



mainroads
WESTERN AUSTRALIA

Austroads Safety at Road Work Sites Project Update

1st April 2019



Proposed TTM Road Categories

	Category 1	Category 2	Category 3
Attributes	Any speed with 3000 VPD or less (e.g. rural roads, local streets)	Speeds greater than 60 km/h and greater than 3000 VPD (e.g. rural highways)	Any Freeway
	60 km/h or less and up to 10,000 VPD (e.g. urban roads)	Any speed with greater than 10,000 VPD (e.g. urban highways)	Any grade separated road with: Speed of 90 km/h or greater and 20,000 VPD or greater
		Any signalised intersection	

The road authority is responsible for categorising their road network and may select a lower or higher category based on a risk assessment.

National Harmonised TTM Training

Role	Category 1	Category 2	Category 3
Work Safely Near Traffic	Online course – covers all categories		
Traffic Controller (TC)	Yes	Yes	N/A
Traffic Management Implementer (TMI)*	Yes	Yes	Yes
Traffic Management Designer (TMD)*	Yes	Yes	Yes

*Non-Practitioner

Working Safely Near Traffic

- Online course hosted by Austroads
- Aimed at people working on or near roads that may not undertake traffic management training (e.g. maintenance workers, parking inspectors, surveyors, etc.)
- Will allow people to erect one advance warning sign for their activity e.g. workers symbolic sign.
- Won't be a pre-requisite for other courses

Traffic Controller – Units of Competency

Category 1	Category 2	Category 3
<p>RIIWHS201D – Work safely and follow WHS policies and procedures</p> <p>RIICOM201D – Communicate in the workplace</p> <p>RIIWHS205D – Control traffic with stop slow bat</p> <p>Position, set up and operate manually controlled portable traffic control devices*</p>	<p>New unit:</p> <p>Control traffic – Category 2</p>	<p>N/A</p>

*modifications to RIIRTM202D – Position, set-up and operate portable traffic signals

Traffic Controller - Progression

Category 1	Category 2	Category 3
Entry level	3 months and 80 hours experience controlling traffic on category 1 roads	N/A

Traffic Controller – Performance Evidence

Category 1	Category 2
Only minor changes to current requirements	Evidence has the ability to direct traffic: <ul style="list-style-type: none">• At permanent traffic signals• On multi-lane roads• On high speed roads• With a pilot vehicle

Traffic Management Implementer – Units of Competency

Category 1	Category 2	Category 3
<p>RIIWHS201D – Work Safely and follow WHS policies and procedures</p> <p>RIICOM201D – Communicate in the workplace</p> <p>RIIWHS302D – Implement TMP and TGS</p> <p>RIIRIS301D – Apply risk management process</p>	<p>New unit: Implement TMP and TGS– Category 2</p> <p>RIIBEF301D - Run on-site operations</p>	<p>New unit: Implement TMP and TGS – Category 3</p> <p>RIIBEF301D - Run on-site operations</p>

Traffic Management Implementer – Progression

Category 1	Category 2	Category 3
Entry level	<p>3 months experience; and 12 set ups within the last 12 months with at least 2 involving:</p> <ul style="list-style-type: none">• Pedestrian control• Intersection	<p>3 months experience; and 12 set ups within the last 12 months with at least 2 involving:</p> <ul style="list-style-type: none">• Lane closure• Higher speed road (above 70 km/h)

Traffic Management Implementer – Performance Evidence

Category 1	Category 2	Category 3
<p>All below:</p> <ul style="list-style-type: none">• Implement a lane closure (may include lane closure for shuttle control)• Implement a lateral shift• Implement TGS at an intersection	<p>At least 2 of:</p> <ul style="list-style-type: none">• Lane closure on a multilane road using an illuminated flashing arrow sign• Static works involving signalized intersection• Night works	<p>At least 2 of:</p> <ul style="list-style-type: none">• Works involving tunnel, on/off ramp or comparable complexity• Mobile works involving use of a convoy• Static works involving multiple lane closures

Traffic Management Designer – Units of Competency

Category 1	Category 2	Category 3
RIICWD503D – Prepare work zone TMP and TGS RIIRIS402D – Carry out the risk management process	New unit: Prepare work zone TMP and TGS– Category 2	New unit: Prepare work zone TMP and TGS – Category 3

Traffic Management Designer - Progression

Category 1	Category 2	Category 3
A tertiary qualification in a related field; or A minimum of 12 months appropriate experience	12 months experience and at least 4 different design types from the following list within the last 12 months - must include mandatory design types (indicated in bold) <ul style="list-style-type: none">• Pedestrian control• Intersection• Lane closure• Higher speed road• Use of portable traffic control devices• Roundabouts	12 months experience and at least 4 different design types from the following list within the last 12 months - must include mandatory design types (indicated in bold) <ul style="list-style-type: none">• Pedestrian control• Intersection• Lane closure• Higher speed road• Use of portable traffic control devices• Roundabouts

Austrroads COPTTM – July 2019 release

	Name	Progress
1	Introduction and General	Document being prepared following working group meeting
2	Traffic Management Planning	With consultant for final working group review
3	Traffic Management Devices (AS1742.3)	Document being prepared following working group meeting
4	Static Work Sites	Final working group review period closed
5	Mobile Works	
6	Short Term Low Impact Works	
7	Field – Implementation, Operation and Supervision	Industry comment period closed
8	Traffic Controllers Instructions	With consultant for final working group review
9	Processes and Procedures	Document being finalised for industry consultation
10	Sample Layouts	Document being prepared following working group meeting
11	Supporting Guidance (Risk Management, Surveillance, Events)	Document being prepared following working group meeting

WA CoPTTM Implementation - 12 Month Roll Out

WA Document	CoPPTM
Traffic Management for Works on Roads Code of Practice	Cut down version to remain as WA supplement
Traffic Management for Events Code of Practice	Cut down version to remain as WA supplement
Traffic Controller Handbook	Replaced by CoPTTM Part 8 – Traffic Controller Instructions
Guide to the Preparation of Traffic Management Plans	Replaced by CoPTTM Part 2 - Traffic Management Planning
Generic Workzone TGS	Replaced by CoPTTM Part 10 - Sample Layouts
Guideline for the use of TMAs in WA	Will remain – no Austroads document