

TECHNICAL COMMITTEE RECOMMENDATION

TECHNICAL COMMITTEE: Signals Technical Committee

DATE OF ACTION: January 8, 2004

TOPIC: Section 4E.08 Pedestrian Detectors

ORIGIN OF REQUEST: Signals Technical Committee

DISCUSSION: Based on research and input from the US Access Board with regard to the contents of the ADAAG, the Pedestrian Task Force proposed a modification to the section that discusses pedestrian detectors.

COMMITTEE ACTION: The Signals Technical Committee recommends that the National Committee submit the following proposed MUTCD change to sponsors for comments.

Modify the portion of Section 4E.08 before the first standard statement to read as shown below. This adds a new support paragraph, adds text to the existing first guidance paragraph, and adds new option and guidance paragraphs as follows:

Support:

The following guidance places pushbuttons within easy reach of pedestrians who are intending to cross each crosswalk and makes it obvious which pushbutton is associated with each crosswalk. This location also positions pushbutton poles optimally for subsequent installation of accessible pedestrian signals.

Guidance:

When pedestrian actuation is used, pedestrian pushbutton detectors should be capable of easy activation and conveniently located near each end of the crosswalks. Except as described in the Option below, pushbuttons should be located to meet all of the following:

- A. Adjacent to a level all-weather surface;
- B. Between the edge of the crosswalk line (extended) farthest from the center of the intersection and the side of a curb ramp (if present), but not greater than 1.5 m (5 ft) from said crosswalk line;

C. Between 0.45 m (1.5 ft) and 1.8 m (6 ft), but not greater than 3 m (10 ft) from the edge of the curb, shoulder, or pavement; and

D. With the control surface parallel to the crosswalk to be used.

At corners of signalized locations where two pedestrian pushbuttons are provided, the pushbuttons should be separated by a distance of at least 3 m (10 ft). See Figure 4E-2 for typical applications.

Option:

Where there are constraints that make it impractical to meet the Guidance on pedestrian detector separation in this Section, on a corner requiring pedestrian actuation of signals for two crosswalks, a single pole may be used.

Guidance:

Where accessible pedestrian detectors are used at corners having a single pushbutton pole, the accessible pedestrian detectors should have the features described in Section 4E.09 for this situation.

VOTE:

For - 25
Opposed - 4
Abstentions - 0

**REFERENCE TO AFFECTED
PAGE NUMBERS IN MUTCD:**

Page 4E-6 in 2003 Edition of the MUTCD.