Arizona Road Safety Audit Program

Mike Blankenship, P.E. Arizona RSA Program Manager

FHWA identified Arizona as:

- "Opportunity" state for fatality rate
- "Focus" state for road departure, intersection, and pedestrian fatalities

Governor's Traffic Safety Advisory Council

- Established in 2004
- Goal: reduce number of fatalities and injuries caused by crashes
- Improving traffic safety through collaboration and integration of the 4Es:
 - Engineering, Education, Enforcement, & Emergency Response
- Developed a Transportation Safety Plan

Road Safety Audit (RSA) Subcommittee

- GTSAC identified RSAs as a priority theme strategy
- RSA subcommittee established with diverse representation
- Subcommittee recommended a statewide RSA program
- Statewide program for all public roads

Arizona RSA Definition

A Road Safety Audit is a *formal* examination of user safety of a future or existing roadway by an *independent*, *multi-disciplinary* team

Arizona RSA Program

- Administered by ADOT Highway Enhancements for Safety (HES)
- RSAs conducted by request (road owner or land owner)
- Formal report is prepared and provided to requestor
- Requestor is to provide a written response
- RSA Manager to follow-up regarding implementation

Arizona RSA Program

- RSA marketed as a tool to address safety concerns and issues
- Developing a Peer-to-Peer Program
- Building Partnerships of joint road owners and road/land owners
- Training is provided per request
- Provide technical/administrative assistance to local and tribal jurisdictions

Arizona RSAs

- Conduct 15 RSAs first year
- All stages: scoping, design, construction, existing
- Urban and rural
- City, county, state, tribal, and federal locations

AZ RSA Process Initiating an RSA

Responsibility of requestor:

- Identify project or site to be audited
- Complete the RSA Application Form and submit request
- Work with RSA Program Manager to select team members and schedule the RSA

AZ RSA Process Identifying an RSA Team

RSA Manager works with the requestor

- 4-6 team members (as large as 10)
- ADOT (Maintenance, HES, Design), FHWA, DPS, BIA, COG, GOHS, County, City, On-call Consultants, FHWA Peer-to-Peer
- Multi-disciplinary representation

AZ RSA Process Conducting the RSA

1. Start-up Meeting







2. Site Visit

4. Preliminary Findings Meeting

AZ RSA Process After the Actual RSA







5. RSA Report

6. Owner Response

7. Implementation

RSA Peer Exchange

- Arizona Program is in its infancy
- Participation in peer exchange to share what we have learned to date

AND

Learn from each of you

Questions for Peers

- Any funding programs for implementing RSA recommendations?
- How long to get RSA recommendations implemented?
- How do the RSA Report findings get incorporated into future projects?
- How much emphasis on independence of team members?
- How do you use state on-call consultants for local projects?

Questions for Peers

- What's your experience with different project stages (planning, design, construction, existing)? Any projects with an RSA at every stage?
- Any follow-up evaluation of RSA countermeasures implementation? Of RSA process?
- Conducting RSA's on policies, as opposed to projects?

Contact Information

For more information, contact:
Mike Blankenship, P.E
Arizona RSA Program Manager
602-712-7601
mblankenship@azdot.gov

Karla Petty, P.E. FHWA/AZ GOHS 602-255-3216, ext. 6031 karla.petty@dot.gov