

## Federal Highway Administration

# Road Safety Audit Course

## Challenge

The Federal Highway Administration (FHWA), wanted to expand the success of the Road Safety Assessment (RSA) program by developing a formal RSA course. RSAs require the collaboration of lay persons and professionals to review roadway plans and visit roadway sites to identify possible safety issues and suggest solutions.

The new RSA course needed both to educate participants on the RSA process and to make the case for RSAs as a generally superior approach to improving road safety. The course had to be applicable anywhere in the US.



## Solution

I-3 Training devised hands-on training that includes:

- Road safety basics: geometry, operations, road users, and environment (GORE).
- A systematic approach to arranging, conducting, and implementing RSAs.
- Applying GORE to identify road safety issues and formulate possible solutions.
- Performing an on-site, practice RSA.
- Practicing presentation techniques to get buy-in from managers and design teams.

The course includes interchangeable content to accommodate urban, rural, tribal, and mixed jurisdictions. The key learning experiences are the practice RSA s and presentations. Participants practice both process and collaboration.



## Results

Formalizing the course enabled more instructors to lead the course for broader distribution. Participants who complete the course have been able to explain the benefits of the RSA approach as well as implement the approach locally. The spreading adoption of RSAs will inevitably lead to fewer crashes, injuries, and fatalities on American roads.