



A product of the Federal Highway

Administration's (FHWA) Safety Research and Development Program, the Interactive Highway Safety Design Model (IHSDM) is a suite of safety analysis tools to evaluate the safety and operational effects of geometric-design decisions on highways. The following resources are available to individuals considering or using IHSDM:

- **IHSDM Public Software Web Site.** Through 9/24/21, users can register for and download the IHSDM 2021 Release from the site (<https://www.ihsdm.org>). After 9/24/21, all downloads must be done from the FHWA IHSDM web site (see below).
- **FHWA IHSDM Web Site.** The site, <https://highways.dot.gov/research/safety/interactive-highway-safety-design-model/interactive-highway-safety-design-model-ihsdm-overview>, provides a means for users to download the IHSDM 2021 Release. It also provides an overview of and background information on IHSDM, including FAQs, information on the IHSDM User Group, IHSDM Resources, summaries of selected IHSDM user applications/case studies, a summary of IHSDM-related events (e.g., web conferences), and a library of the research reports upon which IHSDM's analytical procedures are based.
- **Highway Safety Manual Web Site.** This site, <http://www.highwaysafetymanual.org>, provides information related to AASHTO's Highway Safety Manual (HSM). The 1st Edition HSM consists of Parts A (Introduction and Fundamentals), B (Roadway Safety Management Process), C (Predictive Method), and D (Crash Modification Factors). The IHSDM Crash Prediction Module (CPM) includes a faithful software implementation of HSM Part C, which includes crash prediction methodologies for two-lane rural highways, multilane rural highways, urban/suburban arterials, and freeway segments and interchange components.

- **Technical Support.** A technical support staff with intimate knowledge of IHSDM is available to answer questions and provide help to IHSDM users during normal business hours. Staff can be contacted two ways:
 - Email: IHSDM.Support@dot.gov.
 - Call the IHSDM Help Line at 202-493-3407.
- **IHSDM Training.** Training related to IHSDM is offered by the FHWA's Resource Center and through the National Highway Institute (NHI). NHI offers a Web Conference Training (WCT) "Using IHSDM" course (Course Number FHWA-NHI-380100), and a two-day, onsite IHSDM Training Course (Course Number FHWA-NHI-380071). For additional information, refer to the [NHI Web site](#).

IHSDM "How-To" Videos: FHWA produced a series of three IHSDM "How-To" training videos, which can be accessed from the [Roadway Safety Data Program Toolbox How-To Video page](#).

- **For more information, contact :**

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