

Main Roads Specification

MRS14

Road Furniture

June 09

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FEEDBACK

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Road Furniture

1 INTRODUCTION

This Specification applies to the demolition and re-erection of and the supply and construction of road edge guide posts, fencing and gates.

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
	Removal, Demolition and Re-erection	
6101	Demolition of road furniture, as listed in Clause 3 of Annexure MRTS14.1	lump sum
6103	Removal and salvage of road furniture, as listed in Clause 1.1 of Annexure MRTS14.1	lump sum
6104	Removal and re-erection of road furniture, as listed in Clause 4 of Annexure MRTS14.1	lump sum
	Guidance and Information Systems	
6111	Road edge guide posts	each
	Roadside Structures	
6181	Fencing, [<i>height</i>] mm high, [<i>type</i>]	m
6182	Gates, [<i>height</i>] mm high, [<i>width</i>] mm wide, [<i>type</i>]	each

2.2 Work Operations

Item 6101 Demolition of road furniture, as listed in Clause 3 of Annexure MRTS14.1

Work Operations incorporated in the above items include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Carrying out excavation where necessary;
- c) Demolishing existing road furniture as listed;
- d) Utilising or disposing of excavated and demolished material; and
- e) Backfilling and finishing resulting excavations.

Item 6103 Removal and salvage of road furniture, as listed in Clause 1.1 of Annexure MRTS14.1

Work Operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Carrying out excavation where necessary;
- c) Careful dismantling and removal of existing road furniture as listed;
- d) Demolition of any agreed non-salvageable part of the existing installation;

- e) Utilising or disposing of excavated and demolished material;
- f) Transporting salvaged material to storage site;
- g) Safe storage of salvaged material at storage site; and
- h) Backfilling and finishing resulting excavations.

Item 6104 Removal and re-erection of road furniture, as listed in Clause 4 of Annexure MRTS14.1

Work Operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Carrying out excavation where necessary;
- c) Careful dismantling and removal of existing road furniture as listed;
- d) Demolition of any agreed non-salvageable part of the existing installation;
- e) Utilising or disposing of excavated and demolished material;
- f) Backfilling and finishing resulting excavations;
- g) Safe storage of salvaged material until required for re-erection;
- h) Supply of new materials necessary for re-erection; and
- i) Re-erection of salvaged material.

Item 6111 Road edge guide posts

Work Operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Supplying all materials;
- c) Fabrication of guide posts;
- d) Application of all coatings;
- e) Affixing delineators; and
- f) Installation of posts.

Item 6181 Fencing, [*height*] mm high, [*type*]

Work Operations incorporated in the above item include –

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*;
- b) Localised clearing;
- c) Supply of all materials;
- d) Installation of posts, pickets and stays;
- e) Running, fixing and straining fencing wire; and
- f) Installation of chainwire, wire netting and/or welded mesh.

Item 6182 Gates, [*height*] mm high, [*width*] mm wide, [*type*]

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 all materials;
- c) Fabrication of gates; and
- d) Installation of the gates.