



TRAFFIC MANAGEMENT PLAN



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Document control

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1.0 Introduction

This Traffic Management Plan describes the method for conduct of ‘manual’ traffic surveys, including the installation and removal of traffic survey sites and associated risk management to ensure the safety of employees and sub-contractors.

“Manual” vehicle traffic surveys means setting up automatic vehicle survey equipment using spaced parallel pneumatic rubber tubes placed on a road as transducers for the detection and identification of vehicle type. Portable field equipment for data collection that requires no access to external power supplies is used for vehicle classification to Austroads vehicle classification types.

Traffic Management seeks to ensure road users are able to travel through the work site safely as well as ensuring the safety of workers and members of the public.

2.0 Definitions

TMP	Traffic Management Plan
TCP	Traffic Control Plan
TCS	TCS Instruments
Traffic survey site	A location at which traffic volumes/classifications are recorded.
RTA	Roads and Traffic Authority of NSW

3.0 Documents and records

- TCS Instruments Safe Work Method Statement
- TCS Road Survey Procedures Manual
- RTA Traffic Control at Work Sites manual

4.0 Traffic Control Implementation

Traffic control at worksites is based on the RTA “Traffic Control at Work Sites” manual and the TCS Instruments Road Survey Procedures Manual. Traffic control procedures vary according to the following situations and may require the provision and implementation of a Traffic Control Plan (TCP).

4.1 Surveys deemed to be safe without a TCP

In general, manual traffic counting surveys are classified as intermittent work because they can be undertaken without obstructing traffic, without compromising the safety of

workers and involve frequently changing work sites. As per the RTA “Traffic Control at Work Sites” manual, a TCP is not required for intermittent work.

Traffic survey equipment may be installed on travel lanes without a TCP if the following conditions can be met:

- 4.1.1 Staff wear approved high visibility external clothing;
- 4.1.2 The work can be abandoned immediately without risk to staff or traffic;
- 4.1.3 The work vehicle is parked on the side of the road near the work, with its hazard lights switched on, with a rotating yellow light on the roof or raised boot lid (whichever is higher) switched on, and a vehicle mounted sign displayed;
- 4.1.4 Sight distance meets the criteria in the TCS Instruments Vehicle Survey Procedure.

Where an acceptable sight distance and traffic gaps are not available, a higher level of traffic control must be requested. This may include the presence of one or more observers suitably positioned to provide 8 – 10 seconds warning.



4.2 Surveys in working conditions deemed to be safe but with a TCP

From time to time, although work conditions may be the same as described in points 4.1 a TCP is required by TCS Instruments’ client. In this scenario, TCS will provide a copy of relevant traffic control plans (see Section 8.0).

- TCP001 or TCP002 for 2 lane / 2 way sites
- TCP003 for multi-lane sites

4.3 Surveys where a TCP is required for safe working conditions

Full traffic control shall be provided if any of the conditions 4.1.1 to 4.1.4 cannot be met, for example at multi-lane, high speed, high volume survey sites.

Traffic control will be sub-contracted to companies whose main activity is the provision of traffic control services. The sub-contracted company will be given the responsibility of preparing and gaining approval of a TCP for the site.

TCS Instruments will work within the conditions of the approved TCP and only provide traffic survey services.

5.0 Traffic Management Supervision

The Road Traffic Manager will ensure that the Traffic Management Plan is implemented, any TCP's are applied as required and inspections are made from time to time to verify adherence and effectiveness of the plan.

6.0 Requirements

All work will be planned to minimise any disruption to vehicle or pedestrian traffic and comply with any client's contract terms and conditions.

The RTT's diary shall record the site identification details, details of the TMP used and times when signs and other safety equipment were installed, altered and removed at each worksite.

Only RTA approved signs may be used for traffic control and placed according to RTA requirements. Damaged signs may not be used.

The TMP shall take account of the need for vehicles, pedestrians, bicycles, buses and other large vehicles and emergency vehicles to have unimpeded access to travel through the worksite and to access adjoining properties.

