NOTES ON THE SPECIFICATION FOR
MAINTENANCE OF STORMWATER STRUCTURES

1. SCOPE

These notes are for the guidance of Supervising Officers only and must not be included in contract documents.

The intention of this specification is to enable the regular inspection, repair reporting and cleaning for State Highways to be carried out by lump sum contracts awarded through competitive tender.

It is intended that the necessary repair work identified in these contracts would be considered by Consultants, and then subsequently carried out by separate contract (s).

Culverts larger than 3.5 m^2 will be inspected during routine bridge inspections, unless separately scheduled by the Engineer in this Contract.

2. LOCATION

This data is available on RAMM and other documents.

3. INSPECTION AND REPORTING

Ideally, inspections would be carried out after heavy rain.

In general it is expected that the repair reporting and cleaning would be carried out at the same time as the inspection.

Some of the stormwater structures will have a start and end route position. For these columns "From" and "To" on the attached specimen form can be completed. However, most structures such as sumps will only have one route position so only the column "From" can be completed.

Some examples of reporting follow:

Fault Found	**Repair Required**
sump grating broken	replace grating
sump too high paving	build up surrounding
culvert cracked exposing reinforcing	repair cracks
culvert collapsed	replace culvert
some flow bypassing culvert and armour	backfill side of culvert
culvert roof sagging	investigation required

4. RESPONSE TIMES

Response times for clearing of blockages for various types of structures should be scheduled by the Engineer.

REPAIRS REQUIRED TO STORMWATER STRUCTURES

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