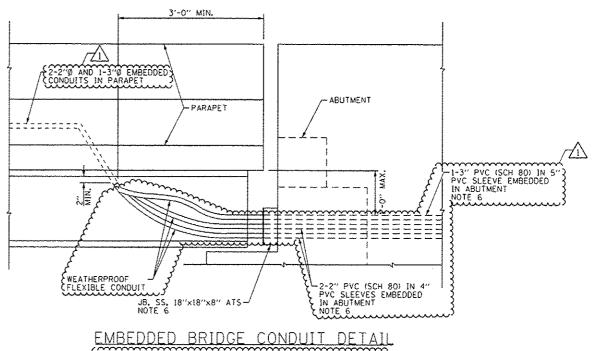


## NOTES:

- 1. SEE DRAWING E-OI FOR IDOT ELECTRICAL SYMBOLS.
- 2. 2" PVCC CONDUITS SHALL HAVE A MINIMUM BENDING RADIUS OF 10".
- SEE STRUCTURAL PLANS FOR LOCATION OF EMBEDDED CONDUITS.
- 4. JUNCTION BOXES SHALL HAVE A 1 1/2" WIRE MESH DRAIN IN THE BOTTOM.
- 5. WEATHERPROOF FLEXIBLE CONDUIT WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE PRICE FOR "CONDUIT EMBEDDED IN STRUCTURE" PAY ITEM, COST OF 4"(AND 5") SLEEVES IS INCLUDED WITH CONCRETE STRUCTURES.
- COORDINATE THE LOCATION OF THE JUNCTION BOX AND CONDUITS ROUTED THROUGH THE ABUTMENT WITH THE LOCATION OF THE CONDUIT SLEEVE OPENINGS SHOWN ON THE STRUCTURAL PLANS.

7. SEE LIGHTING AND TRAFFIC SIGNAL PLAN DRAWINGS FOR THE PROPOSED CONDUIT ROUTING.

- 8. ALL MOUNTING HARDWARE FOR CONDUIT SUPPORTS AND PVCC RGC MUST BE PVC COATED.
- 9. THE CONTRACTOR MUST USE APPROVED SINGLE COIL
  FLARED LOOP INSERTS WHEN PENDANT MOUNTING
  THREADED RODS TO A NEW BRIDGE DECK. THE
  FLARED LOOP INSERTS MUST BE CAST INTO THE
  CONCRETE DECK. THE CONTRACTOR IS RESPONSIBLE
  FOR LOCATING AND COORDINATING THE INSERT
  LOCATIONS WITH THE BRIDGE DECK CONTRACTOR.
- 10. THE CONTRACTOR MUST COORDINATE THREADED ROD END SIZES WITH THE C-CHANNEL AND FLARED LOOP INSERT MANUFACTURERS.
- 1). THE CONDUIT SUPPORT SYSTEM ATTACHED TO THE BRIDGE DECK, INCLUDING THE INSERTS, WILL NOT BE FAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE PRICE FOR THE "CONDUIT ATTACHED TO STRUCTURE" PAY ITEM.



EMBEDDED BRIDGE CONDUIT DETAIL

NOTE: NORTH ABUTMENT SHOWN, SOUTH ABUTMENT IS SIMILAR BUT
ONLY HAS TWO 2-INCH PVC CONDUITS ROUTED FROM EACH
PARAPET WALL THROUGH SOUTH ABUTMENT.

AECOM
303 EAST WACSER DRIVE, SUITE 1400
DRICAGO, 15, 40001-5276

| DI60¥25-oht-Light-10       | DESIGNED | - | <b>WDS</b> | REVISED | - <b>△</b> 7/19/2013 |
|----------------------------|----------|---|------------|---------|----------------------|
| USER NAME & myarec         | DRAWN    | + | САМ        | REVISED | _                    |
| PLOT SCALE : 1,8000 '/ in, | CHECKED  | - | JPC        | REVISED | -                    |
| PLOT DATE : 7/12/2013      | DATE     | - | 6/17/2013  | REVISED | *                    |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| Γ  | AND |       |    |    |      |        |           | F.A.I.<br>RTE. | SECTION | COUNTY                    | TOTAL   | SHEET<br>NO. |      |  |  |
|----|---|-------|----|----|------|--------|-----------|----------------|---------|---------------------------|---------|--------------|------|--|--|
| 1  | MISCELLANEOUS ELECTRICAL DETAILS        |       |    |    |      |        | 90/94/290 | 2013-007R      | COOK    | 317                       | 130A    |              |      |  |  |
| ļ  |   |       |    |    |      |        |           |                |         |                           | CONTRAC | T NO. 6      | OW25 |  |  |
| LS | CALE:                                   | SHEET | 10 | 0F | - 11 | SHEETS | STA.      | TO STA.        |         | ILLINOIS FED. AID PROJECT |         |              |      |  |  |

E-10