

AERIAL CABLE CONNECTION DETAIL

AERIAL CABLE WITH MESSENGER WIRE SEE AERIAL CABLE 3/C NO. 2 & I/C NO. 4 GND. CONNECTION DETAIL. ELECTRIC CABLE ASSEMBLY (ECA) ATTACHED TO POLE WITH WOVEN GRIP (OR APPROVED EQUAL) AT WOOD POLE LENGTH AND CLASS EVERY 36" (900). AS INDICATED ON PLANS LIGHTING CONTROLLER BUSHING & DUCT SEAL-CONDUIT SUPPORTS -(TYPICAL) 2" (50) DIA, PVC CONDUIT ATTACHED CONCRETE FOUNDATION -TO POLE EVERY GRADE 36" (900). 16" (900) ECA IN TRENCH-BUSHING 4" (100) DIA. PVC, -36" (900) RADIUS ELBOW 2" (50) DIA. PVC CONDUIT ELBOW DISTANCE VARIES

> WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT — ½" (12.7) GALVANIZED "THIMBLEYE" 1/2" (12.7) GALVANIZED-CAST IRON BEAM CLAMP - 1/2" (12.7) GALVANIZED GUY CLIPS -GALVANIZED STEEL MESSENGER WIRE HOOK BENT TO SIZE GROUND WIRE 1/2" (12.7) 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 INCHES (MILLIMETERS) 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.

LT-16 OF 16

CONTRACT NO. 62387

SECTION 3268F-R-1

	REVISIONS NAME DATE		ILLINOIS DEPARTMENT OF TRANSPORTATION TEMPORARY AERIAL CABLE INSTALLATION	
			SCALE: VERT. HORIZ. DATE:1/17/2007	DRAWN BY CHECKED BY
				BE-801

REVISION DATE: 01/01/07

DATE NAME SCALE NAME