

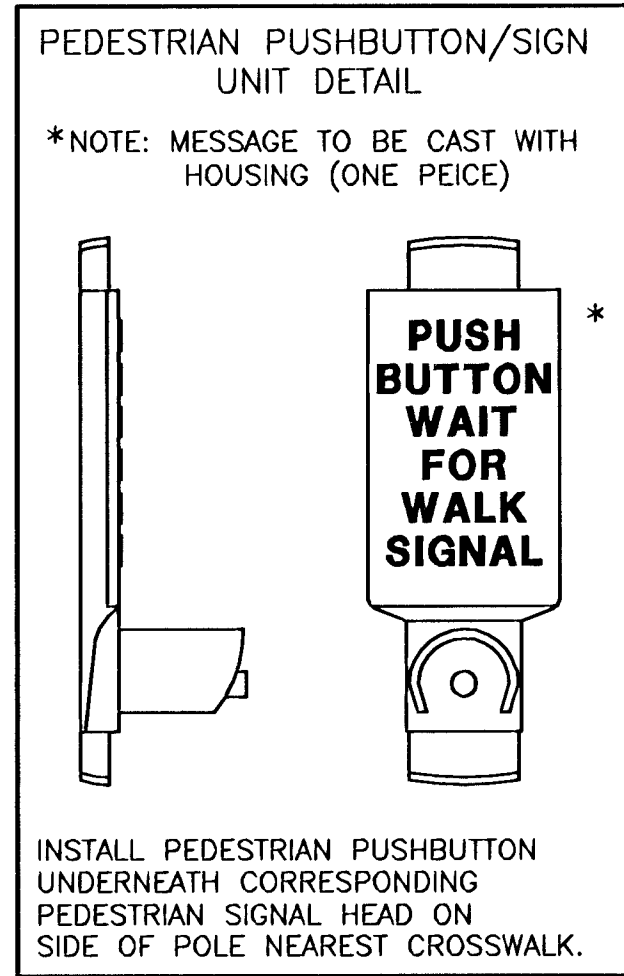


Diagram illustrating the components and dimensions of a Pedestal Pole with a Traffic Signal Head (Type A).

Labels and Dimensions:

- TOP BRACKET
- TRAFFIC SIGNAL HEAD (TYPE A)
- STD. BANDED SIDE-OF-POLE MOUNTING BRACKET
- BOTTOM BRACKET
- Type II Bracket for Type A Signal head.
- Type III Bracket for Type K Signal head.
- 11 1/2"
- STD. 15' POLE 4 1/2" TOP

Diagram illustrating the components and dimensions of a Pedestal Pole with a Traffic Signal Head (Type A).

[illegible]

R 10-12
24" x 30"

**LEFT TURN
YIELD
ON GREEN**

60" x 18"

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

CONDUIT EXTENSION ABOVE BASE SHALL HAVE A PLASTIC OR METAL RIM BUSHING TO PREVENT THE CHAFING OF CABLES

NO. 6 BARE COPPER GROUND CONDUCTOR FROM INTERNAL GROUNDING LUG TO CLAMP ON GROUND ROD

NOTE:
USE
ANTI-SEIZE
COMPOUND ON
ALL THREADS

TRAFFIC SIGNAL CABLE

CONDUIT (SEE PLAN FOR)

30" DIAMETER

5/8"x12'-0" GROUND ROD INSTALL BEFORE BASE IS POURED.

36"

1" CHAMFER

24"-30"

18"

4"

3"

15"

6.34"

Diagram illustrating the components and assembly of a directional pedestrian signal:

- HINGE LEFT SIDE
- 1 1/2" I.D. PIPE
- STD. TEE FITTING
- STD. 90° ELBOW
- FASTENER ASS'Y FOR PED. INDICATION
- DONT WALK
- HINGE RIGHT SIDE
- WALK
- 135° COUNTER-CLOCKWISE TO WESTWARD
- BANDED MTG. SADDLE

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.

32" OUTSIDE DIA.

9"

11'6"

6-11.5' BARS
EQ. SPACED

24"
(6 BARS)

SPOT WELD
OF WIRE

9"

BOLT CIRCLE
SIZED TO
16" OR 20"
BOLT CIRCLE

36"

#8 AWG (GREEN) GROUND
WIRE (SEE NOTE 'A')

GROUND ROD 3" ABOVE
TOP OF CAP.

1" CHAMFER

6" CAP
(SEE NOTE #5)

2" CONDUIT

ANCHOR BOLT AS PER POLE MANUFACTURER'S SPECS.

12" X 3/4" GROUND ROD

#4 REBAR CAGE (SEE DETAIL)

3"

2" CONDUIT: POLE TO
SERVICE BOX ONLY.
24"-30" DEPTH @ 24"
RADIUS BEND.

#4 REBAR STATIONER
ROD(S) TACK WELD

12'

3"

2"

NOTE: "A"

A SINGLE CONDUCTOR STRANDED #8
WIRE SHALL CARRY THE EQUIP. GROUN
THE GROUND LUG OF ALL SIGNAL PO
THE CONTROLLER CABINET AND THE
DISCONNECT BOX. WHEN NECESSAR
GROUND CAN BE SPLICED IN SERVICE
WITH SPLIT BOLT CONNECTOR.

NOTE:

1. THE ANCHOR BOLTS FOR THE SIGNAL
POLE SHALL BE TACK WELDED TOGETHER IN A 16"
DIA. BOLT PATTERN (ON CENTERS) &
MAINTAIN REQUIRED BOLT CONFIGURATI
AND TO AID IN VERTICAL POSITIONING
BASE IS POURED.
2. USE ANTI-SEIZE COMPOUND ON ALL
3. 12" X 3/4" GROUND ROD TO BE POS
BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED
5. CONSTRUCT A 6" THICK X 36" SQUA
CAP AFTER POLE HAS BEEN ERECTED
CHAMFER EDGE 1". MUST BE APPRO
BEFORE POURED
6. CONDUIT SHALL HAVE PLASTIC (OR M
(ABOVE BASE) TO PREVENT CABLE CH
USE #6 BARE COPPER GROUND CONE
CLAMP TO GROUND ROD IN ACCESS
- 7.

1. THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 16" OR 20" 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. 12" x 3/4" GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. CONSTRUCT A 6" THICK x 36" SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 1". MUST BE APPROVED BY ENG. BEFORE POURED
6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
7. USE #6 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE.

SCALE	5 / 7
NO SCALE	SHEET / OF