

SECTION 025410
ASPHALT CRACK SEALING (S-36)

1. DESCRIPTION

This item establishes the requirements for the performance of all work necessary for asphalt crack sealing.

2. MATERIALS

- 1) Asphalt Material - The asphalt material for crack sealing shall be RC-2 with one percent (1%) anti-stripping agent added as directed by the Engineers. The temperature range for the material shall be 125 - 200 F (51.7 - 93.3 C) when applied.
- 2) Aggregate for Blotting - "Buckshot Aggregate" or Sand shall be clean and dry and conform to the following gradation:

<u>Sieve Size</u>	<u>Percent Passing</u>
No. 4 (4.75 mm)	90 - 100
No. 10 (2.00 mm)	0 - 15

3. CONSTRUCTION METHOD

- 1) Cleaning - All cracks shall be thoroughly cleaned of undesirable material by the use of an 85 to 90 CFM (2.4 to 2.6 cubic meter per minute) (Minimum Size) air compressor with hoses and attachments.
- 2) Filling Procedure - After all cracks have been thoroughly cleaned, the operator of the hand hose shall apply hot liquid asphalt and then the blotting aggregate to the cleaned cracks. Application of the liquid asphalt and blotting aggregate shall be done in such a manner to avoid an accumulation of excess material on areas adjacent to the cracks. Excess material on the cracked areas shall be removed by means of a U - shaped squeegee.

4. MEASUREMENT & PAYMENT

Unless indicated otherwise in the Proposal, **ASPHALT CRACK SEALING** shall be measured by the square yard in place to the limits shown on the plans and as directed by the Engineer. The work shall include all labor, equipment and materials necessary to complete the work.