Specification (Measurement)

Transport and Main Roads Specifications
MRS58 Subgrade Reinforcement using Pavement Geosynthetics

July 2017
## Contents

1. **Introduction** ............................................................................................................................................. 1
2. **Measurement of Work** .......................................................................................................................... 1
   2.1 **Standard Work Items** ..................................................................................................................... 1
   2.2 **Work Operations** ............................................................................................................................ 1
1 Introduction

This Specification applies to the physical, material and construction requirements for Subgrade Reinforcement using Pavement Geosynthetics.

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 covered by this Specification are listed in Table 2.1. The measured quantity for payment shall be the area installed excluding laps and joints.

Table 2.1 – Standard Work Items

<table>
<thead>
<tr>
<th>Standard Item No.</th>
<th>Description</th>
<th>Unit of Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>43501</td>
<td>Supply of Pavement Geosynthetic Material [geogrid</td>
<td>geocomposite</td>
</tr>
<tr>
<td>43502</td>
<td>Transport of Pavement Geosynthetic Material supplied by the Principal [geogrid</td>
<td>geocomposite</td>
</tr>
<tr>
<td>43503</td>
<td>Placement of Pavement Geosynthetic Material [geogrid</td>
<td>geocomposite</td>
</tr>
</tbody>
</table>

2.2 Work Operations

Item 43501 Supply of Pavement Geosynthetic Material [geogrid | geocomposite | woven geotextile]

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 Pavement Geosynthetic Material (Geogrid/Geocomposite/Woven Geotextile) including allowance for lapping and joining

c) loading, hauling, delivery and storage out of direct sunlight of Pavement geosynthetic material and such that water does not enter the geosynthetic material(s), and

d) associated material compliance testing.

Item 43502 Transport of Pavement Geosynthetic Material supplied by the Principal [geogrid | geocomposite | woven geotextile], from [supply location]

Work Operations incorporated in the above item include:

a) Work Operations listed in Clause 2.1.5 of MRS01 Introduction to Specifications
b) transport of material from the point of supply by the Principal to the Site or other location as set out in the Principal Supplied Material List (Form C6827), and

c) storage of material out of direct sunlight.

Item 43503 Placement of Pavement Geosynthetic Material [geogrid | geocomposite | woven geotextile]

Work Operations incorporated in the above item include:

a) Work Operations listed in Clause 2.1.5 of MRS01 Introduction to Specifications

b) preparation of the surface prior to placement of pavement geosynthetic material

c) dispensing and placement of pavement geosynthetic material including lapping and joining

d) rolling of geosynthetic material, and

e) removal and disposal of excess material from the Site.