## Section 703. — AGGREGATE

01 APR 2025 – FP-24

WFL Specification 01 JUL 2024 7030010

Include the following when Section 301 is required.

### 703.05 Subbase, Base, and Surface Course Aggregate.

Add the following to Subsection (a):

**(7)** Accelerated weathering of aggregate by use of Dimethyl Sulfoxide (DMSO), WFLHD Standard Test Method 12 percent maximum

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Include the following when subbase or base aggregate is required.

Add the following to Subsection (b):

**(3)** SEP (SE/P200) (SE/P75 Index) 1.000 minimum

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Include the following when calcium chloride stabilization is required. Coordinate with WFL Materials when using 703.05A.

Add the following to Subsection (c):

**(4)** Accelerated weathering of aggregate by use of Dimethyl Sulfoxide (DMSO), WFLHD Standard Test Method 12 percent maximum

### 703.05A Imported Surface Course Aggregate.

(Added Subsection).

Do not use material that breaks up when alternately frozen and thawed or wetted and dried.

Obtain the aggregate gradation by crushing, screening, and blending processes as necessary. Fine aggregate, material passing the No. 4 sieve, shall consist of natural or crushed sand and fine mineral particles.

Do not furnish material that contains asbestos fibers. Conform to the following:

**(a)** Gradation Table 703-1

**(b)** Los Angeles abrasion, AASHTO T 96 35 percent maximum

**(c)** Sodium sulfate soundness loss (5 cycles), AASHTO T 104 (coarse and fine) 12 percent maximum

**(d)** Durability Index, AASHTO T 210 (coarse and fine) 35 minimum

**(e)** Accelerated weathering of aggregate by use of Dimethyl Sulfoxide (DMSO), WFLHD Standard Test Method 12 percent maximum

**(f)** Fractured faces, ASTM D 5821 70 percent minimum

**(g)** Liquid limit, AASHTO T 89, Method A & T 87 35 maximum

**(h)** Plasticity index, AASHTO T 90 7 ±3

**(i)** Without organic matter and lumps or balls of clay.

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Include the following when Section 401 is required.

### 703.07 Asphalt Concrete Aggregate.

Add the following after Subsection (f):

**(g)** Durability index, AASHTO T 210

**(1)** Coarse aggregate 35 minimum

**(2)** Fine aggregate 35 minimum

**(h)** Accelerated weathering of aggregate by use of Dimethyl Sulfoxide (DMSO), WFLHD Standard Test Method 12 percent loss

maximum