

Main Roads Specification

MRS02

Provision for Traffic

October 10

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Provision for Traffic

1 INTRODUCTION

This Specification applies to the control of traffic during the construction of roadworks.

This Specification shall be read in conjunction with MRS01 *Introduction to Specifications* and other Specifications as appropriate.

This Specification forms part of the Main Roads Specifications and Technical Standards Manual.

2 MEASUREMENT OF WORK

2.1 Standard Work Items

In accordance with the provisions of Clause 2 of MRS01 *Introduction to Specifications*, the standard work items covered by this Specification are listed in Table 2.1.

Table 2.1 - Standard Work Items

Standard Item No.	Description	Unit of Measurement
Provision for Traffic		
1201	Provision for traffic.	lump sum
1202	Traffic Management Plan.	lump sum
1203	Roadwork signing records.	lump sum
1204	Travel Time Surveys.	lump sum
1211	Construction and removal of side track.	m ²
1221	Supply of Temporary Barriers.	m
1223	Installation of Temporary Barriers.	m
1225	Supply of temporary barrier end treatments.	each
1226	Installation of temporary barrier end treatments..	each
1227P	Supply of anti gawking screens (Provisional Quantity, if ordered).	m
1228P	Installation of anti gawking screens (Provisional Quantity, if ordered).	m
1231P	Supply and installation of temporary road lighting including connection to Electricity Supply Authority's network (Provisional Quantity, if ordered).	each

2.2 Work Operations

Item 1201 Provision for traffic.

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Provision and placement of the prescribed traffic control devices for the warning, guidance and protection of the traffic and the protection of workers, construction plant and other property on or adjacent to the Works;
- c) Ensuring that any delays to the passage of traffic are not greater than that specified in MRTS02;
- d) Provision of police control, as necessary;
- e) Provision of Traffic Controllers, as necessary;

- f) Construction, maintenance and removal of temporary access along or across the Site for pedestrians, cyclists and agricultural machinery, as necessary;
- g) Relocation of any bus stops affected by changes in traffic arrangements;
- h) Covering and uncovering new signs, as necessary;
- i) Covering or removal of traffic control devices when not in use;
- j) Maintenance of emergency vehicle access at all times;
- k) Relocation of all existing signage and any modifications required thereto to ensure that the standard of signage is consistent with that existing prior to the Contractor commencing work and that it is consistent with the requirements of the Traffic Guidance Schemes;
- l) Supply and installation of Site access signs and all other traffic control signage as detailed in the Traffic Guidance Schemes;
- m) Supply and operation of traffic control devices;
- n) Supply and installation of temporary delineation of trafficked corridors;
- o) Supply, installation and operation of temporary traffic signals;
- p) Supply and installation of temporary delineation where access to streets and side roads has been altered;
- q) Provision for the detouring of traffic;
- r) Dust control;
- s) Maintenance of entrances and construction of alternative entrances (as necessary) to private properties;
- t) Provision of Traffic Guidance Schemes;
- u) Provision of any information required for public notices;
- v) Provision of out-of-hours representatives;
- w) Making inspections;
- x) Design and construction of side-tracks where no separate item is provided for this work in the Schedule;
- y) Maintenance of trafficable surfaces, where specified;
- z) Supply and installation of temporary barriers other than those nominated Clause 1 of Annexure MRS02.1;
- aa) Supply and installation of temporary barrier end treatments other than those nominated in Clause 2 of Annexure MRS02.1;
- bb) Supply and installation of anti-gawking screens other than those nominated in Clause 3 of Annexure MRS02.1;
- cc) Provision of all other facilities for the safe passage of vehicular traffic through and around the Works; and
- dd) Removal of all temporary works and control devices used in the provisions for traffic.

Item 1202 Traffic Management Plan.

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) All work associated with the preparation, submission and revision (where necessary) of the Traffic Management Plan, and
- c) Implementation and monitoring of the Traffic Management Plan when such is specified.

Item 1203 Roadwork signing records.

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Recording of all work site signing and delineation;
- c) Keeping of records; and
- d) Provision of records on a monthly basis.

Item 1204 Travel Time Surveys

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Undertaking travel time surveys;
- c) Recording data; and
- d) Provision of records.

Item 1211 Construction and removal of side track.

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Design of side track;
- c) Provision of all materials for construction of side track;
- d) Construction and maintenance of side track; and
- e) Removal of side track.

Item 1221 Supply of Temporary Barriers.

Work operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supply of barrier and
- c) Delivery to the Site.

Item 1223 Installation of Temporary Barriers.

Work operations incorporated in the above item include –

- a) Work operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Maintenance and repair of barrier;
- c) Supply of erection angle connectors, reinforced connector assemblies and connector tie bars, as necessary;
- d) Trimming and /or levelling surface;
- e) Erection of barrier, including water filling where required;
- f) Dismantling and relocation of barriers; and
- g) Dismantling and removal of barrier from the Site.

Item 1225 Supply of temporary barrier end treatments.

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supply of all materials; and
- c) Delivery to the Site.

Item 1226 Installation of temporary barrier end treatments.

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Installation of end treatment;
- c) Removal of end treatment for reuse or storage as necessary; and
- d) Maintenance of end treatment.

Item 1227P Supply of anti-gawking screens (Provisional Quantity, if ordered).

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supply of materials;
- c) Fabrication of anti-gawking screens; and
- d) Delivery to the Site.

Item 1228P Installation of anti-gawking screens (Provisional Quantity, if ordered).

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Installation of screens;
- c) Maintenance of screens; and
- d) Removal of screens on completion.

Item 1231P Supply and installation of temporary road lighting including connection to the Electricity Supply Authority's network (Provisional Quantity, if ordered).

Work operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supply of all materials, plant and equipment;
- c) Installation and maintenance of temporary road lighting equipment; and
- d) Removal of temporary equipment after permanent road lighting is installed or as directed by the Superintendent.

2.3 Calculation of Quantities

Calculation of quantities for the supply of temporary measures for the provision of traffic shall be based on the quantity provided by the Contractor in accordance with the Contract.

Calculation of quantities for the installation of temporary measures for the provision of traffic shall be based on the quantity installed by the Contractor in accordance with the Contract with each installation measured separately.

2.4 Provision of Temporary Barriers

The Principal will pay separately for the supply and/or installation of barriers only where such barriers are specifically referred to in Clause 1 of Annexure MRS02.1.

The Contractor shall be deemed to have made due allowance in Work Item 1201, Provision for Traffic for the supply and installation of temporary barriers other than those referred to in Clause 1 of Annexure MRS02.1.

2.5 Provision of Temporary Barrier End Treatments

The Principal will pay separately for the supply and/or installation of temporary barrier end treatments only where such end treatments are specifically referred to in Clause 2 of Annexure MRS02.1.

The Contractor shall be deemed to have made due allowance in Work Item 1201, Provision for Traffic for the supply and installation of temporary barrier end treatments other than those referred to in Clause 2 of Annexure MRS02.1.

2.6 Provision of Anti-Gawking Screens

The Principal will pay separately for the supply and/or installation of anti-gawking screens only where such screens are specifically referred to in Clause 3 of Annexure MRS02.1.

The Contractor shall be deemed to have made due allowance in Work Item 1201, Provision for Traffic for the supply and installation of anti-gawking screens other than those referred to in Clause 3 of Annexure MRS02.1.

2.7 Provision of Temporary Lighting

No additional payment will be made for temporary lighting.