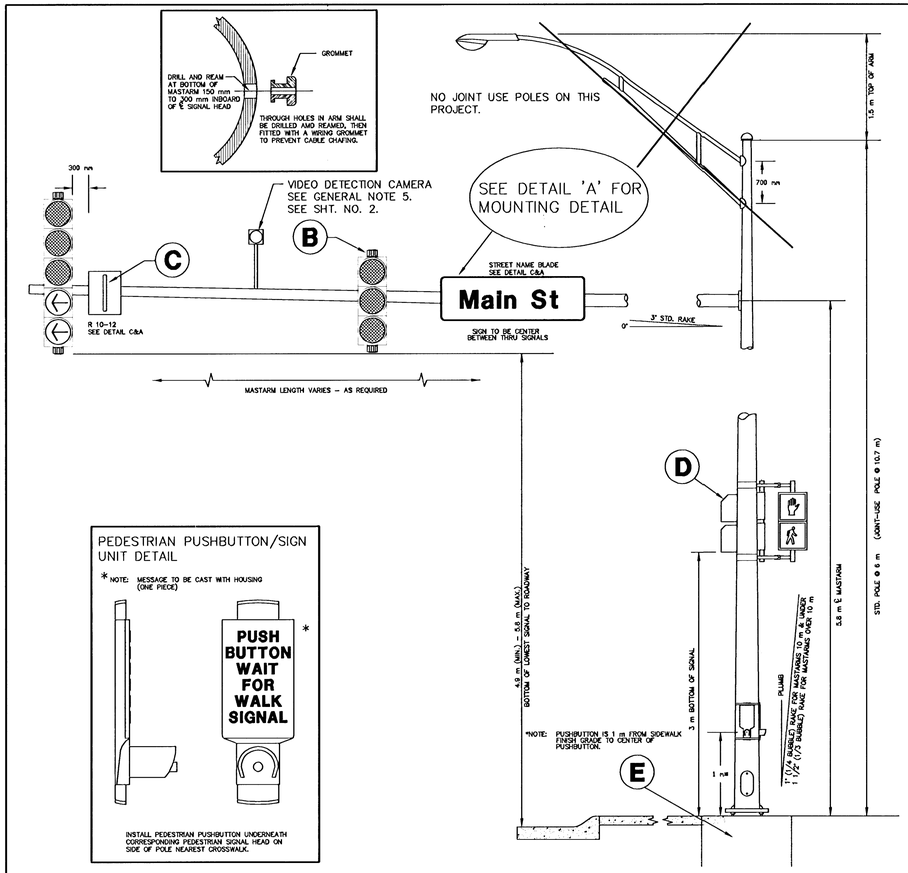
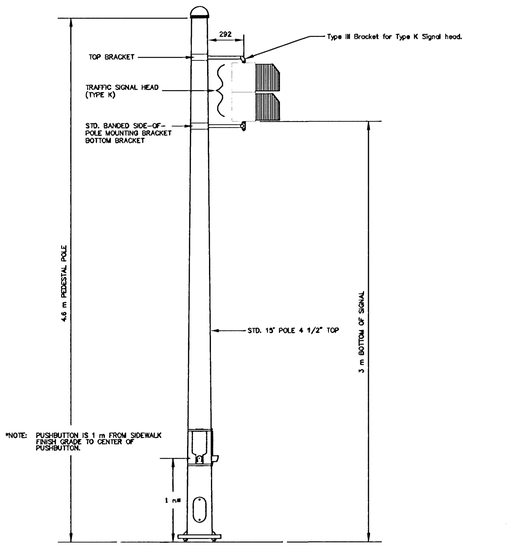
BY	DATE
REFERENCES NOTED	
REFERENCES CHECKED	

STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	472-83519-PHASE II	2003	8	9



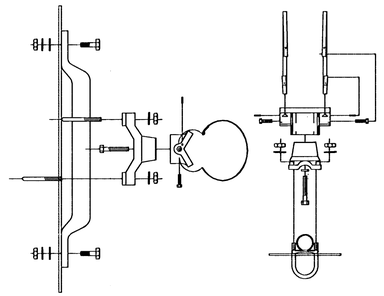
PEDESTRIAN PUSHBUTTON/SIGN UNIT DETAIL

INSTALL PEDESTRIAN PUSHBUTTON UNDERNEATH CORRESPONDING PEDESTRIAN SIGNAL HEAD ON SIDE OF POLE NEAREST CROSSWALK.



