62878 193 113

TO STA. FED. ROAD DIST, NO. 1 ILLINOIS FED. AID PROJECT

WOOD POLE FORK BOLT - GROUND CLAMP - MESSENGER TIED TO INSULATOR WITH FACTORY FORMED CABLE TIE WATERPROOF SPLICE -GROUND CONDUCTOR PHASE CONDUCTORS & NEUTRAL CONDUCTOR CABLE SUPPORT (WOVENL GRIP OR APPROVED EQUAL) ELECTRICAL CABLE ASSEMBLY AT EVERY 900MM (3/C NO.2 & I/C NO.4 GND) ATTACHED TO WOOD POLE

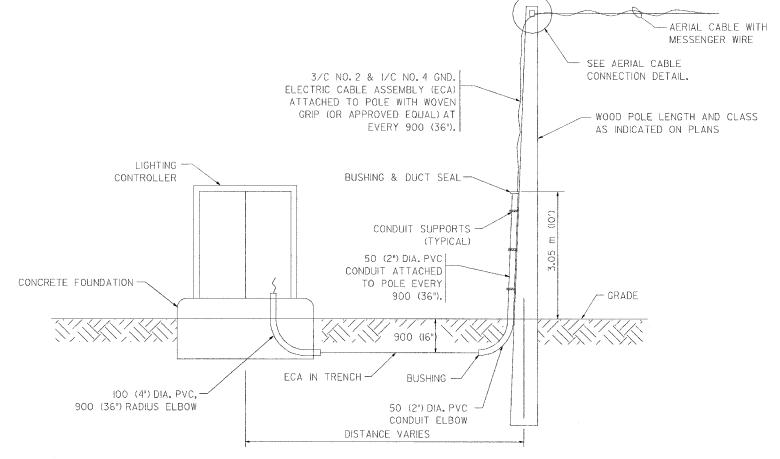
AERIAL CABLE CONNECTION DETAIL

- 12.7 (1/2") GALVANIZED "THIMBLEYE" 12.7 (1/2") GALVANIZED-CAST IRON BEAM CLAMP - 12.7 (1/2") GALVANIZED GUY CLIPS GALVANIZED STEEL MESSENGER WIRE HOOK BENT-TO SIZE - GROUND WIRE 12.7 (1/2") STEEL GALVANIZED BOLT OR TREADED ROD -AERIAL CABLE GALVANIZED CONDUIT HANGER -ELECTRIC CABLE ASSEMBLY-

> AERIAL CABLE ATTACHED TO STRUCTURE NOT TO SCALE

NOTES:

- 1. ALL DIMENSIONS IN MILLIMETERS (INCHES) UNLESS OTHERWISE INDICATED.
- 2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
- 3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
- 4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL N.T.S.

ILLINOIS DEPARTMENT OF TRANSPORTATION TEMPORARY AERIAL CABLE INSTALLATION SCALE: NONE DRAWN BY DATE 05/21/2003

CHECKED BY