

## TRAFFIC AND SAFETY NOTE 207C

**SUBJECT:** Guidelines for Pedestrian Push Button Use & Location

**PURPOSE:** To Promote the Uniform Location of Pedestrian Push Buttons.

**COORDINATING UNIT:** Traffic Signals Unit

**INFORMATION:** When a traffic signal is fully or semi-actuated, or when the time required for pedestrians to cross is the controlling factor in determining the timing of a traffic signal, pedestrian actuation (pedestrian push buttons) should be considered.

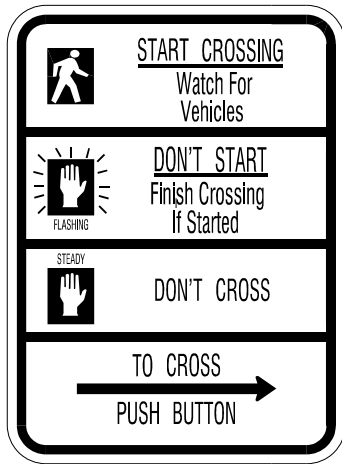
The Michigan Manual of Uniform Traffic Control Devices (MMUTCD) says pedestrian detectors (pedestrian push buttons) should be conveniently located near each end of the crosswalk where pedestrian actuation is required. The Traffic Signals Unit is now using sign R10-3b or R10-3d with pedestrian actuated signals. This sign shall be mounted above the push button and shall be located so that the arrow points in the direction of the roadway to be crossed. This is normally shown on the signal drawing along with the location of the push button and the correct direction of the arrow.

The placement of pedestrian push button signal poles or pedestals will vary depending on the sidewalk layout. This makes it difficult to develop a typical placement of the sign so that all pedestrians can see it. Two possible solutions follow:

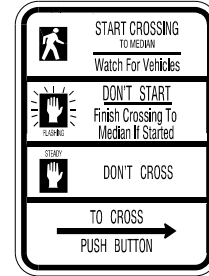
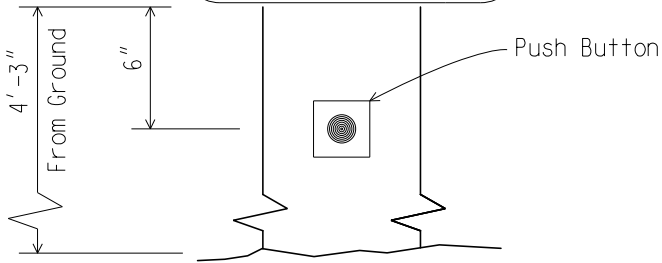
- 1) Two or more signs could be placed so that pedestrians approaching the intersection from any direction would see a sign.
- 2) At certain locations it may be desirable to supplement the signs with a larger sign attached to the pole or pedestal to call attention to the push button. This sign, above the sign, may say, PUSH BUTTON FOR WALK, and should have a seven foot bottom height.

Region/TSC Traffic & Safety Representatives, along with personnel from Traffic Signals Unit, should field review all existing pedestrian actuated signal locations to determine if existing signing is adequate. At new signal locations the location and number of R10-3b or R10-3d signs should be determined at the time of the field layout.

Attached are example layouts for push button and sign locations.



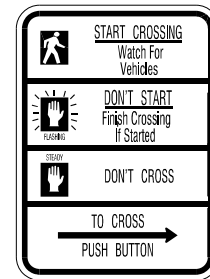
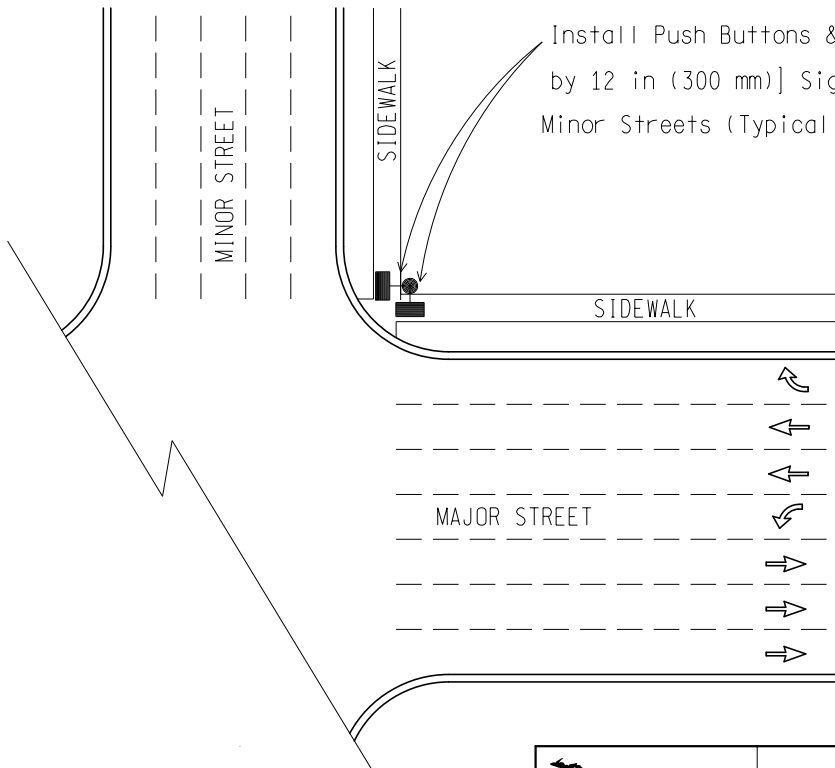
This Sign R10-3b [9 in (230 mm) by 12 in (300 mm)] Shall Be Mounted Above The Push Button And Shall Be Located With The Arrow Pointing In The Direction Of The Roadway To Be Crossed.



