

Road Safety Assessment Annotated Outline

Overview

- Site description – include map, aerial photo, roadway elements and configuration sketch
- How and why study location was chosen- high crash segment and/or intersection(s) rank
- Brief summary of the study team and process – include data collected before and during field review.

Crash Analysis

- Crash history for the most recent 3 (or 5) years
- Crash characteristics: type, time, day, drivers, weather and surface conditions, etc.
- Collision diagram(s) for hot spots – separate diagram by collision type for high crash locations
- Traffic volume summary – time of day and turning movement influences
- Findings and Conclusions- include the potential relationship between observed crashes and site features.
- Hypothesis of the safety impacting factors – include influence of conditions upstream and down stream of site.
- Tasks and areas of special attention for field review observations.

Field Observations

- Observation approach and techniques- describe activity performed, video collected etc.
- Observation findings – provide still or video pictures of key points.
- Identify safety impacting features.

Suggested and Prioritized Improvements

- Improvement countermeasures - explain relationship to crash analysis and field observations and provide annotated sketches and/or aerial photo drawings.
- Short-term alternatives – maintenance and no-plan countermeasures
- Intermediate alternatives – design plans but no right-of-way or environmental impacts
- Long-term alternatives – full construction projects requiring 2 to 3 years