

TNZ C15: 1993

SPECIFICATION FOR REMOVAL OF SURFACE DETRITUS

1. SCOPE

This specification sets out the requirements for the removal and disposal from the surface of the carriageway and drainage channels of detritus as requires removal.

Emergency work and litter is not within the scope of this specification.

To achieve the long term maintenance objectives of Transit New Zealand the following principles shall be followed:

- (a) The Contractor shall regularly inspect all roads within the Contract at a frequency that will ensure that removal of detritus can be programmed.
- (b) The Contractor shall programme and carry out detritus removal in accordance with this specification for the Contract period.
- (c) The Contractor shall record and schedule all work undertaken.

2. **DEFINITION OF DETRITUS**

Detritus shall be defined as any collection of fragments or material on the sealed or paved surface or drainage channels.

Detritus shall also include small slips, frettings from cuttings, deposits of wind blown sand or grit, deposits of loose aggregates, fallen leaves and the result of the buildup of minor droppings or spillages created from passing traffic or climatic conditions. Small slips are those which accumulate in the surface water channel or shoulder but which do not generally encroach into the traffic lane. Small slips are defined as less than 1 m³ loose volume.

3. RESPONSE TIMES

The Engineer will schedule the response times required for the various sections of road within the Contract documents.

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4. WORK SCHEDULE

All work scheduled by the Contractor shall be in terms of Transit New Zealand State Highway Route Positions. The Engineer will schedule all areas that must be swept with a mechanical road sweeper, and will schedule all lengths of road to be covered by this specification.

5. STANDARD OF CLEANLINESS

Sealed Surfaces

There shall be no loose chip nor readily visible detritus within the area, following cleaning.

Lined Drainage Channels

Detritus shall be removed from the channel such that the maximum depth of ponded water does not exceed 20mm after cleaning.

Unlined Drainage Channels

Detritus shall be removed from the channel such that no more than 10% of the cross-sectional area of the channel remains blocked after cleaning.

6. PERFORMANCE CRITERIA

The performance of the Contractor during the Contract period will be measured by the following criteria:

- (a) That work is regularly undertaken to meet the response times required and the requirements of the specification.
- (b) That the road carriageway shall meet the standard of cleanliness required.
- (c) That all drainage channels shall meet the standard of cleanliness required.

7. BASIS FOR PAYMENT

Areas of road surface requiring mechanical sweeping will be defined and scheduled by the Engineer as follows

a) Named intersections rate per sweep

b) Remove frost grit per km of road

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c) Road surface

per km of road

The removal of detritus from lined and unlined drainage channels, sealed surface and road shoulders shall be an all inclusive rate per km of road per month.

Payment for slips larger than 1 m^3 shall be at an all inclusive rate per m of loose material.