R10-3d

9 in (230 mm) by 12 in (300 mm)

NOTE: Use R10-3b or R10-3d As Appropriate



FACING WEST



TRAFFIC AND SAFETY NOTE

GUIDELINES FOR PEDESTRIAN PUSH BUTTON USE AND LOCATION

DRAWN BY: MTS  
CHECKED BY: JAT

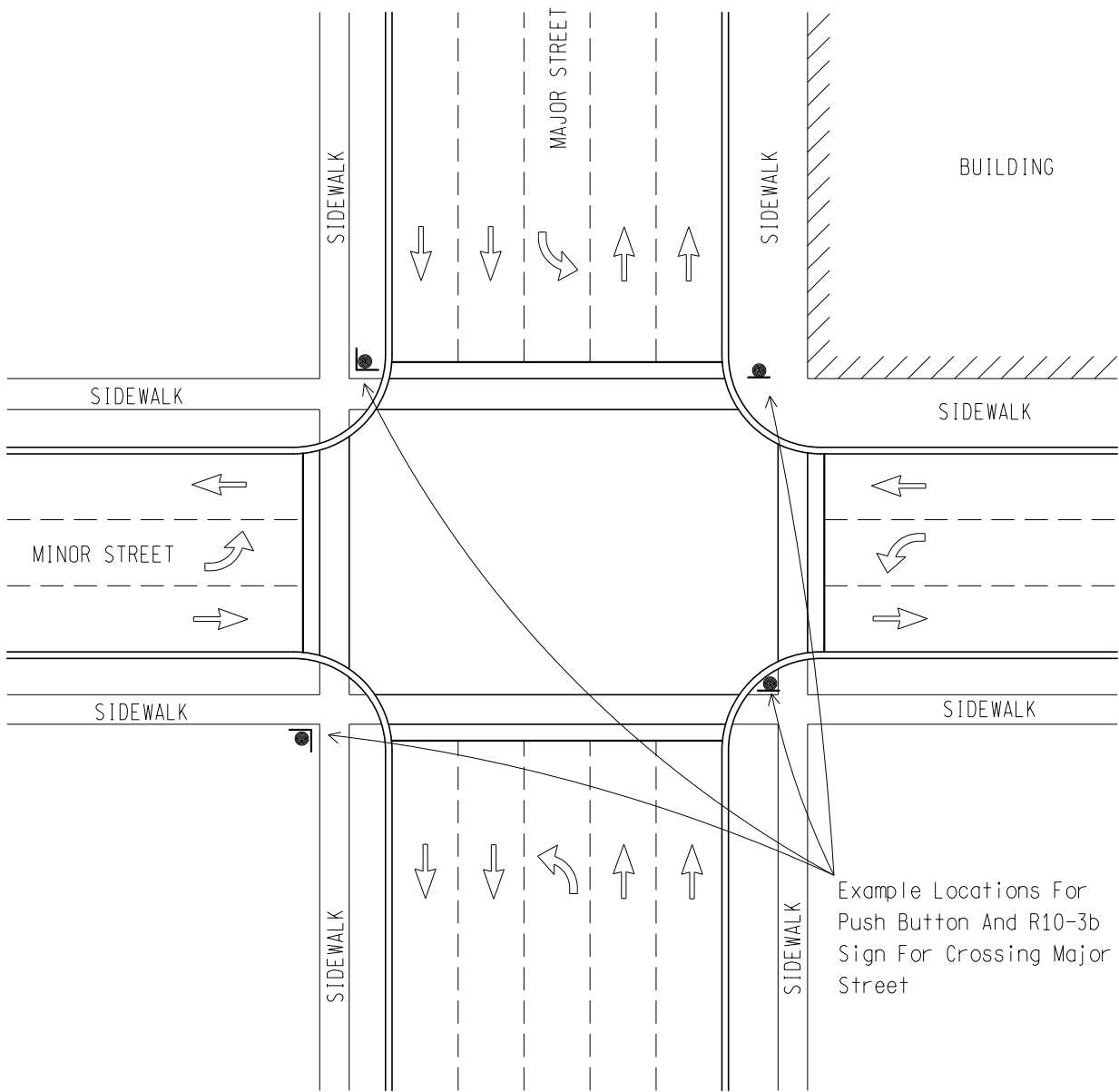
09/15/2005  
PLAN DATE:

207C

SHEET 2 OF 3

FILE: K:/DGN/ts notes/Note207B tsn.dgn

REV. 05/21/2013



NOTE: Use R10-3b or R10-3d  
As Appropriate



TRAFFIC AND SAFETY  
NOTE

GUIDELINES FOR  
PEDESTRIAN PUSH BUTTON  
USE AND LOCATION

DRAWN BY: MTS  
CHECKED BY: JAT

09/15/2005  
PLAN DATE:

207C

SHEET  
3 OF 3

FILE: K:/DGN/ts notes/Note207B tsn.dgn

REV. 05/21/2013