

PEDESTRIAN PUSH BUTTONS

Pedestrian push buttons inform the traffic signal controller, located in the cabinet, that pedestrians wish to cross the intersection. Pedestrian instruction signs and indications give crossing instructions.

Pushbuttons must be Mn/DOT approved and listed on the Mn/DOT Approved Products List (APL) for Signals.

For new signal systems with pedestrian signal indications, an Accessible Pedestrian Signals (APS) must be installed. Mn/DOT approved “Accessible Pedestrian Signals (APS)” are listed on the Mn/DOT Approved Products List (APL) for Signals.

ACCESSIBLE PEDESTRIAN SIGNAL (APS)



The Contractor must insure that the Mn/DOT completed order form, provided in the Contract documents, is presented to the Accessible Pedestrian System manufacturer to ensure that the appropriate Braille message will be added to the information sign and that the correct voice messages will be programmed in the pedestrian push button unit.

The Contractor must refer to the Contract documents for button locations, and all additional requirements for the Accessible Pedestrian System.

The contractor must apply “brush-on” anti-seize compound to the screws before installing the APS sign to the pole.

DO NOT DRILL WEEP HOLES IN THE BOTTOM OF THE APS UNIT.

SOLID STATE PEDESTRIAN PUSH BUTTONS



Solid state pedestrian pushbuttons are used on existing signal systems where accessible pedestrian signals (APS) are not used.

For painted poles, the **pole must be painted** before push buttons are installed and attached to the pole shaft using stainless steel screws.

The push button must be compatible with the traffic signal control equipment and be constructed so that it is impossible to receive an electrical shock under any weather conditions.

The Contractor must install pedestrian push buttons in accordance with Contract documents

For solid state pedestrian push button installations, the Contractor must drill a 3/16 inch weep hole in the bottom of the push button **mounting cup** and also apply a bead of 100% clear silicone sealant around the top half of the push button housing where the push button comes in contact with the pole shaft.



The mounting height must be 42 inches (1.1 meter) above the ground or concrete sidewalk area (or as otherwise specified in the Contract documents), not the top of the concrete foundation. Refer to the Contract documents for details. Push buttons must be easily accessible to pedestrians and should be placed on the roadway side of the pole if a sidewalk or bike trail is not present.

In some cases, pedestrian crossing may be banned on one or more legs of the intersection. The sign must be mounted seven (7) feet from ground level. Refer to the Contract Documents for complete details.

