

NOTES TO THE SPECIFICATION FOR THE REMOVAL OF SURFACE DETRITUS

1. GENERAL

The notes are for the guidance of Supervising Officers only and must not be included in Contract documents. The intention of this Specification is to cover work requiring little plant or equipment for routine removal of surface detritus.

2. INFORMATION TO BE SUPPLIED BY THE ENGINEER

The Engineer will provide the length and, where appropriate, width of the area to be cleaned. Where necessary for clarity, this will be given in relation to kerbs, edge of medians, dish drains or edge seal or shoulder, as appropriate.

Sufficient information should be provided to enable the Contractor to locate the work, determine its extent, nature and method(s) to be used. Parcels of work should be made up to make it worthwhile for a contractor to establish resources in an area. In fairness to the Contractor, work of an isolated nature, although unavoidable at times, should be kept to an absolute minimum.

The Engineer should advise Tenderers that work will be provided in parcels located geographically, and of the likely quantities in each parcel.

The Engineer should specify the areas that require mechanical sweeping (e.g. intersections) on a regular basis.

The Engineer should schedule response and/or cycle times for removal of detritus.

3. PROBABLE MEANS OF DETRITUS REMOVAL

While choice of method is properly left to the Contract in an "end result" situation, the more usual method will be removal of detritus using a mechanical sweeper.

Hand brooming or cleaning with the use of a water spray are special methods for special areas or special problems.

Hand brooming for example may be the only effective method of cleaning up around some traffic islands, intersections with other roads or around bridge piers.

The use of a water pressure spray may be the appropriate method for some substances not efficiently dealt with by other methods.

3.1 Mechanical Sweeper Method

The sweeping device completes sufficient number of passes over the defined area as required to meet the minimum standard of surface cleanness.

3.2 Manual Removal Method

Brooms and wide-mouthed shovels are likely to be used. Manual brooming and picking up of detritus from the defined area continues until the required standard of cleanness is obtained.

3.3 Water Spray Method

The Engineer should be satisfied that the exit velocity of the spray is not such that it will scour the surface. Spraying as may be required to clean the surface continues until the defined state of cleanness is obtained. Any detritus so removed from the carriageway and which collects at the side channel should be picked up and removed to a spoil dump.