



CIVIL CONSTRUCTION TECHNICAL TRAINING PROGRAM

Earthworks Construction on Major Road Projects

This program will create training that is accessible and industry-led for new and existing Victorian Infrastructure Delivery Authority and Contractor workforce.

The scale, complexity and breadth of major road projects across Victoria is on the rise, with unprecedented investment in the State's road infrastructure.

Participants will focus their understanding on earthworks construction, risks and the critical need for understanding their role in MRPV. The Earthworks Construction course aims to increase technical capability and improve the quality of road and bridge civil construction by delivering standardised technical information and training.

It has been designed and delivered by Major Road Projects Victoria, on behalf of the Victorian government's Victorian Infrastructure Delivery Authority, and in partnership with the National Transport Research Organisation (NTRO).



Course content

The Earthworks Construction Training course aims to enhance participants' basic earthworks and formation good practice knowledge and provide confidence when undertaking earthworks and road formation.

The course will cover:

- Best practice methods
- Key roles, requirements and approaches
- The relevant technical specifications and requirements for earthworks construction
- Basic construction methods and equipment
- Environmental requirements
- Health and safety requirements
- Importance of quality control.

For more information, visit
roadprojects.vic.gov.au/technicaltraining

Learning objectives

At the completion of the training, participants will have consolidated their existing skills and knowledge of Earthworks Construction and will have gained a better understanding of:

- The types, quality and uses of materials used in information construction.
- The terminologies used in earthworks and road formation.
- Basic requirements of setting out for formation construction.
- Basic construction methods and equipment used.
- Basic elements of VicRoads/Austrroads standard specifications.
- Basic elements in compaction theory.
- Specific safety hazards involved in earthworks and road formation.
- New technologies, sustainability and operations in earthworks and road formation.

Course structure

This course is delivered face to face over one day.

Participants will receive a Certificate of Attendance upon completion.

Civil Construction Technical Training Program

This training module is part of the *Civil Construction Technical Training Program*.

Developed by Major Road Projects Victoria, within the Victorian Government's Victorian Infrastructure Delivery Authority, and in partnership with the North East Link Project, and the Victorian Department of Transport and Planning, along with industry, the Civil Construction Technical Training Program will help you build the key competencies your team needs to deliver major transport infrastructure projects for the Victorian government.

For more information on Civil Construction Technical Training Program, visit the careers page on the MRPV website.



What is NTRO

The National Transport Research Organisation (NTRO) collaborates with all levels of government, transport agencies, consultants, and private sector organisations on all aspects of transport and mobility in Australia, New Zealand and the Pacific region. NTRO is innovation driven, delivering innovative transport solutions that are safer, more sustainable and value-for-money.

About the Victorian Infrastructure Delivery Authority and the Department of Transport and Planning

The Victorian Infrastructure Delivery Authority was established on 1 January 2019 to oversee the major transport projects in planning and construction and is comprised of the following project teams:

- Major Road Projects Victoria
- Level Crossing Removal Project
- North East Link Project
- West Gate Tunnel Project
- Rail Projects Victoria
- Victorian Health Building Authority.

The Victorian Infrastructure Delivery Authority works closely with the Department of Transport and Planning to ensure major construction activities are coordinated across the transport network. We also work with industry to ensure it has the skilled workers needed to deliver Victoria's massive construction program. The *Civil Construction Technical Training Program* is one example of how we do this.

Find out how we're building big at bigbuild.vic.gov.au
To talk to us call **1800 105 105** any time.

If you're deaf, or have a hearing or speech impairment, contact us through the National Relay Service – for more information, visit relayservice.gov.au



For other languages
call 9209 0147



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