



Road Safety Audits/Assessments

Description – Developed to enable anyone involved in highway safety or planning to participate as a team member in a Road Safety Audit or Assessment (RSA). This course provides a basic knowledge of roadway environments and the steps necessary to complete an RSA and collaborate with a project owner to enhance highway safety.

Despite improvements in the fatality rate per 100 million vehicle miles traveled (MVMT) in the last fifteen years, over 43,000 people are killed each year in vehicle crashes on our nation’s roads. Studies in Europe, Australia and spot studies in the United States show RSAs are an effective tool to identify areas and make suggestions for improvements that can result in fewer crashes.

The course provides techniques and strategies for conducting and presenting RSAs, specifically designed for those individuals directly involved in the identification and implementation of road safety solutions. The course focuses heavily on process, analysis, and the collaboration necessary to both identify road safety issues in diverse geographical areas and present solutions to roadway project designers and owners.

Who should attend? - Federal, state, tribal and local transportation personnel as well as law enforcement and other public safety advocates interested in safer roads including roadway maintenance personnel, public works officials and planners. Consultants who conduct highway safety studies or RSA may also attend.

Workshop Length – 2 Days

Instructor – David Petrucci, P.E., PTOE, RSP₂, Senior Safety Engineer, Federal Highway Administration Resource Center, Safety and Design Team, david.petrucci@dot.gov

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Course Goals

- Recognize RSAs as a multi-disciplinary effort
- How you and your skills fit into the RSA Team.
- Identify the RSA steps and explain how they make roads safer.
- Apply knowledge and skills by conducting a practice RSA.

Course Outcomes

- Explain the benefits of RSAs.
- Identify the resources available for RSAs.
- Describe the steps in the RSA process.
- Perform a simple RSA, as a member of an RSA team.
- Identify time, cost, and liability issues of RSAs.
- Explore countermeasures useful to employ on RSAs