Traffic Management Design

Setting the new standard for a safer worksite and better customer experience

As you would be aware workers interaction with construction and passing traffic represents one of the greatest risk factors on any roadwork worksite. Ensuring the safety of our workers and road users is our highest priority at all times. Quality traffic management design and implementation is essential to the efficient and safe operations of these worksites.

The Traffic Management Design training course has been developed to provide those responsible for managing traffic at worksites with a practical understanding of industry best practice in the design and development of Traffic Management Plans and Traffic Guidance Schemes.

Traffic Management Design training course

In June 2015, Transport and Main Roads introduced a new two-day course, Traffic Management Design (TMD), to replace Level 3 and Level 4 Traffic Management training. TMD provides more consistent and comprehensive training for traffic management design, and is required learning for any personnel involved in the design and development of Traffic Management Plans (TMPs) or Traffic Guidance Schemes (TGSs) in Queensland.

Course content:

The program examines the following in detail:

- The requirements of a Traffic Management Plan
- Preparation of a Traffic Management Plan
- The requirements of a Traffic Guidance Scheme
- Preparation of a Traffic Guidance Scheme
- Defining the requirements for the set up and removal of a TGS
- Defining the requirements for monitoring a TGS while in operation.

Who should attend?

Any person required to design/develop Traffic Management Plans and Traffic Guidance Schemes in Queensland. This includes:

- Engineers
- Practitioners who design or approve Traffic Management Plans and Traffic Guidance Schemes.

Staff that require this qualification to perform their role must successfully complete the training and the post course assessment.

From 1 July 2016 any one taking on the role of Nominated Traffic Officer will need to hold a Traffic Management Design qualification.

Prerequisites

TMD differs significantly from the previous Level 3 training, in particular with regard to its prerequisites. These prerequisites are designed to ensure that all persons entering the program have the best chance of passing, and are based on:

1. Prior learning

2. Gating questions.

Prior learning

To enrol in TMD training, candidates must show evidence of sufficient prior learning. The evidence required from candidates will differ depending on their background – as outlined in the table below.

Engineers	All other candidates
• Evidence of either RPEQ status, CPEng, or a minimum Bachelor of Engineering degree from a recognised tertiary institution.	• Completed Traffic Management Implementation/Level 2 (a statement of attendance for Level 2 is also suitable for people who did not complete the practical component of the training).
• Working knowledge of MUTCD Part 3 and supplements, *Traffic Management for Construction or Maintenance Work - Code of Practice 2008* and departmental Technical Notes.	• Minimum 2 years' experience post-completion of Traffic Management Implementation course (evidenced by a CV detailing traffic management experience).

Gating questions

Candidates must achieve a 100% competency on the gating questions in order to enrol in TMD. Gating questions are the same for all candidates, comprising short answer, true/false and multiple choice questions from the following documents:

- Traffic and Road Use Management Manual (TRUM)
- MUTCD Part 3
- Supplement to the MUTCD Part 3 Traffic Management for Construction or Maintenance Work - Code of Practice 2008
- Transport and Main Roads Technical Notes.

Assessment options

TMD has three assessment options: **Open**, **Restricted** and **Attendance Only**. Candidates can only choose an assessment option once they have completed the intensive, two-day course. These options permit personnel to work in different environments, as explained in the table below.

