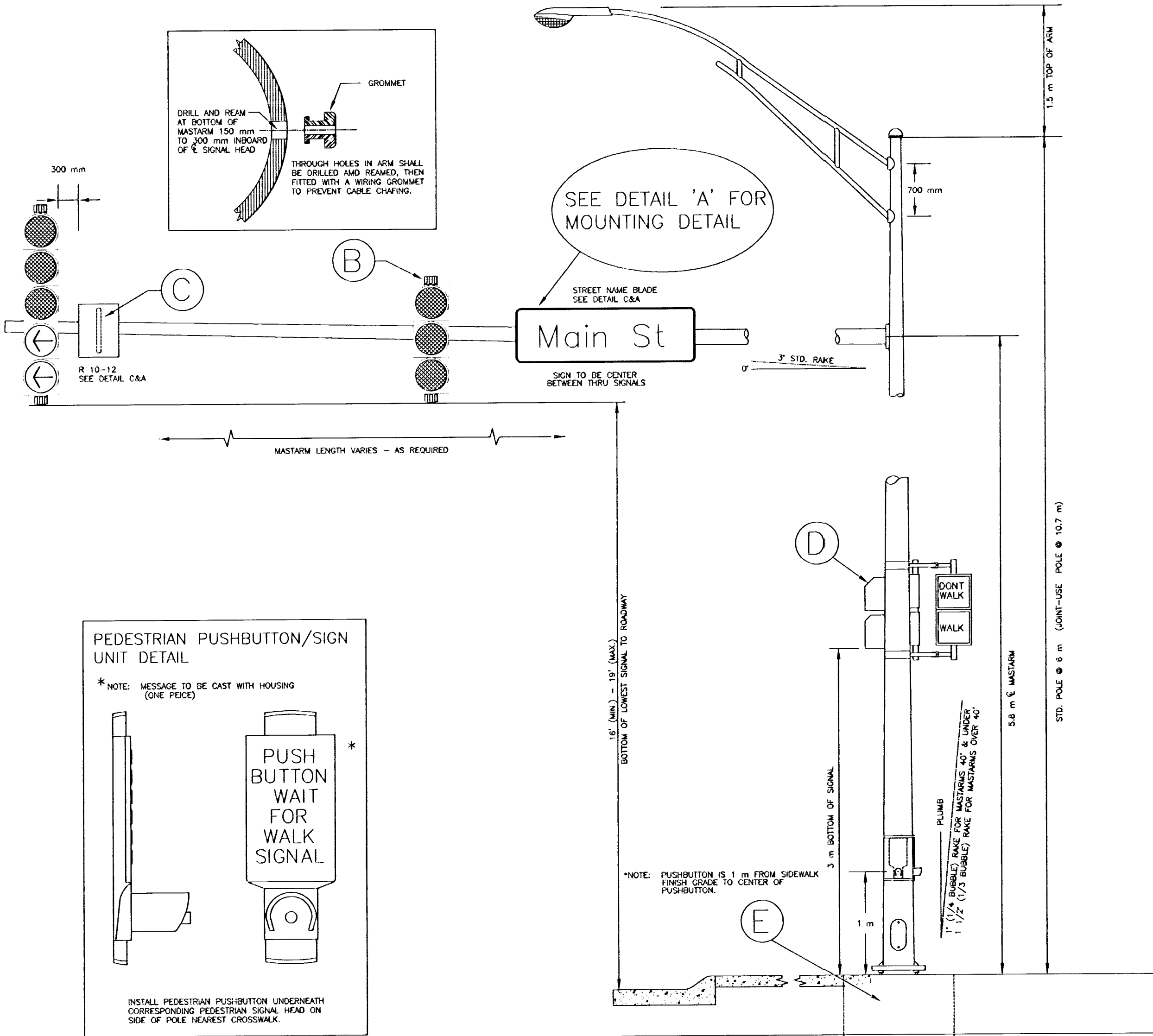
