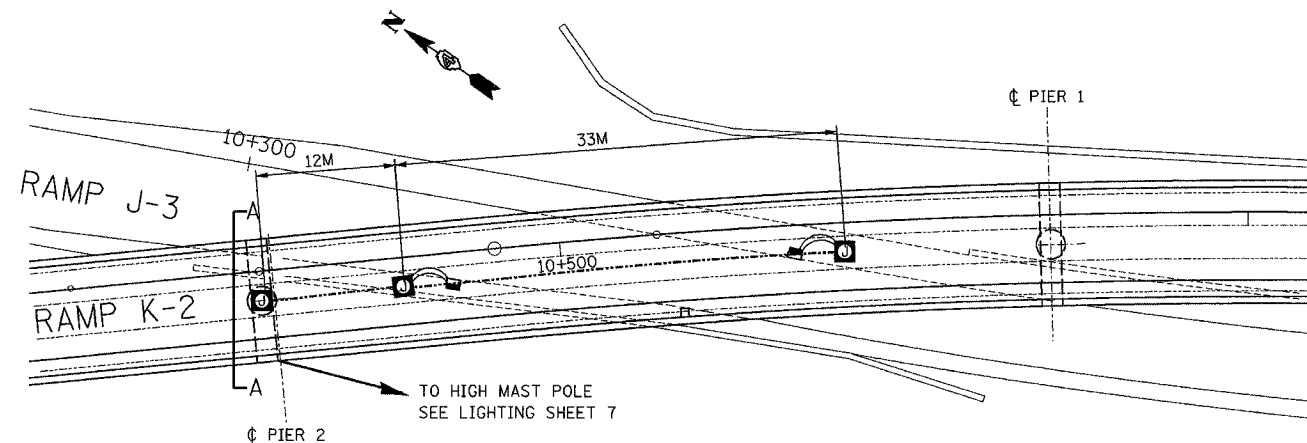


| | | | | |
|---------------------|--------------------------------|------------------|--------------|--------------------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 74 | | TAZEWELL | 1366 | 1226 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |
| | * (90-111R-2)9013, 14, 14-1R-1 | | | CONTRACT NO. 68201 |

STREET LIGHTING - BILL OF MATERIAL - THIS SHEET

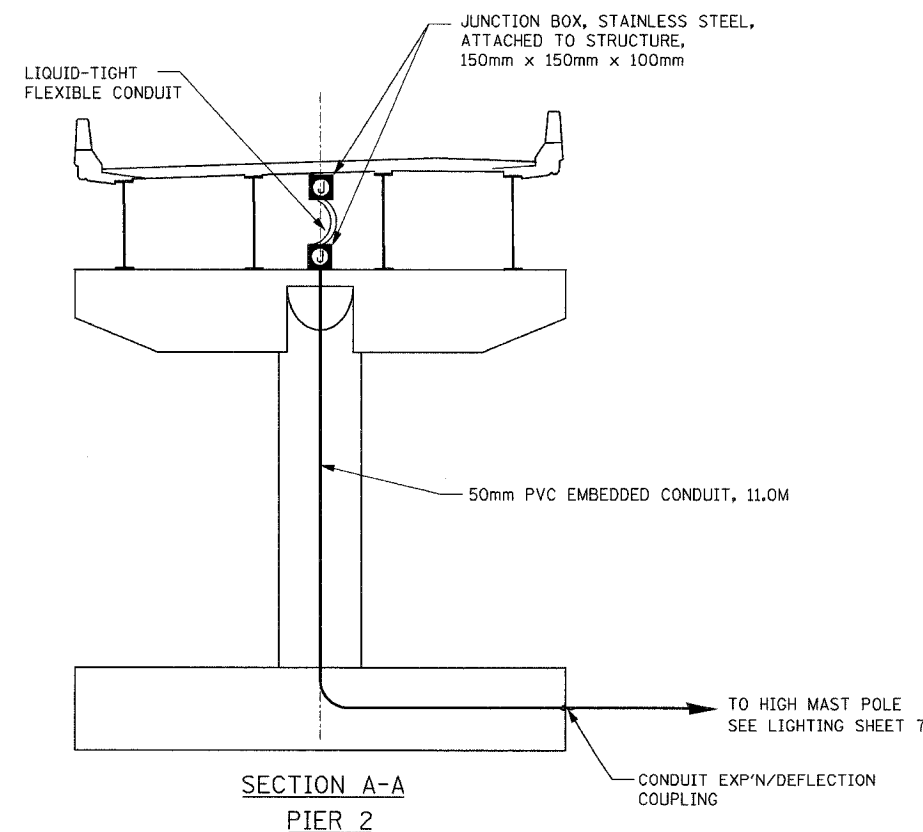
| PAY ITEM | UNIT | QTY. |
|--|-------|------|
| CONDUIT ATTACHED TO STRUCTURE, 25mm DIA., GALVANIZED STEEL | METER | 45.0 |
| CONDUIT EMBEDDED IN STRUCTURE, 50mm DIA., PVC | METER | 11 |
| JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 150mm X 150mm X 100mm | EACH | 4 |
| UNDERPASS LUMINAIRE (INSTALL ONLY) | EACH | 2 |



