



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:** 1/20/2015
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Subject: **Guidelines for Pedestrian Crossing Treatments**

Administrative Information:

- Effective Date:** HSDEI 15 – 100
- Superseded HSDEI:** Not applicable
- Exceptions:** Not applicable
- Disposition of HSDEI Content:** The content of HSDEI 15–100 will be incorporated with future updates of the VTrans Pedestrian and Bicycle Planning and Design Manual and the Vermont State Standards.

Purpose:
To goal of HSDEI 15-100 is to distribute guidance to VTrans personnel for their use 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), however the MUTCD does not provide sufficient 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 also provides guidance on proper implementation of those enhancements.

Implementation:
The content of HSDEI 15-100 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 supersedes the July 2004 Vermont Agency of Transportation Guideline for the Installation of Crosswalk Markings and Pedestrian Signing at Marked and Unmarked Crossings.

Transmitted Materials:

- “Guidelines for Pedestrian Crossing Treatments”
http://vtransengineering.vermont.gov/sites/aot_program_development/files/documents/ltf/Crossing%20Treatment%20Guidelines%20January_2015.pdf