Road Safety Engineering, Black Spot and Road Safety Auditing

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Complementary Skills

Road Safety Engineering

Black Spot

Road Safety Auditing
Road Safety Auditing and Local Government

- Policy Development

- Benefits of Establishing Auditor Resources in LGs
  - Complementary skills development
  - Cost savings – engaging consultants
  - Road Safety Inspections – recent change to Austroads independence guidance
New Road Safety Engineering Training

- 10 interactive competency assessed, easy to navigate modules
- Flexible online course delivery via Road Safety Audit Portal
- Assists identify and develop Federal and State funded Black Spot Projects
- Increase Road Safety Engineering skills within your Local Government
- Resources provided for all module content
Welcome to the Road Safety Audit Portal
www.road-safety-audit-wa.org

Road Safety Auditing
“A road safety audit is a formal examination of a future road or traffic project or an existing road, in which team reports on the project’s crash potential and safety performance. A road safety audit has the greatest safety.”

(Austroads - Guide to Road Safety Part 6: Road Safety Audit)

To effectively coordinate road safety auditing in Western Australia, the Institute of Public Works Engineering Australia (IPWEA WA) and Main Roads WA (MRWA) signed an agreement on 22 December 2016. In general, MRWA is as follows:

Training Hub in WA:
• Road Safety Engineering
• Road Safety Auditing
Cost of training discounted by up to 60%
- Road Safety Engineering training
- Road Safety Audit training

Regional Temporary Exemption
- Reduced audit team composition
  - SRSA to lead RSA team and 1 Audit Team Trainee (ATT)
Future Projects to Assist LGs

Crash Analysis Reporting System (CARS)

- CARS Redevelopment Project
  - Large project – 2 stage delivery
    - Stage 1 – CrashMap WA / CARS
    - Stage 2 – Consolidation – CrashMap WA

Stage 1

- CrashMap WA / CARS
  - Relational crash mapping functionality
  - Collision diagram creation
  - Improved crash information interrogation
  - Estimated delivery late 2020

Stage 2

- Consolidation - CrashMap WA
  - Single tool incorporating Black Spot submission process
Future Projects to Assist LGs

Proposed RoadView video assessment tool
• This project is currently in its early stages of technical feasibility

What is RoadView?
• It is a web-based relational video tool that allows video to be related to road asset information and recorded crash data
• It allows a user to better relate crash data and road environmental features to assist conduct road safety route assessments to better target treatments
• It will also have secondary benefits for asset management
• Users will only need a gps enabled dashcam to record the video which is then viewed on the web-based viewer and related to available inventory and crash information
Questions?

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