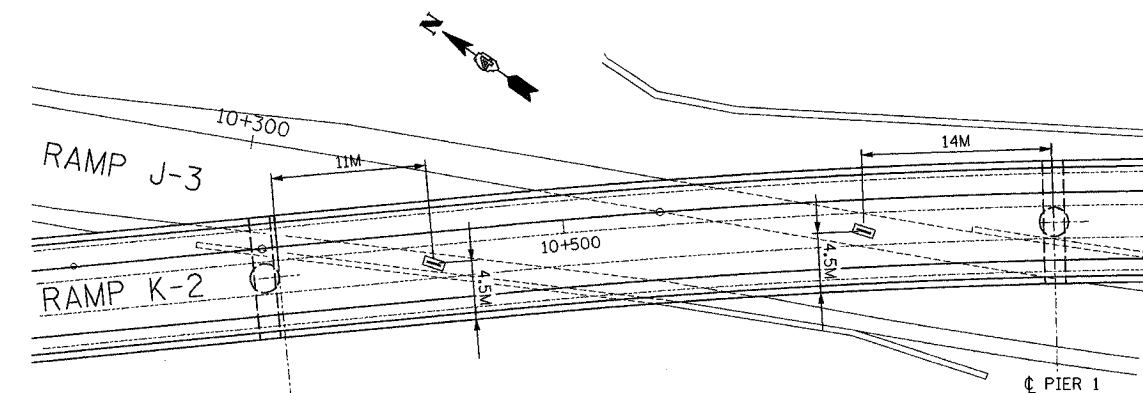
PLAN VIEW
ATTACHED CONDUIT & JUNCTION BOXES

LEGEND

- PROPOSED JUNCTION BOX
- PROPOSED ATTACHED CONDUIT, 25mm DIA., GALVANIZED STEEL
- PROPOSED EMBEDDED CONDUIT, 50mm DIA. PVC SCHEDULE 40
- PROPOSED LIQUID-TIGHT FLEXIBLE CONDUIT, 25mm
- EMBEDDED CONCRETE INSERT (SEE DETAIL SHEET 33)
- UNDERPASS LUMINAIRE, HPSV, 100 WATT, 240 VOLT (SEE DETAIL SHEET 33).



SECTION A-A
PIER 2



PLAN VIEW-
EMBEDDED CONCRETE INSERTS

NOTES:

1. FOR WIRING PLAN SEE LIGHTING SHEET 20.
2. ALL EMBEDDED CONDUIT SHALL BE 50mm, PVC - SCH. 40, UNLESS OTHERWISE INDICATED.
3. ALL JUNCTION BOXES ATTACHED TO STRUCTURE SHALL BE STAINLESS STEEL, 150mmx150mmx100mm, UNLESS OTHERWISE INDICATED.
4. THE COST OF THE CONCRETE INSERTS SHALL BE INCLUDED IN THE PAY ITEM FOR "CONDUIT ATTACHED TO STRUCTURE."
5. THE COST OF THE LIQUID-TIGHT CONDUIT SHALL BE INCLUDED IN THE PAY ITEM FOR "CONDUIT ATTACHED TO STRUCTURE."

LIGHTING SHEET 16 OF 41

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|----------------|------|--|
| NAME | DATE | |
| | | BRIDGE LIGHTING PLAN RAMP K-2 OVER RAMP J-3 |
| | | |
| | | |
| | | |
| | | |
| DATE: 12/20/04 | | DRAWN BY DJK CHECKED BY MKR |

ab alfred benesch & company
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

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12/14/04 PM

12/20/2004