



Road Safety Audit

Road safety is an emotive subject for many people. The far reaching impacts on the families and communities of people killed or injured on our roads cause suffering, life changing circumstances and economic loss.

Highway and weather conditions, vehicle malfunction or driver error all play a part in road accidents. The Road Safety Audit (RSA) process is one of many measures introduced to help prevent collisions by encouraging safe highway design and making the roads a safer environment for all road users.

A Road Safety Audit by a team of safety professionals appointed independently of the project designers provides a proactive safety assessment of new highway schemes or improvements at preliminary and detailed design stages and post construction.

The benefits of a Road Safety Audit include:

- identifying any potential road safety related problems with the design and its interface with the surrounding highway network
- considering the safety impacts of the scheme proposals on all likely road users
- giving the designer the opportunity to eliminate or mitigate against any potential road safety problems
- reducing the potential for collisions occurring as a result of a proposed highway scheme / improvement
- potentially reducing delay in project approvals
- potentially reducing the cost of design, and on-site improvements.

Road Safety Audit



Our Road Safety Audit team is one of the first in the UK to have members who hold a Highways Agency Approved Certificate of Competency, demonstrating compliance with HD 19, IAN 152/11 and the requirements of EU Directive 2008/96/EC.

Road Safety Audits will typically be undertaken at four stages of the project in accordance with the requirements of HD 19:

- stage 1: completion of preliminary design
- stage 2: completion of detailed design
- stage 3: completion of construction
- stage 4: monitoring (12 and 36 months post completion).

Road Safety Audits at Stages 1 to 3 have become a staple part of the design process in the UK, contributing to the continual downward trend in casualty rates seen in recent years. However, Stage 4 Road Safety Audits, which involve monitoring of collisions post scheme implementation, are still relatively rare. With collision investigation and prevention also forming part of Royal HaskoningDHV's road safety expertise, our wide range of experience can ensure a comprehensive Stage 4 Road Safety Audit. This will give a clear understanding of any long-term safety problems resulting from the scheme implementation.

Our experts can also perform interim audits between these designated stages if an additional road safety view is required earlier in the design process, or at any other point in the design/construction cycle. The scope of a Road Safety Audit can be widened as part of our quality audit process and can also include:

- Road Safety Audit
- non-motorised user audit
- access audit
- community street audit
- cycle audit.

Royal HaskoningDHV's safety experts are passionate about sharing the practical experience gained through delivering many Road Safety Audits and safety related projects. We are involved in construction projects across the world, encouraging road safety internationally throughout the design process.

Shirley Dumigan

T: +44 (0) 121 709 6541

E: shirley.dumigan@rhdhv.com