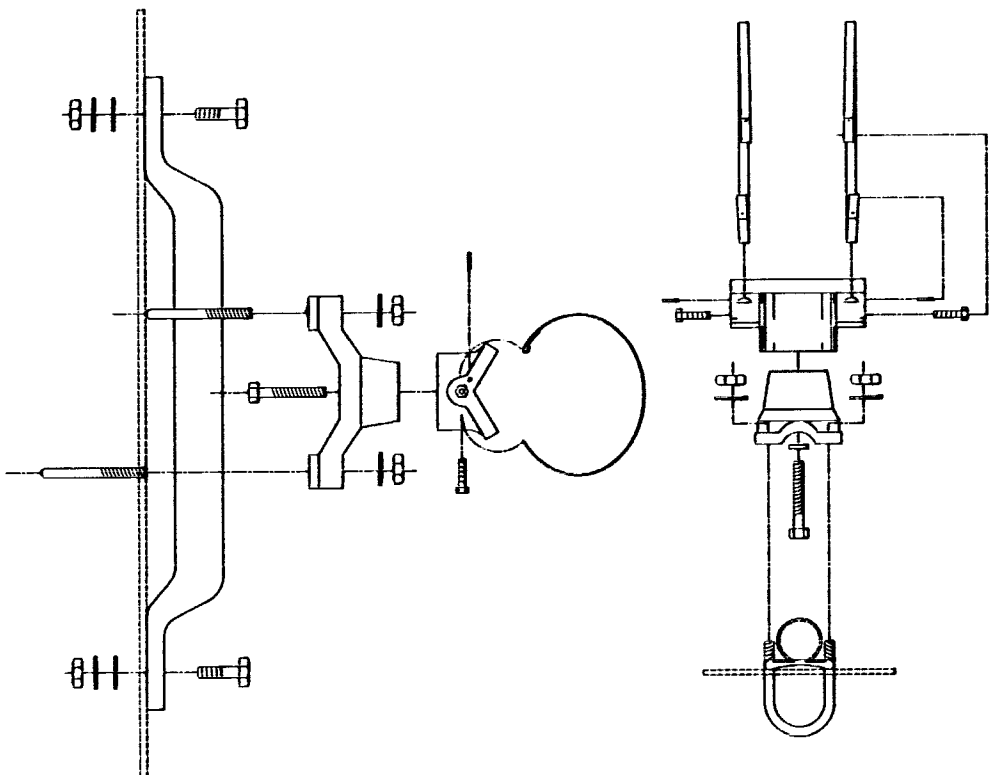


FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0197-01	2004	33	51

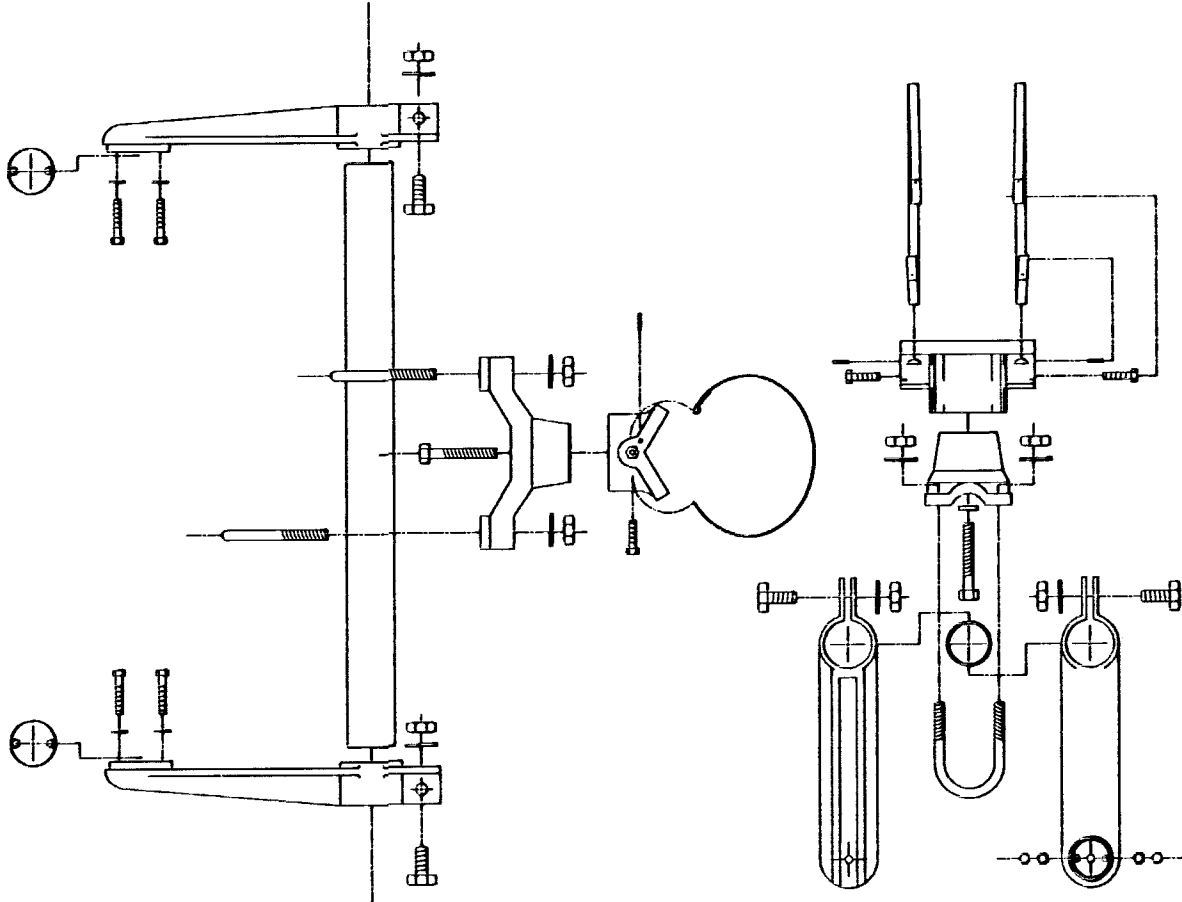
FED. AID NO. **CMA**-N019 (701)