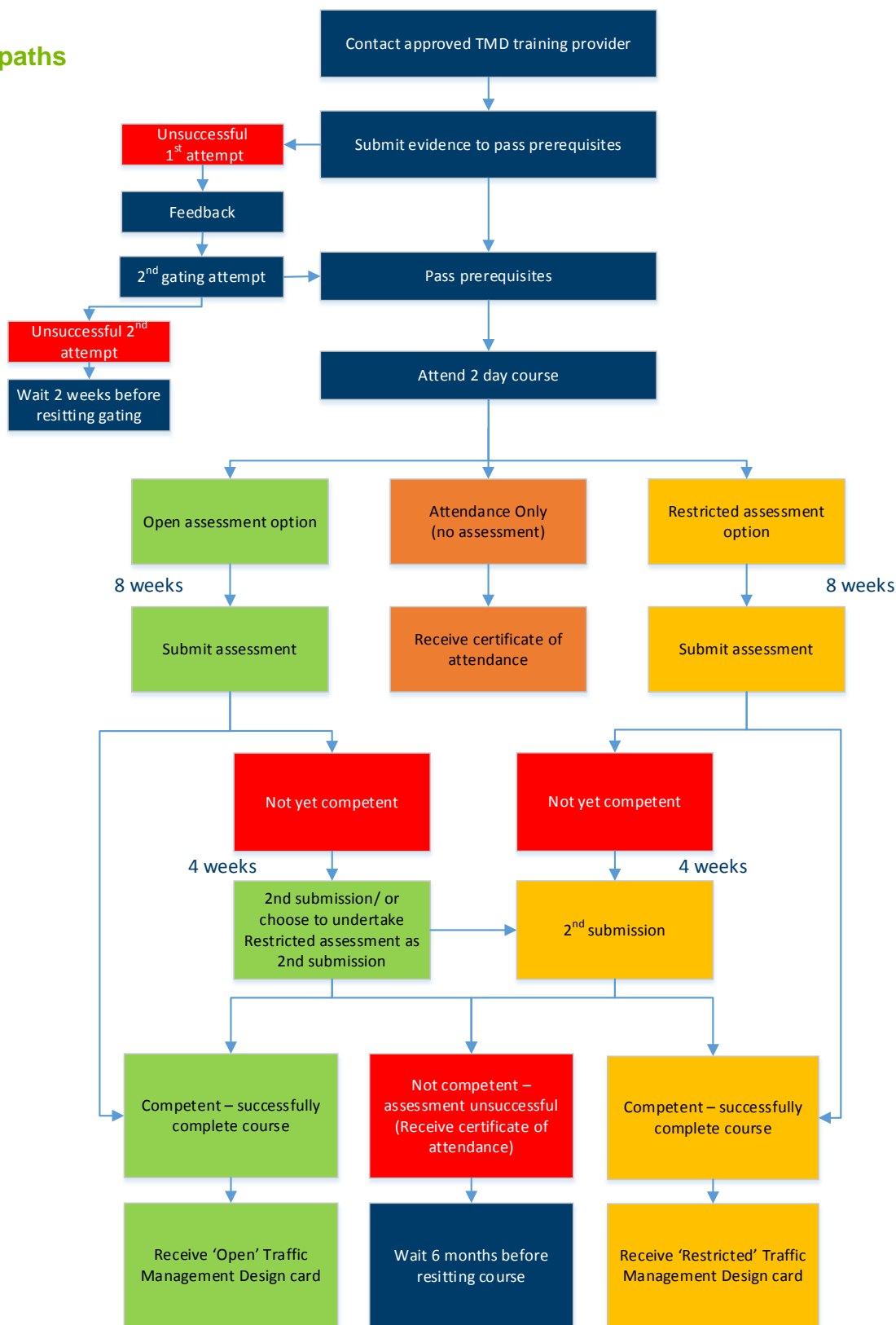| Level	Description
Open	Permitted to design and develop Traffic Management Plans (TMP) and Traffic Guidance Schemes (TGS) for work on all roads throughout Queensland.
Restricted	Permitted to design and develop Traffic Management Plans (TMP) and Traffic Guidance Schemes (TGS) for work only on roads with an Annual Average Daily Traffic of less than 10,000.
Attendance Only	Permitted to work in a supervisory role only – not to design or develop TMPs or TGSs

How to enrol

To arrange TMD training, please contact one of the Transport and Main Roads-approved training providers listed at http://www.tmr.qld.gov.au/business-industry/Business-with-us/Traffic-Management/Training-providers

Completing the course

The chart below indicates the different paths candidates may take to complete TMD training, as well as the relevant time frames. It is important to note the options open to candidates who have been unsuccessful in completing the course. While these personnel may re-sit the course, a waiting period of six months applies. Likewise, a two-week waiting period applies after the second unsuccessful attempt to pass the course gating requirements.

Training paths

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                                    Contact approved TMD training provider
                                                    │
                                                    ▼
  Unsuccessful          ◄──────────  Submit evidence to pass prerequisites
  1st attempt
       │
       ▼
   Feedback
       │
       ▼
  2nd gating attempt    ──────────►  Pass prerequisites
       │
       ▼
  Unsuccessful 2nd                                  │
  attempt                                           ▼
       │                              Attend 2 day course
       ▼
  Wait 2 weeks before
  resitting gating
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  Open assessment option      Attendance Only          Restricted assessment
                              (no assessment)           option

  8 weeks                                                         8 weeks

  Submit assessment           Receive certificate of    Submit assessment
                              attendance

       Not yet competent           Not yet competent

  4 weeks                                                         4 weeks

  2nd submission/ or
  choose to undertake    ──►  2nd submission
  Restricted assessment as
  2nd submission

  Competent – successfully    Not competent –           Competent – successfully
  complete course             assessment unsuccessful   complete course
                              (Receive certificate of
                              attendance)

  Receive 'Open' Traffic      Wait 6 months before      Receive 'Restricted' Traffic
  Management Design card      resitting course          Management Design card
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For more information about Traffic Management Design Training please contact Coryn Hedges on (07) 30668646 or coryn.j.hedges@tmr.qld.gov.au.