

SECTION 116

AGGREGATES FOR ASPHALT SURFACE TREATMENTS

116.1 ~~GENERAL~~ REQUIREMENTS

A. General

The cover aggregate for asphalt surface treatments shall be sand, crushed rock or crushed gravel, which is free of dirt, vegetable and other foreign material. The physical characteristics and quality of the materials shall conform to the specifications for the particular material required by the contract.

B. Related Work

[Section 37 Asphalt Surface Treatments](#)

[Section 38 Cold Mix Asphalt Concrete](#)

116.2 SPECIFIC REQUIREMENTS

Cover aggregates of the various types shall conform to the following table:

REQUIREMENT Processing Required	TYPE 1		TYPE 2		TYPE 3
	A Crushed	B Crushed	A Crushed	B Crushed	Crushed
Passing 5/8 inch Sieve					100
Passing 1/2 inch Sieve	100			100	
Passing 3/8 inch Sieve	90-100	100	100	30-90	
Passing 1/4 inch Sieve	0-70				
Passing #4 Sieve	0-15	10 – 90	0 – 70	0 – 50	10 – 75
Passing #8 Sieve	0-5	0-30	0 – 28	0 – 20	0 – 62
Passing #40 Sieve		0 - 4	0 - 4	0 - 5	0 - 35
Passing #200 Sieve	0 - 1	0 - 3	0 - 3	0 - 3	0 - 18
Plasticity Index, max.	Non-plastic	3	3	3	3
L.A. Abra. Loss, max.	40%		40%	40%	40%
<u>Soundness Loss, max.</u>	<u>12</u>	<u>15</u>	<u>15</u>	<u>15</u>	<u>15</u>
Flakiness index (Max.)	30%				
Foot Notes	1	2	1,2	1,2	2

1. At least 50 percent of material retained on the No. 4 (4.75 mm) sieve shall have two or more fractured faces produced by crushing.
2. The plasticity index may be waived if not more than 4.0% of the material passes the No.40 (425um) sieve.

116.3 SAMPLING AND TESTING

Sampling	SD 201
Gradation.....	SD 202
Plasticity Index	SD 207
L.A. Abrasion Test.....	AASHTO T 96
Soundness Test (Sodium Sulfate Solution, Five Alternations)	AASHTO T 104
Crushed Particle Test.....	SD 211

**116.4 METHOD OF MEASUREMENT &
116.5 BASIS OF PAYMENT**

Measurement and payment for various cover aggregates for asphalt surface treatments shall be in accordance with Sections 37 & 38.

END OF SECTION