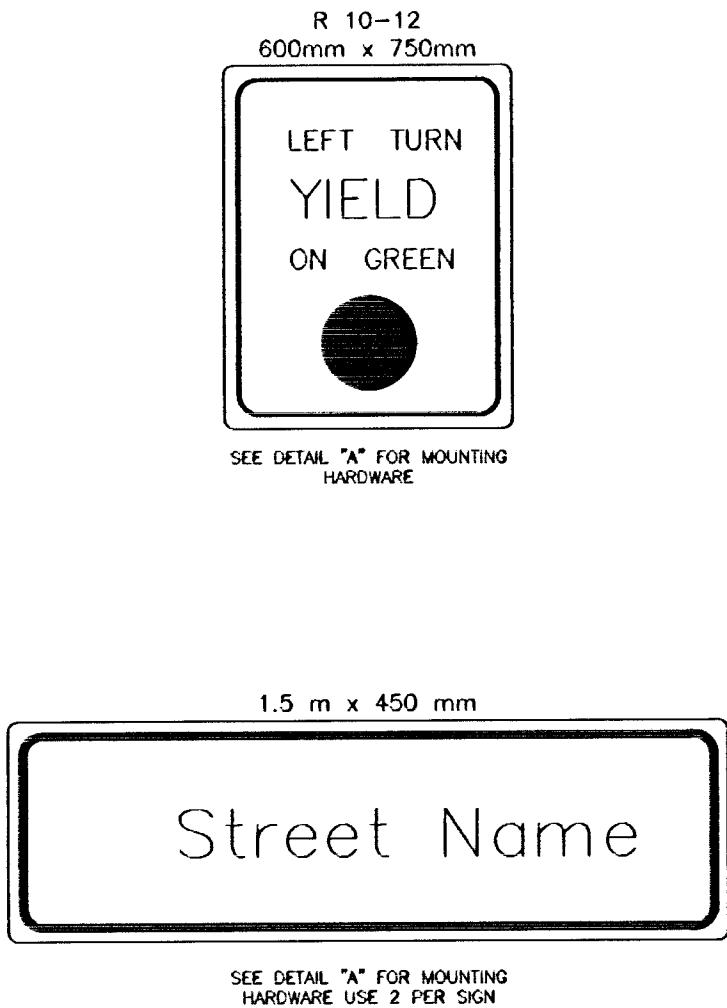
BANDED SIGN MOUNTING BRACKET DETAIL



