

PART M63**MAINTENANCE UNSEALED SURFACE TREATMENT****CONTENTS**

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1. GENERAL

- .1 This Part specifies the requirements for maintenance of unsealed surfaces.
- .2 Documents referenced in this Part are listed below:
 - (a) Part M10.4. "Recording and Reporting Requirements"

2. QUALITY REQUIREMENTS

- .1 The Contractor shall prepare and implement a Quality Plan that includes work instruction for the repair of Edge rut defects.
- .2 If not provided beforehand, this documentation shall be submitted at least 28 days prior to the commencement of the Maintenance Period.

3. RESPONSE TIME

- .1 The response time for unsealed surface (SG) shall be 16 weeks when the intervention level has been identified.
- .2 Rectification of any specific maintenance defects shall be undertaken within the timeframes agreed to between the Superintendent and the Contractor.

4. RECORDS AND REPORTING

- .1 Refer to Clause M10.4. "Recording and Reporting Requirements" for requirements concerning the recording of loop and routine inspections and roadside furniture works.

5. MEASUREMENT

- .1 Edge rut between shoulders and pavement, shall be measured using a 1.2 m straight edge placed on the pavement in the direction of the crossfall such that one end of the straight edge is above the edge rut.

6. HOLD POINTS

- .1 There are no Hold Points referenced in this Part.
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7. **ATTACHMENT M63A MAINTENANCE ACTIVITIES UNSEALED SURFACE (SG)****Application**

.1 This standard applies to the maintenance of unsealed surfaces

Defects	Intervention Level	Compulsory Intervention Level	Performance Requirement
<p>Routine Maintenance: Edge drop off, edge rut, rutting, minor scour, corrugations and potholes.</p> <p>Specific Maintenance: Nil</p>	<p>Defects where: Throughout the length of a shoulder, the edge drop exceeds 50 mm over any 100 m length.</p> <p>MDR Recording: Defects shall be recorded on the MDR as SG.</p>	<p>Defects: Shoulder: Any single defect 80 mm deep.</p> <p>Water ponding > 5 m.</p> <p>Roadside facilities: rest areas corrugations or other distress > 50% of the trafficked area.</p>	<p>Drainage: Water shall not pond on the shoulder. Typically the invert level of the table drains is to be ≥ 300 mm below the surface at the edge of formation. Turn outs shall not deliver drainage directly downhill.</p> <p>Crossfall: Maintain at current crossfall, any increase to the shoulder crossfall is to be minimised.</p> <p>Surface: Shoulder surface shall be free of defects no windrow present between the pavement and the table drain.</p> <p>Edge rut: Throughout the length of a shoulder, the edge drop shall not exceed 20 mm over any 20 m length.</p> <p>Rest Areas: the surface shall be uniform, and the formation width shall not be increased.</p> <p>Environmental: No vegetation present.</p> <p>Minimal impacts to surrounding vegetation.</p>

8. ATTACHMENT M63B MAINTENANCE ACTIVITIES – RESHEETING UNSEALED SURFACE (SR)

Application

.1 This standard applies to the resheeting of unsealed surfaces and the removal and installation of guide posts.

Defects	Intervention Level	Compulsory Intervention Level	Performance Requirement
<p>Routine Maintenance: Nil</p> <p>Specific Maintenance: Shoulder crossfall</p>	<p>Shoulder crossfall exceeding 10% except in areas of superelevated section of road where it shall match with +/- 7% of the adjacent trafficked lanes.</p> <p>MDR Recording: Defects shall be recorded on the MDR as SR.</p>	<p>Not applicable.</p>	<p>Drainage: Drainage from the sealed pavement across the shoulder shall be effective. Typically, the invert level of the table drains are ≥ 300 mm below the surface at the edge of formation. Water shall not pond in the table drain.</p> <p>Crossfall: Shoulder crossfall is to match the crossfall of the adjacent traffic lane.</p> <p>Rest areas shall have sufficient crossfall for drainage.</p> <p>Pavement: Compacted to greater than 92% relative modified.</p> <p>Shape: The grade shall reflect the super elevation or crossfall of the pavement.</p> <p>Environmental: No vegetation present.</p> <p>Minimal impacts to surrounding vegetation.</p>