

An Industry View on Road Safety Auditing

Shalendra Ram

August 29, 2013



Presentation Outline – Road Safety Auditing (a perspective)

- Introduction
- Team
- Client Liaison
- Road Users & Environment
- Methodology – RSA
- Summary



Introduction (1) – Road Safety Auditing (RSA)

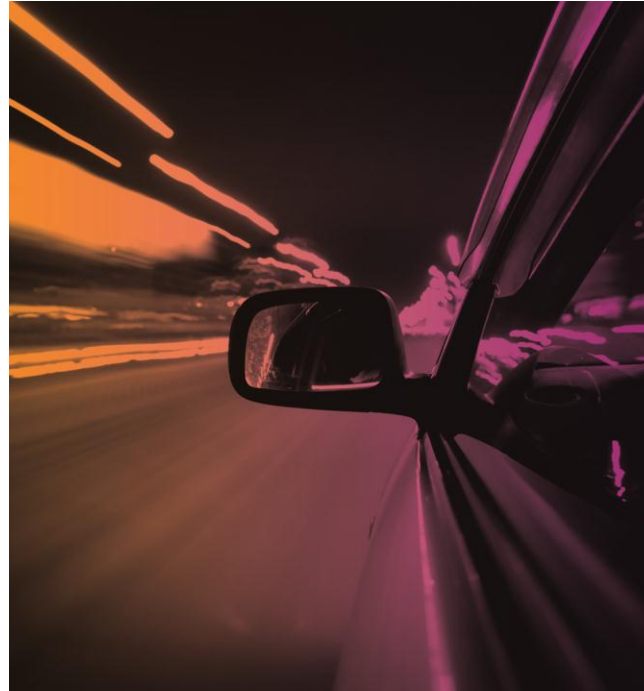
- Formal identification of potential road safety problems
 - National Austroads Guide Part 6 (2009)
 - State Policies and Guidelines
 - ISO 39001 Management System Standard (2012)
- Improved safety benefits to community
 - Accident reduction
 - Safer driving environment
 - Better design principles
 - Assessment of works
- Reduce risk & liability to agency

*The Austroads Guide to Road Safety
Part 6: Road Safety Audit (2009)
defines a road safety audit as:*

“A formal examination of a future road or traffic project or an existing road, in which an independent, qualified team reports on the project’s crash potential and safety performance.”

Introduction (2) – Road Safety Auditing (RSA)

- Implementation & Management
 - RSA at different project stages
 - Accreditation of auditors
 - Database of RSAs & evaluation
- Consistent Implementation?
 - Frequency
 - Scope



Team – Road Safety Auditing (RSA)

- Team makeup
 - Blend of skills & experience
 - Lead & auditors (specialist inputs)
 - Independence
- Motivation through recognition and rewards
- Strategic guidance



Client Liaison – Road Safety Auditing (RSA)

- Audit Phases
 - Entrance
 - During
 - Close Out
- Project information
- Client education
- Expectations & independence



Road Users & Environment – Road Safety Auditing (RSA)

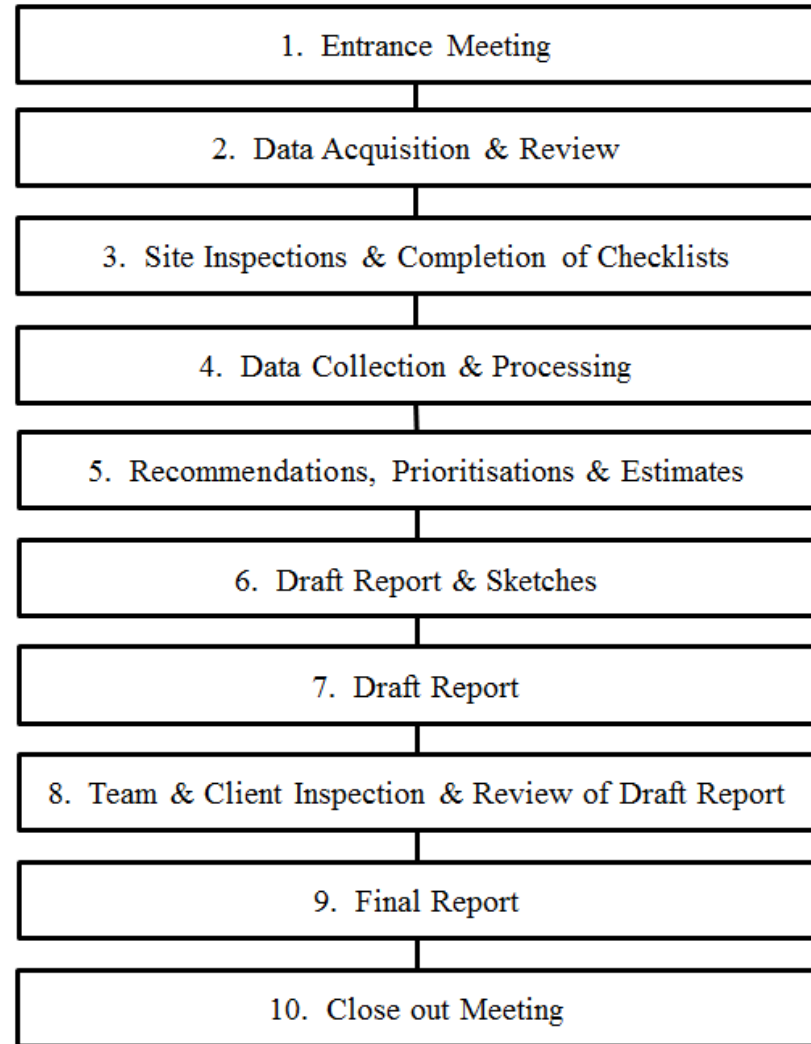
- Road Users / Vehicle types
 - Cars, Pedestrians, Cyclists, Trucks, Buses, Mobility Impaired
 - Age (old and young)
 - Behaviours (tired, fatigue, under influence)
- Environment / Conditions – contributes to safety of road user
 - Day/Night; Dry/Wet; Glare/Shade



Methodology – Road Safety Auditing (RSA)

RSA

- Undertake to fees & timelines
- Value add (data collection & processing)
- Recommendations & prioritisation



Summary – Road Safety Auditing



RSA: Identify potential safety problems & implement measures to eliminate / reduce

Policies & Process: Review

Auditors: Particular attention to

- Team makeup
- Client meetings
- Technology
- Independence
- Promote benefits

Thank You

shalendra.ram@aecom.com