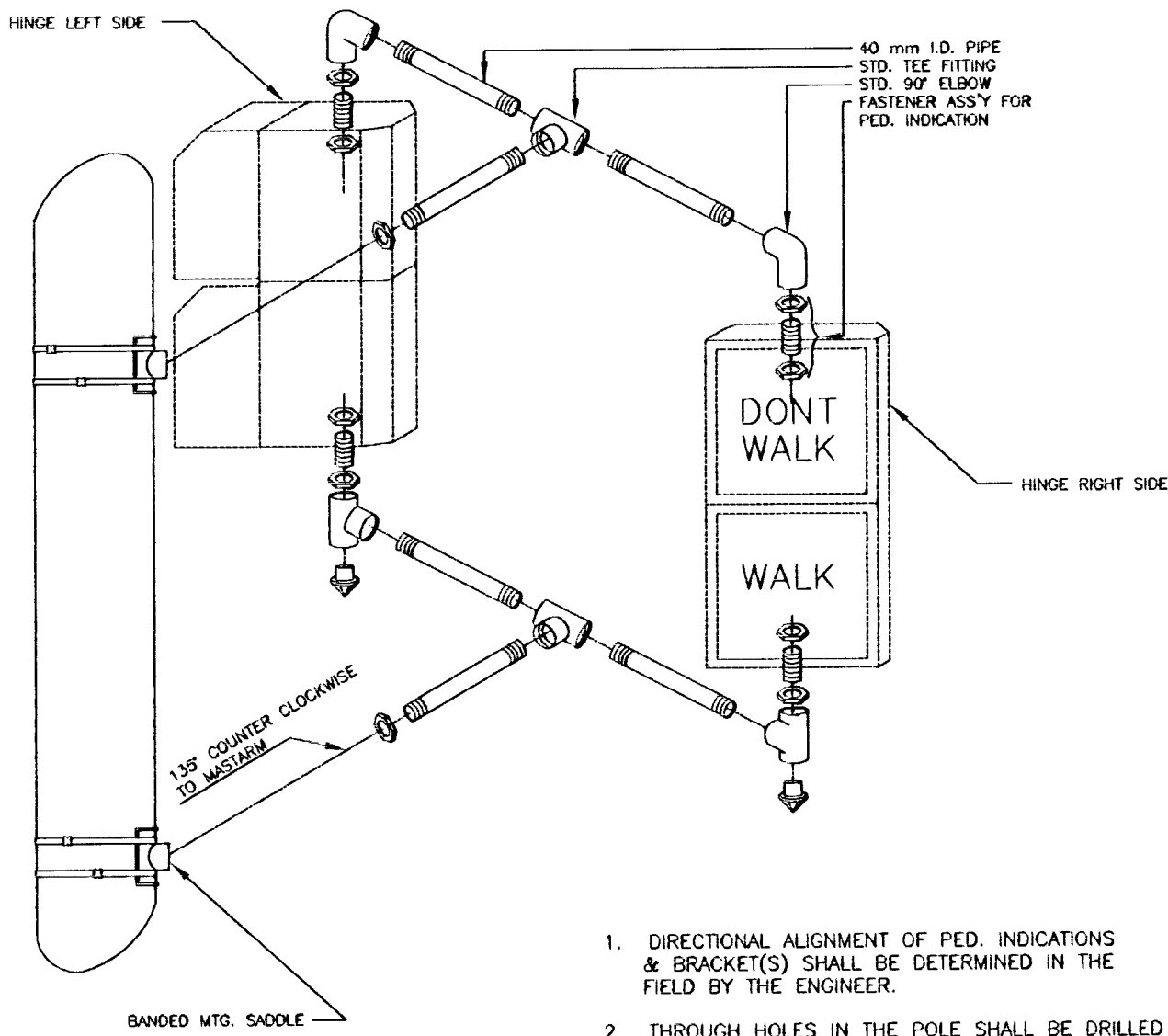
TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



