

Data-Driven Safety Analysis

FREE WORKSHOP



Safety Analysis of Freeway Segments and Interchanges

Two Day Workshop Agenda

Part 1: Introduction

- » Overview of new HSM Chapters 18 & 19

Part 2: ISATe

- » Using ISATe to analyze freeway/interchange safety

Part 3: IHSDM

- » Using IHSDM to analyze freeway/interchange safety

The 2014 Supplement to AASHTO's Highway Safety Manual (HSM) introduced new material for the first time since the First Edition was published in 2010. Before 2014, it was impossible to analyze freeways or interchanges using HSM methodologies. But no longer!

FHWA is offering a free two-day workshop exploring how geometric design, traffic control, and other factors affect roadway safety. Participants will learn crash prediction methodologies for freeway segments and interchanges that were published in the HSM, First Edition Supplement (Chapters 18 and 19).

Attendees will also gain experience using two free tools that automate the application of HSM methodologies:

- Enhanced Interchange Safety Analysis Tool (ISATe)
- Interactive Highway Safety Design Model (IHSDM)

These two tools help users predict the safety effects of varying freeway segment and interchange designs.

Workshop Learning Outcomes

- Describe how freeway and interchange safety analysis can support decision-making for project design choices.
- Optimize investments by applying the most current analytical methods to quantify safety.
- List examples of how the HSM chapters on freeway segments and interchanges could be applied during project decision-making.
- Use ISATe and IHSDM to apply the HSM predictive methodology to assess safety on freeway segments and interchanges.

Workshop Time and Location

You Choose!

For more information or to schedule a workshop in your State, please contact:

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