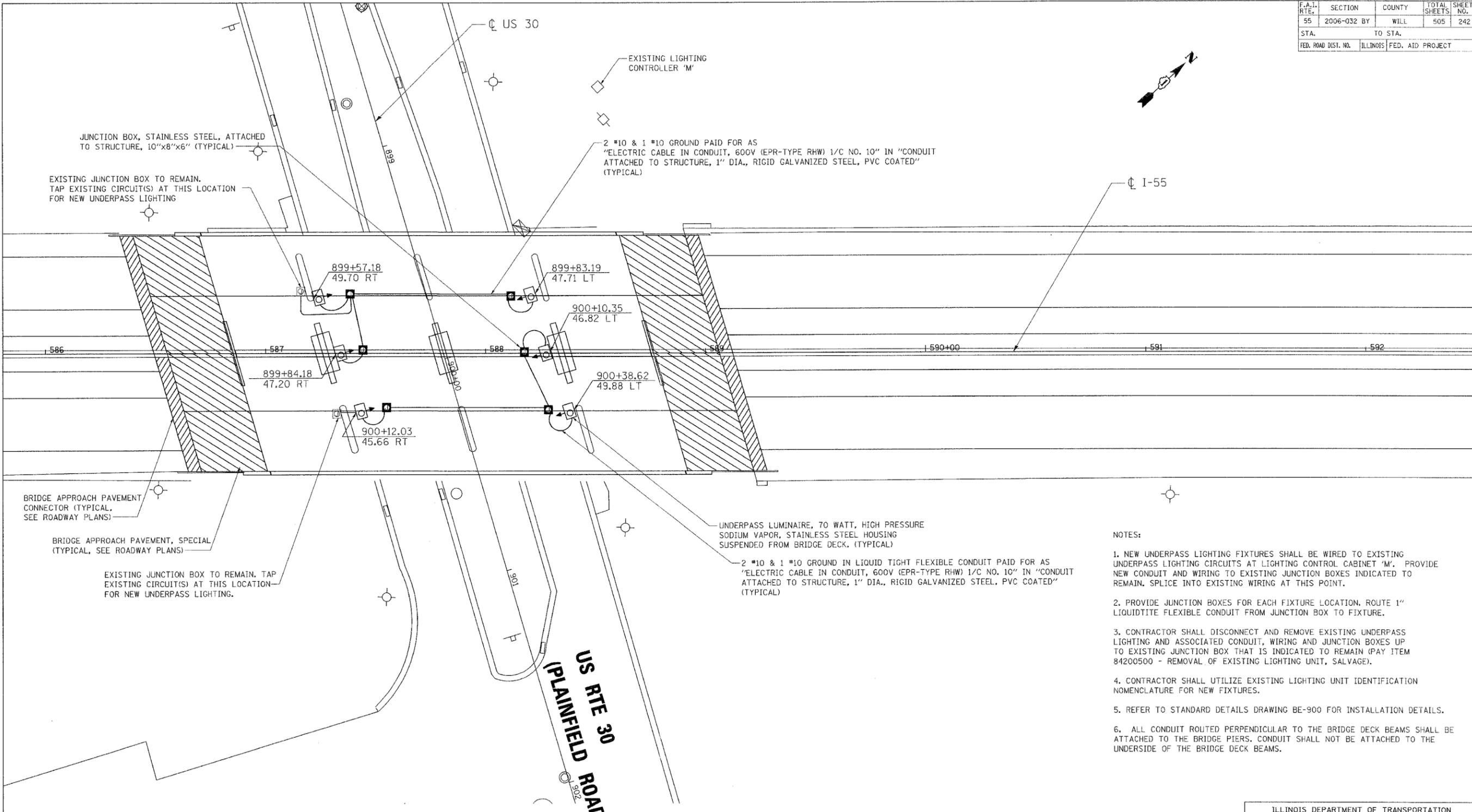


| | | | | |
|---------------------|-------------|------------------|--------------|-----------|
| CONTRACT NO. 60B86 | | | | |
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 55 | 2006-032 BY | WILL | 505 | 242 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



NOTES:

1. NEW UNDERPASS LIGHTING FIXTURES SHALL BE WIRED TO EXISTING UNDERPASS LIGHTING CIRCUITS AT LIGHTING CONTROL CABINET 'M'. PROVIDE NEW CONDUIT AND WIRING TO EXISTING JUNCTION BOXES INDICATED TO REMAIN. SPLICE INTO EXISTING WIRING AT THIS POINT.
2. PROVIDE JUNCTION BOXES FOR EACH FIXTURE LOCATION. ROUTE 1" LIQUIDTITE FLEXIBLE CONDUIT FROM JUNCTION BOX TO FIXTURE.
3. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING UNDERPASS LIGHTING AND ASSOCIATED CONDUIT, WIRING AND JUNCTION BOXES UP TO EXISTING JUNCTION BOX THAT IS INDICATED TO REMAIN (PAY ITEM 84200500 - REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE).
4. CONTRACTOR SHALL UTILIZE EXISTING LIGHTING UNIT IDENTIFICATION NOMENCLATURE FOR NEW FIXTURES.
5. REFER TO STANDARD DETAILS DRAWING BE-900 FOR INSTALLATION DETAILS.
6. ALL CONDUIT ROUTED PERPENDICULAR TO THE BRIDGE DECK BEAMS SHALL BE ATTACHED TO THE BRIDGE PIERS. CONDUIT SHALL NOT BE ATTACHED TO THE UNDERSIDE OF THE BRIDGE DECK BEAMS.

| ITEM DESCRIPTION | UNIT | TOTAL |
|---|------|-------|
| JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 10" X 8" X 6" | EACH | 6 |
| ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE RHW) 1/C NO. 10 | FOOT | 1000 |
| UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR, STAINLESS STEEL HOUSING | EACH | 6 |
| REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE | EACH | 6 |
| CONDUIT ATTACHED TO STRUCTURE, 1" DIA., RIGID GALVANIZED STEEL, PVC COATED | FOOT | 320 |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-55
 US 30 (PLAINFIELD ROAD) TO LILY CACHE SLOUGH

**DECK LIGHTING PLAN
 AT US 30**

SCALE: 1"=20'
 DATE 07/21/06
 DRAWN BY MMP
 CHECKED BY JM

TENG
 TENG & ASSOCIATES, INC.
 ENGINEERS/ARCHITECTS/PLANNERS
 CHICAGO, ILLINOIS

PLOT DATE = 08/07/06
 PLOT SCALE = 1"=20'
 USER NAME = JUSERN
 7-18-2006 17:27:48
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 8/7/2006 17:27:48
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