



Highway Safety & Design Engineering Instructions (HSDEI)

Distribution: Highway Division, Director of Policy, Planning and Intermodal Development, Chief of Contract Administration, American Council of Engineering Companies of Vermont

Approved: _____ **Date:** _____
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Subject: **Guidelines for Pedestrian Crossing Treatments**

Administrative Information:

Effective Date: HSDEI 16-102 shall be effective from the date of approval.

Superseded HSDEI: HSDEI 15-100

Exceptions: Not applicable

Disposition of HSDEI Content: This guideline will be coordinated with future updates of the VTrans Pedestrian and Bicycle Planning and Design Manual and the Vermont State Standards.

Purpose:

To provide guidance to Agency staff when considering the installation of marked crosswalks on the state highway system.

Technical Information:

The design of crosswalk markings and associated signs is provided in the Manual on Uniform Traffic Control Devices (MUTCD), but the MUTCD does not provide much guidance on appropriate locations for crosswalks. An FHWA report indicates that for mid-block crosswalks under various traffic and roadway geometry conditions, additional “enhancements” are needed to make those crossings safe for pedestrians. This updated set of guidelines provides clarification about when those enhancements should be included with a crosswalk and provides guidance on proper implementation of those enhancements.

Implementation:

The content of HSDEI 16-102 is to be implemented beginning immediately for all new crosswalks proposed on state highways. This includes traffic ops work orders, crosswalks proposed by municipalities via Utilities permits and all Agency sponsored projects. Crosswalks on town highways are under the jurisdiction of the respective municipality, but they may use this guidance as part of their local decision

making process. This guideline provides additional information to the January 2015 Guidelines for Pedestrian Crossing Treatments.

Transmitted Materials:

- “Guidelines for Pedestrian Crossing Treatments”
<http://vtrans.vermont.gov/sites/aot/files/highway/documents/ltf/Guidance%20for%20Pedestrian%20Crossing%20Treatments%20-%202016.pdf>