

LEGEND

(E) EXISTING LIGHT UNIT

(E) LIGHTED OVERHEAD SIGN STRUCTURE BRIDGE MOUNTED

(O) UNDERPASS LUMINAIRE, 100W HIGH PRESSURE SODIUM VAPOR, SUSPENDED MOUNT

(J) JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE. SIZE AS NOTED

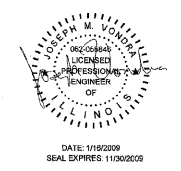
--- UNIT DUCT WITH 3-1/C NO. 4, AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 30MM DIA. POLYETHYLENE IN TRENCH

--- ELECTRIC CABLE IN CONDUIT, 3-1/C NO. 10, AND 1/C NO. 10 GROUND, 600V (EPR-TYPE RHW), 25MM DIA., GALVANIZED STEEL, PVC COATED CONDUIT ATTACHED TO STRUCTURE, UNLESS OTHERWISE NOTED

- NOTES:**
- LUMINAIRES SHALL BE LOCATED 0.61m (2') FROM THE EDGE OF THE PAVEMENT TO THE CENTER OF LUMINAIRE BY THE ABUTMENTS AND 1.52m (5') FROM THE EDGE OF THE PAVEMENT TO THE CENTER OF THE LUMINAIRE BY THE PIER.
 - CONNECT NEW UNIT DUCT THROUGH EXISTING ELBOW IN BASE OF POLE, SEE DETAIL FOR TYPICAL WIRING AND CIRCUIT DIAGRAM. THIS WORK IS INCIDENTAL TO UNIT DUCT PAY ITEM.
 - RECONNECT FOUR EXISTING SIGN LUMINAIRES TO NEW S.S. JUNCTION BOX. PROVIDE NEW CONDUIT, AND CABLES.
 - ELECTRIC CABLE IN CONDUIT, 3-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE RHW), 65MM DIA. GALVANIZED STEEL, PVC COATED CONDUIT ATTACHED TO STRUCTURE. RUN CONDUIT BETWEEN JUNCTION BOXES JB1 AT THE TOP OF THE ABUTMENT.

JUNCTION BOX SCHEDULE

| | SIZE | DESCRIPTION | QUANTITY |
|-----|-----------------------|-------------------|----------|
| JB1 | 400MM X 350MM X 150MM | S.S. JUNCTION BOX | 4 |
| JB2 | 300MM X 250MM X 150MM | S.S. JUNCTION BOX | 4 |
| JB3 | 150MM X 150MM X 100MM | S.S. JUNCTION BOX | 8 |



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| USER NAME | DESIGNED | REVISION |
|-----------|----------|----------|
| dmorris | JMV | - |
| | MB | - |
| | JMV | - |
| | - | - |

DATE: 1/16/2009

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**FAI 57/INTERSTATE 57
 125TH STREET OVER I-57
 PROPOSED LIGHTING PLAN**

SCALE: SHEET NO. 4 OF 10 SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|-----------|--------|--------------|-----------|
| 57 | 1818.3B-R | COOK | 58 | 18 |

CONTRACT NO. 60862
 ILLINOIS FED. AID PROJECT

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