Design Philosophy and Domains Concept and Reporting

Overview

This course sets out the design philosophy principles in technical documents standards, drawings and specifications which underpin the creation of a successful design. It will define the design domain concept where the design domain for a new road is traditionally referred to as the 'normal design domain. It also expands into extended design domain and use of design exceptions with justification. These concepts are acknowledged in the TMR (Transport and Main Roads) Road Planning and Design Manual.

Target audience

All personnel working in the field of road design. This includes Road design engineers, designers, technicians, consultants, and local authorities.

Prerequisites

Knowledge of road design and operation.

Business benefits

Road design staff participating in this program will walk away with expanded technical knowledge of design domain concept parameters and use of design exception strategies to assist in their roles.

Duration

6 hours.

0048-2017

Program outcomes

At the completion of this program participants will be able to:
- Appreciate the intention of road design, its domain and responsibilities as a designer and engineer.
- Utilise the EDD (Extended Design Domain) and Design Exception concept and relationship within overall road design and associated publications.
- Gain awareness of liability concerns including certification and accountability
- Have knowledge of the EDD and Design Exception design delivery reporting process.

Program content

- Design Philosophy
- Design Domain
- Extended Design Domain
- Design Exceptions
- Design Classes
- Potential Liability
- EDD and Design Exception Process and Reporting.

Queensland
Government