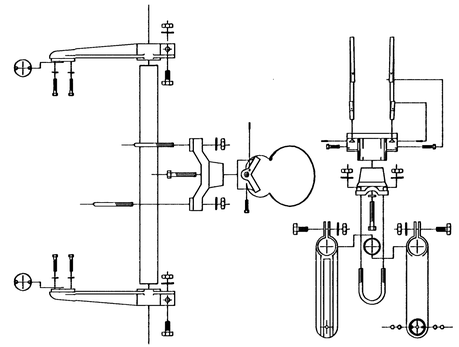
PEDESTAL POLE

BANDED SIGN MOUNTING BRACKET DETAIL



A

TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



B

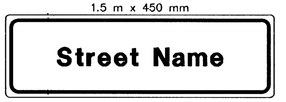
STANDARD SIGNING

R 10-12
600 mm x 750 mm



SEE DETAIL "A" FOR MOUNTING HARDWARE

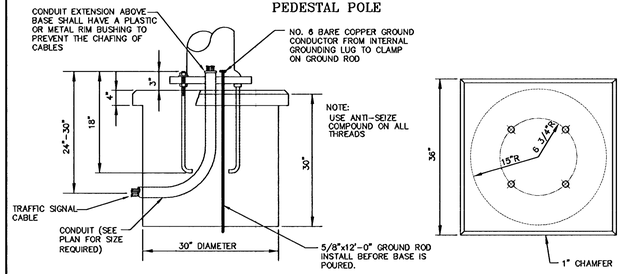
1.5 m x 450 mm



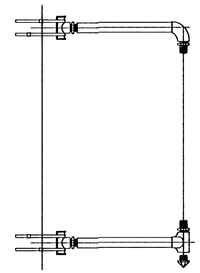
SEE DETAIL "A" FOR MOUNTING HARDWARE USE 2 PER SIGN

C

CONCRETE BASE DETAILS
PEDESTAL POLE

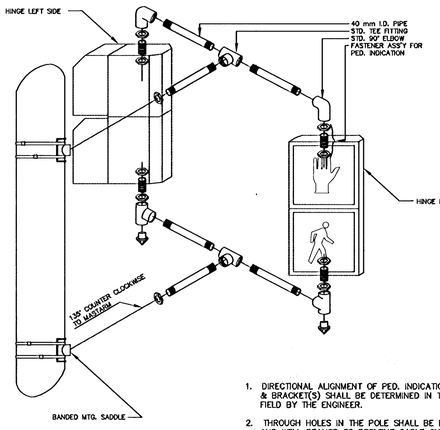


TYPE III SIDE-OF-POLE MOUNTING BRACKET ASSEMBLY



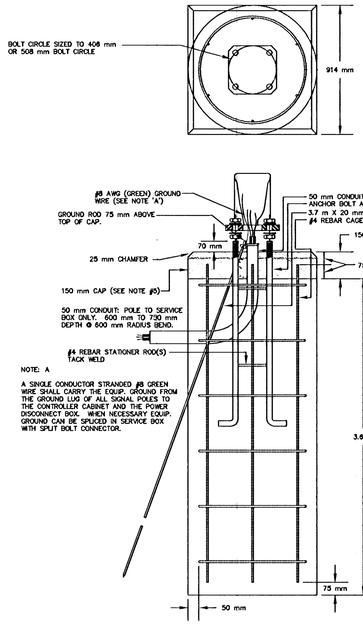
F

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



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

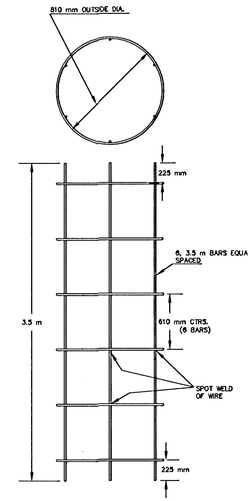
D



NOTE:

1. THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 400 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.
2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
3. 3.7 m x 20 mm GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. 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.
6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
7. USE #8 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

REBAR CAGE



E

PROJECT DESCRIPTION

STEEL SIGNAL POLE ASSEMBLY DETAILS

PROJECT NUMBER

472-83519-PHASE II

DRAWN BY: T.M.	APPROVED BY	REVISED BY: T.M.
DATE: FEB. 96		DATE: MAY97

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING	SCALE
WM. G. McKINLEY TRAFFIC ENGINEER	NO SCALE

T. WADA, TRAFFIC ENGINEERING 05/01/97 3:05 PM SSP-NET