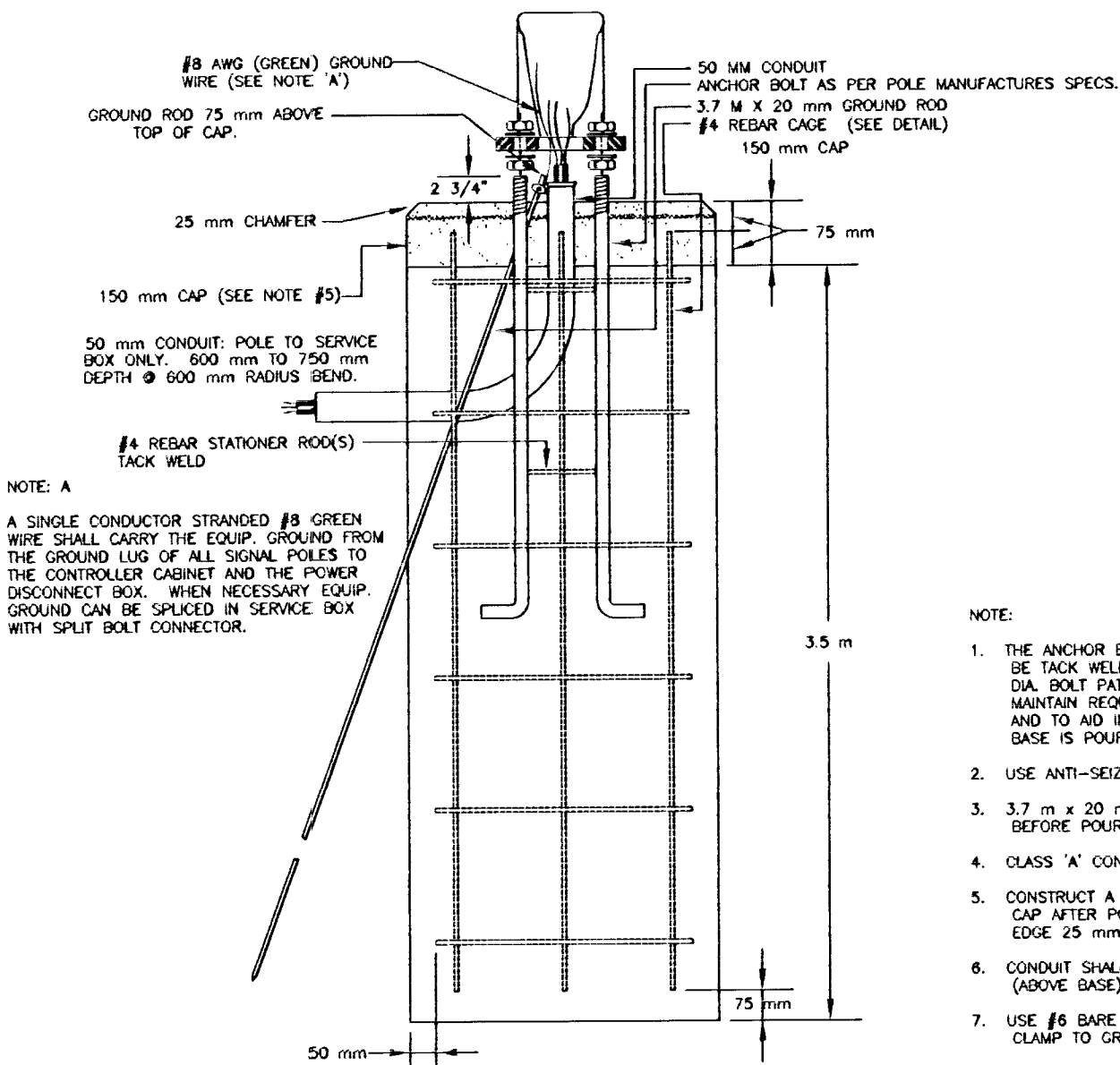
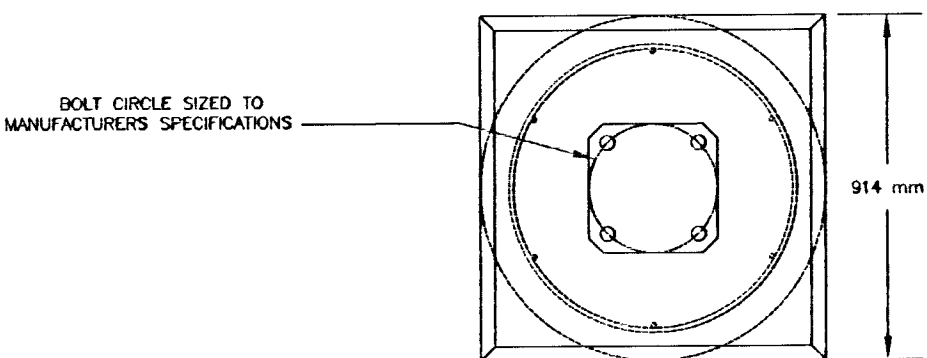
STANDARD SIGNING



