

Road Safety Assessments (RSAs) at Urban Intersections

MAG Transportation Review Committee
January 24 2012



Summary

- October 2012 - MAG call for RSA projects - single intersections OR arterial corridors with multiple intersections
- \$300,000 is available to perform RSAs
- Applications received from 3 agencies requesting for RSAs at 10 signalized intersections
- Safety Committee reviewed all applications and have recommended all 10 sites for RSAs

Overview of RSAs

- A formal assessment of safety performance
- A proactive approach
- Multidisciplinary Team:
 - Law Enforcement Officer
 - Safety Planner
 - Traffic Engineer
 - Human Factors Expert
- About 11 weeks to complete an RSA project



How We Prepared To Perform RSAs

- **Held a two-day RSA workshop in Dec 2010**
 - Local agencies, ADOT & MAG
 - MAG Safety on-call consultants (required)

- **Established a standard procedure for performing RSAs**

- **ADOT RSA Program Manager, Mike Blankenship, lead the first 7 RSAs, MAG consultants were part of the RSA Team**

- **Next 11 RSAs were lead by MAG on-call consultants**

Field Review

Project Owner DOES NOT PARTICIPATE

RSA Team observes:

- All road safety/risk issues
- Daytime and nighttime risk differences
- AM/PM peak and off-peak traffic patterns
- All road users - drivers, pedestrians, bicyclists, transit riders
- Driving and walking environment on each approach



RSA Final Report

- Consultant delivers Final Report to MAG
- MAG delivers a copy to all affected local agencies

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Road Safety Assessment at Union Hills Drive & 7th Street Intersection



Prepared for:
City of Phoenix
Street Transportation Department
Traffic Management & Safety Section



Funded by:
Maricopa Association of Governments
Transportation Safety Committee

Local Agency/Project Owner Responsibilities

- Develop a comprehensive response to the recommendations in the RSA report within six weeks
- The agency response should address each recommended corrective measure
- Include an estimated timeline for implementation
- Keep the response on file

Thank You!

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