DETAIL FOR
OVERHEAD FEED

Hex head 1/4" x 1/2" lag screw U-guard fastener or equal

1/2" schedule 80 PVC "C"

1/2" nipple schedule 80 PVC (12" min)

Galvanized steel 2 hole strap (3 ft spacing)

Galvanized steel 2 hole strap (3 ft spacing)

Pedestrian push button

Grade level

Wood pole

DETAIL FOR
UNDERGROUND FEED

R10-3 series sign (R10-3b shown) (Place sign hardware not to interfer with wording on sign)

1/2" schedule 80 PVC "C"

3/4" schedule 80 PVC

1/2" schedule 80 PVC "C"

1/2" schedule 80 PVC or rigid metal conduit

(#) see note

Galvanized steel 2 hole strap

Expansion Joint

Wood pole

1/2" male adapter

Galvanized steel 2 hole strap

1/2" nipple schedule 80 PVC (32" min)

1/2" PVC plug (for single push button installation)

1" to grade Maximum

Handhole

Schedule 80 PVC conduit(s)

Note: (*) For projects maintained by the Wayne Co. Department of Public Services (WCDPS), use rigid metal for conduit(s) from grade level to 10' (min.) above grade or as directed by the Engineer.

(#) If pushbutton is from 10" to 24" from edge of sidewalk an acceptable range is 38" to 46"

PEDESTRIAN PUSH BUTTON DETAILS ON WOOD POLE

NOT TO SCALE
CAST MOUNTING BRACKET FOR
PEDESTRIAN PUSHBUTTON

PEDESTRIAN PUSHBUTTON INSTALLATION
ON STEEL POLE OR PEDESTAL

NOTES:
1) Alternate foundation may be constructed 22"x22" square - 48" deep.
2) Grounding system shall measure 10 ohm or less to ground.

PUSH BUTTON PEDESTAL
PEDESTRIAN PUSHBUTTON
INSTALLATION ON WOOD POLE

1/2" schedule 80 PVC conduit.

4" x 6" or 6" x 6" wood post

1/4"-20 x 3/4" Stainless steel screws (4 required)

1 1/2" rigid pipe clamp

1/4"- 20 bolt (stainless steel)

1/4"-20 nut (stainless steel)

NU-Lock nut

Accomodate up to 3/4" Schedule 80 PVC conduit (size of conduit shown on plans)

2 1/4" #20 Galvanized Hex head Lag screws (2 required)

Cast mounting bracket
1/4"x2" Hex head lag screw U-guard fastener or equal galvanized steel 2 holes

Wood pole

Pedestrian pushbutton

Pedestrian pushbutton

R-10 series Pushbutton Sign

Nylon washer

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN

(SPECIAL DETAIL)

FHWA APPROVAL DATE

PLAN DATE

SIG-400-A

SHEET 3 of 4

NOTE:
Anchor bolts are to be ASTM A-307 steel (4 required)
PUSHBUTTON & WOOD POST

- Refer to Standard Plan for Wood Posts