TYPE II SIGNAL MOUNTING BRACKET ASSEMBLY
(SIDE-OF-POLE)

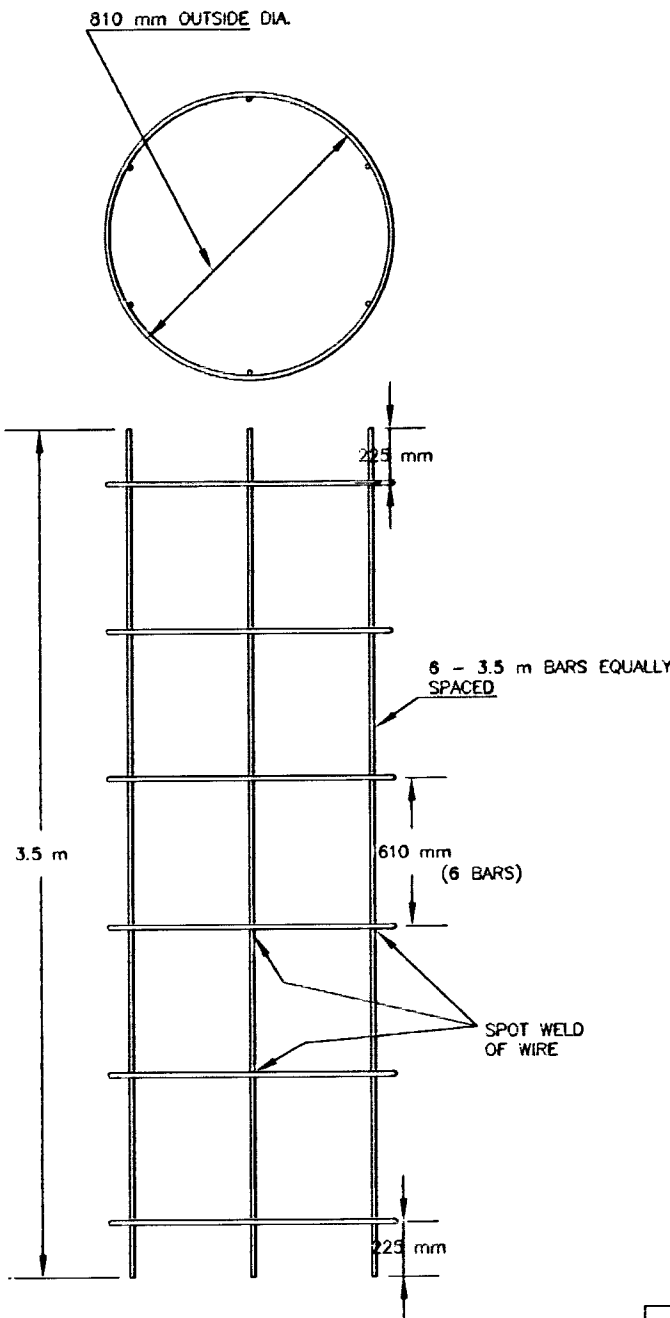


- DIRECTIONAL ALIGNMENT OF PED. INDICATIONS & BRACKET(S) SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THROUGH HOLES IN THE POLE SHALL BE DRILLED AND WELL REAMED TO PREVENT CABLE CHAFING.
- HINGE PEDESTRIAN SIGNAL DOORS AWAY FROM POLE.

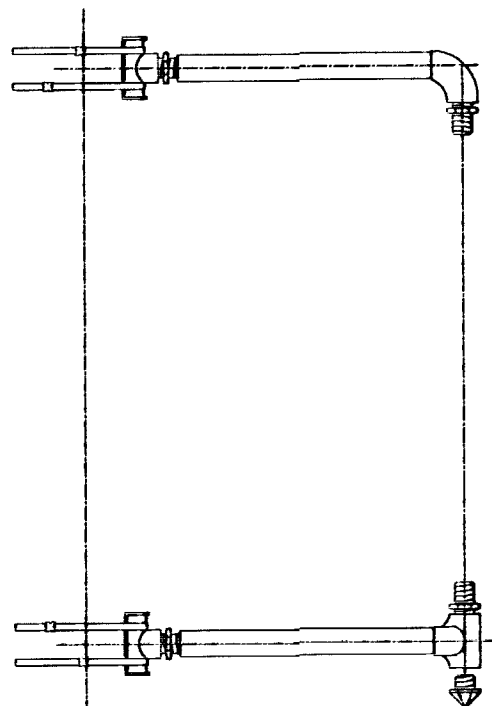


- NOTE:
- THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 400 mm OR 500 mm DIA. BOLT PATTERN (ON CENTERS AS SHOWN) TO MAINTAIN REQUIRED BOLT CONFIGURATION PATTERN AND TO AID IN VERTICAL POSITIONING WHILE CONCRETE BASE IS POURED.
 - USE ANTI-SEIZE COMPOUND ON ALL THREADS.
 - 3.7 m x 20 mm GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
 - CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
 - CONSTRUCT A 150 mm THICK x 914 mm SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 25 mm. MUST BE APPROVED BY ENG. BEFORE POURED.
 - CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (GROOVE BASE) TO PREVENT CABLE CHAFING.
 - USE Ø 8 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

REBAR CAGE



TYPE III SIDE-OF-POLE
MOUNTING BRACKET ASSEMBLY



PROJECT DESCRIPTION

STEEL SIGNAL POLE ASSEMBLY DETAILS

PROJECT NUMBER

111 PPP (607879)

DRAWN BY: T.M.

SCALE

NO SCALE

REVISED BY: T.M.

DATE: FEB. 96

DATE: MAY. 97

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING

K. WOODARD, P.E. TRAFFIC ENGINEER

SHEET 33 OF 51