NOTES:

1. Install 2" x 10" x 6' treated plank 1' below ground surface with inner face directly against pole outer face to be placed against undisturbed earth as near as practical.

2. Pole key anchor and plank stabilizer to be installed at each major change of overhead line direction and at each end of lighting distribution.

3. See Section on Standard Drawing E 807-THID-02.

4. Luminaire shall be either a 400 Watt HPS or an alternative light source type with an equivalent light (lumen) output.
Aerial Cable

3/C #6 A1. Triplex
Mast Arm

Copper Ground Wire. Solderless Lug with #6 Ground Connection. Use a Drill and Tap Mast Arm for Ground Connection. Use a Solderless Lug with #6 Copper Ground Wire.

To Be Insulated

TYPICAL CONNECTION

Drill and Tap Mast Arm for Ground Connection. Use a Solderless Lug with #6 Copper Ground Wire.

Mast Arm

Ground, Neutral-Messenger-Cable

Phase Conductors R & B

SECTION A

TYPICAL AERIAL LUMINAIRE
CONNECTION WITH GROUND

Fused Connector

3/C #6 A1. Triplex Aerial Cable

CONDUIT RISER

AERIAL CABLE TERMINATION

TYPICAL CIRCUIT CONNECTION TO AERIAL CABLE

INDIANA DEPARTMENT OF TRANSPORTATION
TEMPORARY HIGHWAY ILLUMINATION DETAILS WIRING
SEPTEMBER 2017
STANDARD DRAWING NO. E 807-THID-02

DESIGN STANDARDS ENGINEER DATE
/s/ David H. Boruff 04/15/17
No. 60900348 STATE OF
STATE OF
/s/ John Leckie 04/27/17
CHIEF ENGINEER DATE