

Specification (Measurement)

**Transport and Main Roads Specifications
MRS84A Removal of Bridge Deck Wearing Surface**

July 2017

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1 Introduction

This Specification applies to the removal of asphalt Deck Wearing Surface (DWS) using cold milling operation or approved alternative methods on bridge decks and the removal of the resultant rubble to allow resurfacing.

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

This Specification forms part of the Transport and Main Roads Specifications 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 incorporated in this Specification are listed in Table 2.1.

Table 2.1 – Standard Work Items

Standard Item No	Description	Unit of Measurement
Removal of Bridge Deck Wearing Surface		
73101	Survey for removal of Deck Wearing Surface	lump sum
73102	Partial removal of Deck Wearing Surface	m ²
73103	Full depth removal of Deck Wearing Surface	m ²

2.2 Work Operations

Item 73101 Survey for removal of Deck Wearing Surface

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) location of permanent survey mark
- c) survey of existing DWS thickness using asphalt coring and / or asphalt slab cutting and / or Ground Penetrating Radar (GPR) method, and
- d) concrete deck texture test, where specified.

Item 73102 Partial removal of Deck Wearing Surface

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) saw cutting of DWS
- c) cold milling of DWS
- d) cleaning the milled surface
- e) loading and hauling of all rubble, and
- f) disposal of rubble.

Item 73103 Full depth removal of Deck Wearing Surface

Work Operations incorporated in the above item include:

- a) Work Operations listed in Clause 2.1.5 of MRS01 *Introduction to Specifications*
- b) saw cutting of DWS
- c) removal of DWS
- d) cleaning the existing bridge deck surface
- e) loading and hauling of all rubble, and
- f) disposal of rubble.

2.3 Payment

The Principal shall not be liable for any costs arising from delay or from repairs to equipment, hidden objects or public utilities caused by impacts which could have been reasonably expected.

