

ITT2: Road Safety Audit

Scenario

Question

1 Background

- 1.1 Road Safety Auditing involves the systematic appraisal of highway schemes to assess the potential road safety implications of all measures, their impact on the network under all anticipated operating conditions, and their road safety implications on all types of road users.
- 1.2 This service is provided throughout the whole life cycle of a project from inception to close with the potential for post implementation collision monitoring.

2 Key Requirements

- 2.1 TfL is seeking specialist support for road safety audit activities on pan-directorate programmes to ensure the business needs and priorities are met.
- 2.2 Demonstrated competence and capability across all road safety audit stages and a broad range of schemes. This is to support the engineering function in whole or part in respect of case scenarios within their field of expertise.
- 2.3 Demonstrated competence in the analysis and interpretation of collision data to support the engineering function.

3 Key Accountabilities

- 3.1 Delivery of road safety audits at stages 1, 2, 3 and 4 in accordance with TfL's current edition of its road safety audit procedure SQA-0170.
- 3.2 Liaison with stakeholders and other interested parties to facilitate the delivery of road safety audits.
- 3.3 Liaising with the client to understand the requirements of the task/brief and the scheme to be audited.
- 3.4 Establishing and maintaining good working relationships with the programme team, end user representatives, other Surface Transport directorates and TfL businesses, London Boroughs, the Police and all relevant external stakeholders.
- 3.5 To be accountable for the preparation and delivery to agreed time, quality and cost parameters of services and to ensure milestone risks and issues are actively managed in accordance with TfL procedures.

4 Scenario Question

TfL are proposing to implement a major transformational scheme to significantly transform a roundabout into a two-way peninsular, incorporating enhanced pedestrian and cycle facilities.

To enable the delivery of the peninsular scheme, Road Safety Audit is required at Stages 1, 2 and 3 throughout the lifecycle of the project.

For reference, Road Safety Audits must be strictly conducted in accordance with TfL Road Safety Audit procedure SQA-0170 (dated May 2014).

5 Response Content

In no more than 2000 words contained in a maximum of 6 sides of A4 (pictures, diagrams etc. may be included in the sides of A4 limit) demonstrate your understanding of the process, actions and outputs required in the delivery of the following areas:

- Stage 1 Road Safety Audit on the feasibility design of the peninsular scheme, including an example of a hypothetical Stage 1 Road Safety Audit problem.
- Stage 2 Road Safety Audit on the detailed design of the peninsular scheme including an example of a hypothetical Stage 2 Road Safety Audit problem.
- Stage 3 Road Safety Audit through construction and immediately following construction of the peninsular scheme including an example of a hypothetical Stage 3 Road Safety Audit problem.

In addition to the above, provide your understanding of the interaction between Road Safety Audit and CDM Regulations, particularly regarding Road Safety Audit recommendations.