7.0 Training and Induction

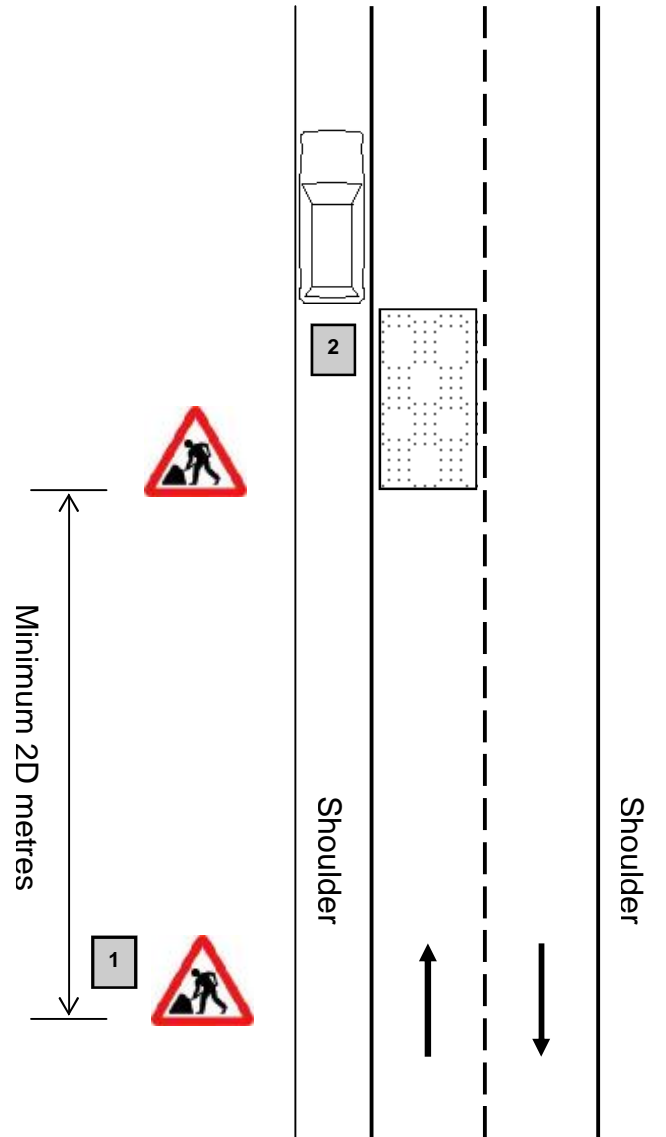
All staff shall receive information on general traffic control issues at induction and be advised of specific traffic control issues of each site prior to commencement of work.

8.0 Traffic Control Plans

Traffic Control Plans TCP001, TCP002 and TCP003 are shown on the following pages.



