



CIVIL CONSTRUCTION  
TECHNICAL TRAINING PROGRAM

## Drainage Construction on Major Road Projects

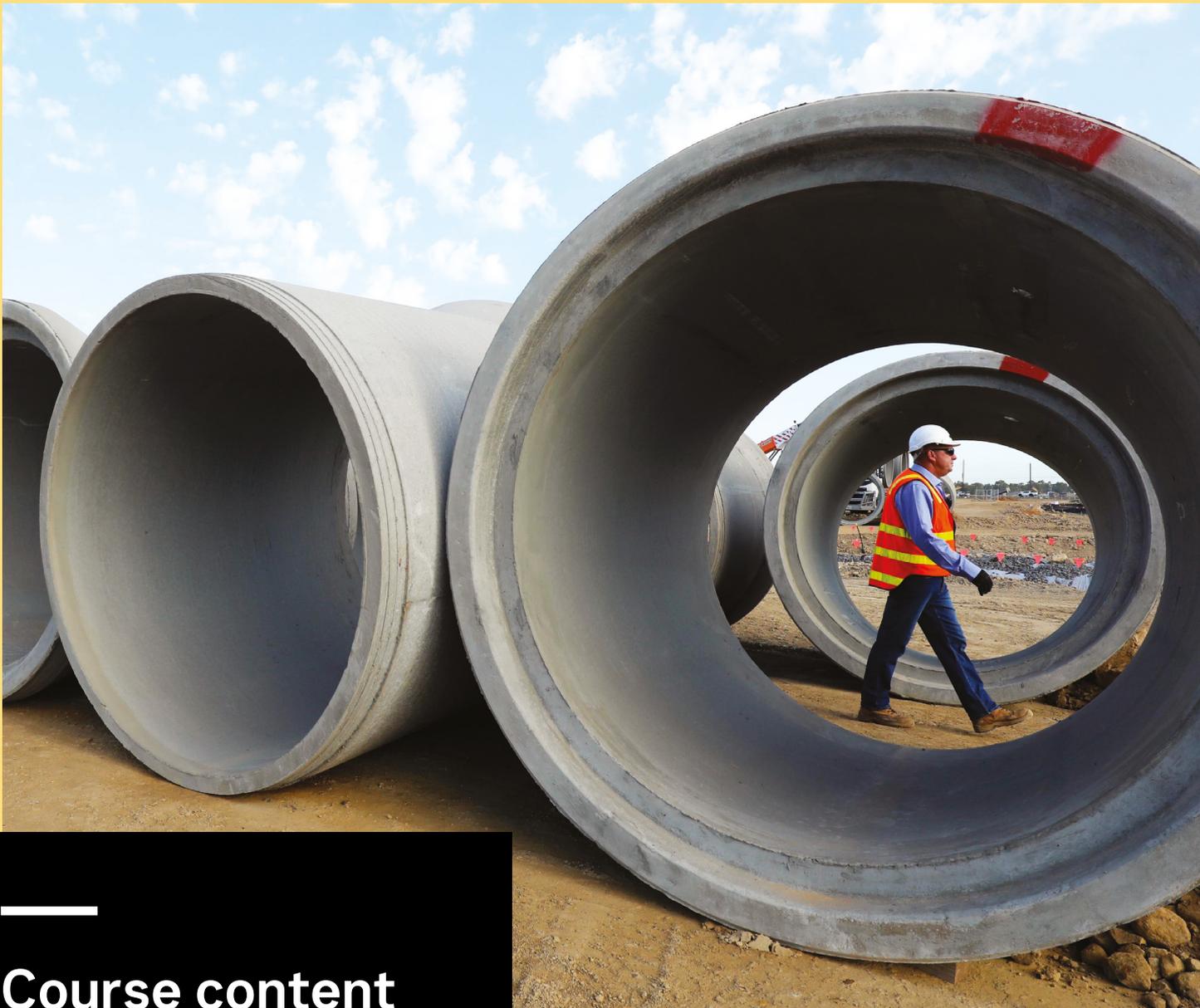
Drainage is a critical component of any civil construction project. Ensuring your team is equipped with knowledge of current technical standards and construction methods is vital for delivering transport infrastructure projects in Victoria.

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

*Drainage Construction on Major Road Projects* covers best practice in drainage construction including the rationale and key considerations for construction design and methodology.

This course reflects the current specifications and standards for drainage construction for Victorian road and bridge projects.

It has been designed and delivered by Major Road Projects Victoria, on behalf of the Victorian government's Major Transport Infrastructure Authority, and in partnership with the Australian Road Research Board.



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## Course content

*Drainage Construction on Major Road Projects* is designed for those who have some general knowledge and awareness of drainage construction works required to carry out specific tasks relating to drainage design and construction.

This course will be run over one day in person.

For more information, visit [roadprojects.vic.gov.au/technicaltraining](http://roadprojects.vic.gov.au/technicaltraining)

The course will cover:

- an overview of typical drainage design
- various drainage systems and their use in road construction, including surface and sub-surface drainage
- water sensitive road design
- drainage construction practices including construction materials
- materials handling and installation
- maintenance requirements
- how and when to raise an issue
- quality processes and assurance for delivered works
- safety and sustainability considerations.

Course content is aligned to current Victorian drainage design and construction specifications and standards.

## Learning objectives

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

- The different types of drainage systems and their relationship to VicRoads standards
- Water sensitive design principles and reference guides
- Critical culvert construction parameters
- The role of drainage in transport safety
- Confidence in spotting and avoiding common construction issues
- How and when to raise an issue or request clarification.

## Program structure

This program 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 Major Transport Infrastructure Authority, and in partnership with the North East Link Project, and the Victorian Department of Transport, 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.**

## About Australian Road Research Board

The Australian Road Research Board (ARRB) is Australia's National Transport Research Organisation.

ARRB are Australia's source of independent, expert transport knowledge and research. They advise key decision-makers within all levels of government, road agencies, and the private sector, on our nation's most important transport challenges and how to solve them.

ARRB's six pillars – Future Transport Systems, Future Transport Infrastructure, Road Asset Performance, Sustainability and Resilience, Transport Safety and Transport Certification Group – are geared to address the future of mobility and the challenges we face right now.

ARRB also produce standards, guides, and specifications for Australia's road, transport and mobility industry.

## About the Major Transport Infrastructure Authority and the Department of Transport

The Major Transport Infrastructure 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.

The Major Transport Infrastructure Authority works closely with the Department of Transport 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](http://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](http://relayservice.gov.au)



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