1. SCOPE

1.1 Description of Test

This method covers the sampling of seal coat aggregate from the roadway.

1.2 Lot Size

One lot will consist of 5 lane-km on one control section for one aggregate stockpile. The final lot within one control section/one aggregate stockpile will vary in length from 2.1 to 7.0 lane-km.

1.3 Number of Samples

One sample will be taken randomly in each lot.

2. APPARATUS AND MATERIALS

2.1 Equipment

Laboratory Balance - minimum of ten (10) kg capacity and .2% accuracy.

Sample pans - length 50 cm, width 50 cm, area 0.25 m², depth 8 cm and leg support height 2.5 cm.

Plastic sample bag.

3. PROCEDURE

3.1 Sampling Procedure

Obtain an aggregate sample by:

Placing the sample pan at the extreme end of the applied seal coat when the spreader stops to change trucks, or by
Placing the sample pan ahead of the spreader on the freshly sprayed emulsion (Note: a small amount of aggregate may be spread on the area where the pan is placed to prevent the emulsion from sticking to the sample pan).

Note: for either method, the sample pan must be placed in such a position that the truck wheels and spreader clear the pan. In addition, the spreader must attain the calibration/design speed at the sampling point.

4. RESULTS AND CALCULATIONS

Measure the aggregate sample mass.

Record the following data on the Seal Coat Daily Production Form:

- aggregate mass in kg
- area of the sample pan m\(^2\)
- aggregate application rate in kg/m\(^2\) (record to 0.1 accuracy)
- control section
- sample location (km and lane)
- sample number

Place the aggregate sample in the sample bag for future testing if required.
SAMPLING

SEAL COAT AGGREGATE FROM THE ROADWAY

APPROVAL SHEET

New _X_ Revision ___ Date of Previous Document ___ - -
Effective Date: ___ - -
Description of Revision (Reason for Revision):
New test procedure.

Review/Implementation Process:
Lab Supervisors Committee

Other Manuals/Policies Affected:
Nil

Follow Up/Training Required:
Nil

Comments/Concerns/Implications (Budget/Environment/Stakeholders):

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Electronic File Updated  93-11-01

Update Mailed  - -