



Australian Government

RIIWH302 Implement traffic management plans

RIIWHS302 Implement traffic management plans

Modification History

Release	Comments
1	This unit of competency was first released in RII Resources and Infrastructure Industry Training Package Release 11.0.

Application

This unit describes the skills and knowledge required to set out, monitor and close down traffic management plans and traffic guidance schemes in civil construction.

It applies to those who plan, sequence and monitor work in live traffic environments. They share responsibility for the outcomes and safety of others.

Note: The terms Occupational Health and Safety (OHS) and Work Health and Safety (WHS) are equivalent and generally either can be used in the workplace. In jurisdictions where the National Model WHS Legislation has not been implemented registered training organisations are advised to contextualise the unit of competency by referring to the existing state/territory OHS legislative requirements.

Note: Austroads Guide to Temporary Traffic Management (AGTTM) has been adopted nationally. Providers should familiarise themselves with changes that have been adopted in each state and territory.

Licensing/Regulatory Information

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite unit(s)

No pre-requisite units

Competency field(s)

N/A

Unit sector(s)

N/A

Elements and Performance Criteria

Element	Performance criteria
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<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element. Required knowledge, skills and application should be considered and clearly articulated.</i>
1. Prepare to implement traffic management plan	1.1 Confirm worksite requirements and scope of traffic management plan and traffic guidance scheme with relevant worksite personnel 1.2 Identify risks, hazards and environmental issues, implement required control measures, and report issues in accordance with applicable legislation, regulatory requirements and worksite instructions 1.3 Verify that the traffic management plan and traffic guidance scheme are suitable for site conditions, traffic volumes and work activities, and confirm requirements are met in accordance with applicable legislation, regulatory requirements and worksite instructions 1.4 Provide traffic guidance scheme implementation instructions relevant personnel and clarify and confirm recipient understanding as required
2. Set out traffic guidance scheme	2.1 Check and confirm signs and devices are placed according to the traffic guidance scheme 2.2 Inspect the traffic guidance scheme and confirm readiness for the roadwork crew to proceed with work activities in accordance with worksite instructions 2.3 Confirm roadwork crew are protected from work site hazards in accordance with applicable legislation, regulatory requirements and worksite instructions
3. Monitor traffic guidance scheme	3.1 Confirm traffic flow is being monitored by required personnel in accordance with the traffic guidance scheme 3.2 Apply adjustments to the traffic guidance scheme within scope of own authority to maintain required traffic flow in accordance with job role and worksite instructions 3.3 Monitor work activities and apply required measures to address roadwork crew and road user non-conformance in accordance with regulatory requirements and worksite instructions 3.4 Respond to incidents involving unsafe road user behaviour in accordance with workplace requirements
4. Close down work activities	4.1 Support personnel to cover or remove traffic control equipment, signs, and devices in accordance with the traffic guidance scheme 4.2 Finalise traffic close-down activities and complete any reporting requirements in accordance with worksite instructions

	4.3 Confirm that tools and equipment are cleaned, checked, maintained and stored in accordance with worksite or manufacturer requirements
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Range of conditions

N/A

Assessment Requirements for RIIWHS302 Implement traffic management plans

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit, including evidence of the ability to:

- implement traffic management plans according to workplace policies and procedures on at least **three** separate live traffic projects:
 - ramp or slip-lane closure,
 - night-time traffic management setup under lighting,
 - contra traffic arrangement (using part of the opposing lane for redirected traffic),
 - shoulder or median closure,
 - lateral shift, or
 - implementing a traffic management plan at an intersection
- completing at least **one** project that involves site construction vehicles at an operational construction site.

During the above, the candidate must:

- locate and apply required legislations, documentation, policies and procedures including documentation required for worksite projects and required traffic management
- implement and complete a traffic management plan and traffic guidance scheme that meets all required outcomes including:
 - confirming all necessary resources are available
 - confirming all personnel understand, and are able to implement, their roles, task requirements, safety requirements and reporting requirements
 - communicating requirements with other relevant personnel prior to and during work activities
 - confirming that unattended sites and shut-down procedures are completed according to traffic management plan and traffic guidance scheme
 - complying with written and verbal reporting requirements and procedures, including reporting offending road users.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- required legislation, regulations, codes and procedures including Austroads Codes of Practice and WHS applicable to temporary traffic management
- temporary traffic management principles
- risk management principles and procedures for identifying, analysing and treating potential hazards and risks
- key principles for implementing WHS, including the role of job safety analysis (JSA), job safety and environmental analysis (JSEA) and safe work method statements (SWMS)
- scope of authority to modify traffic management plan and traffic guidance scheme
- basic signalling procedures for temporary traffic management
- procedures for selecting, positioning, installing, maintaining, and removing traffic control signs and devices, including:
 - correct sequencing for installation and removal
 - requirements for visibility, spacing, and placement in line with traffic guidance schemes
 - provisions for unattended sites, including securing, covering, and storage of signs and devices
- radio operations procedures and protocols
- equipment types, characteristics, technical capabilities and limitations, including for required specialist and externally-sourced equipment
- site isolation, traffic control and emergency responsibilities and authorities.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - traffic management plan
 - traffic guidance scheme
 - personal protective equipment
 - devices, equipment and signs specified in the performance criteria
- be conducted in a safe environment; and,
- be assessed in context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Assessor Requirements

In addition to the requirements in applicable vocational education and training legislation, frameworks and/or standards, assessors and industry experts must also have a minimum of two (2) years industry experience, directly relevant to the training and assessment being provided.

Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
RIIWHS302E Implement traffic management plans	Equivalent	Supersedes and is equivalent.

Links

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/RII>.