TCS Traffic Control Plan TCP001

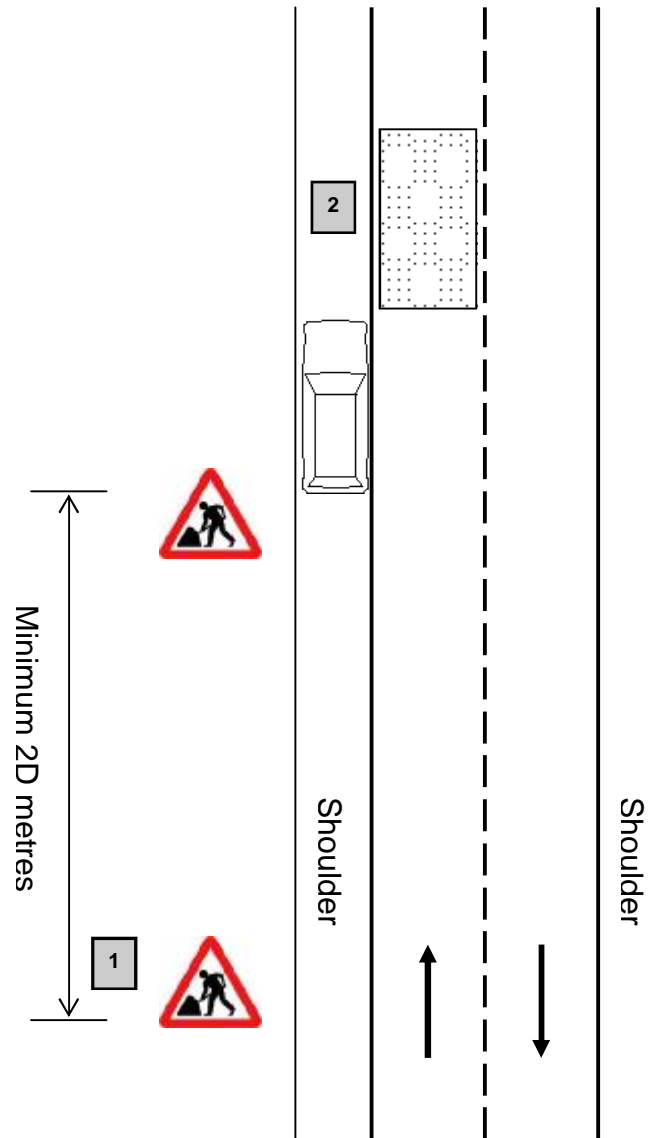


NOTES:

1. Signs to be used to warn on-coming traffic. Distance to be approximately twice minimum sight distance.
2. Work to be undertaken only in direction of travel.



TCS Traffic Control Plan TCP002

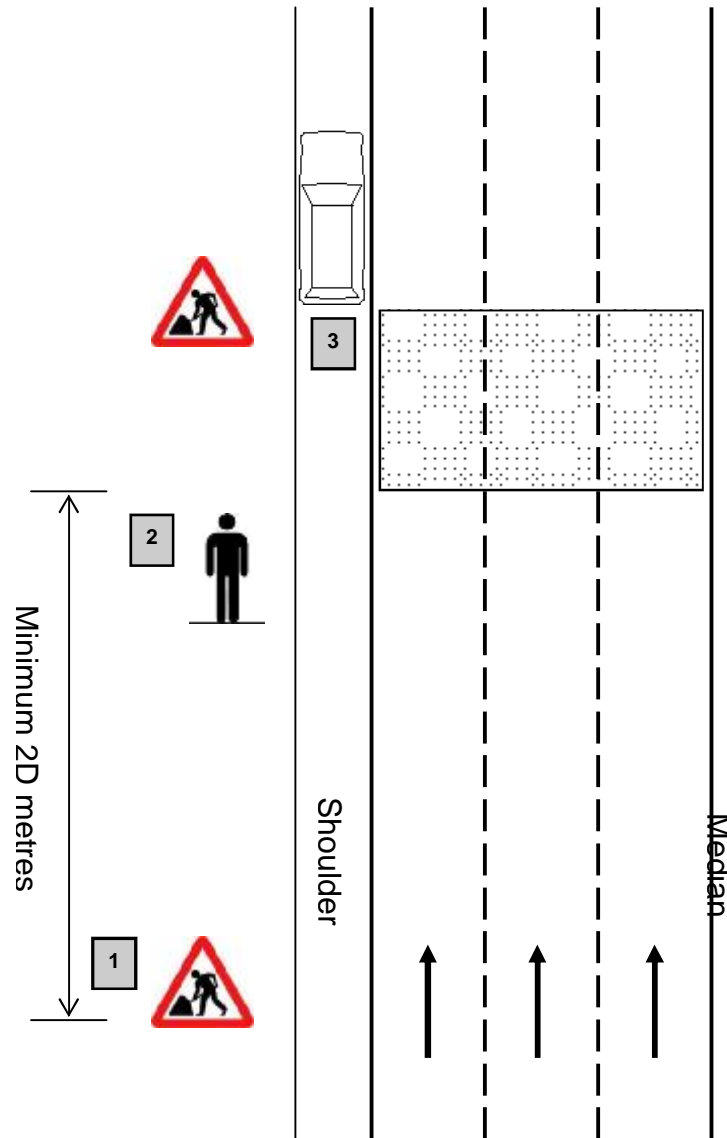


NOTES:

1. Signs to be used to warn on-coming traffic. Distance to be approximately twice minimum sight distance.
2. Work to be undertaken only in direction of travel.



TCS Traffic Control Plan TCP003



NOTES:

1. Signs to be used to warn on-coming traffic. Distance to be approximately twice minimum sight distance.
2. Spotter to be positioned within sight and hearing of workers. Sight distance of spotter to on-coming traffic in accordance with TCS Instruments Road Survey Procedures Manual.
3. Work to be undertaken only in direction of travel.