

904-M-059 AGGREGATES

(Adopted 05-20-21)

The Standard Specifications are revised as follows:

SECTION 904, BEGIN LINE 152, DELETE AND INSERT AS FOLLOWS:

**(f) Mineral Filler for SMA**

Mineral filler shall consist of dust produced by crushing stone, portland cement, or other inert mineral matter having similar characteristics. Mineral filler shall be in accordance with the gradation requirements of 904.02(h) for size No. 16 or as approved by the Engineer. Mineral filler shall be in accordance with ITM 203 or from an ACBF slag source. The sieve analysis of mineral filler shall be conducted in accordance with AASHTO T 37 except as noted in 904.067. Mineral filler shall be non-plastic in accordance with AASHTO T 90.

SECTION 904, BEGIN LINE 280, DELETE AND INSERT AS FOLLOWS:

**(f) Sampling and Testing**

Sampling and testing will be in accordance with the following AASHTO, ASTM, and ITMs.

Amount of Material finer	
than No. 200 (75 µm) Sieve*.....	AASHTO T 11
Brine Freeze and Thaw Soundness .....	ITM 209
Clay Lumps and Friable Particles .....	AASHTO T 112
Control Procedures for Classification of Aggregates.....	ITM 203
Crushed Particles.....	ASTM D5821
Dolomite Aggregates.....	ITM 205
Flat and Elongated Particles .....	ASTM D4791
Freeze and Thaw Beam Expansion.....	ITM 210
Lightweight Pieces in Aggregates*.....	AASHTO T 113
Los Angeles Abrasion .....	AASHTO T 96
Micro-Deval Abrasion.....	AASHTO T 327
Polished Resistant Aggregates.....	ITM 214
Sampling Aggregates* .....	AASHTO T 2
Sampling Stockpiled Aggregates .....	ITM 207
Scratch Hardness.....	ITM 206
Sieve Analysis* .....	AASHTO T 27
Soundness* .....	AASHTO T 103, AASHTO T 104
Specific Gravity and Absorption*.....	AASHTO T 85
Unit Weight and Voids in Aggregates .....	AASHTO T 19

\*Except as noted in 904.06904.07

SECTION 904, AFTER LINE 358, DELETE AND INSERT AS FOLLOWS:

**904.06 B Borrow**

*The material used for special filling shall be of acceptable quality, free from large or frozen lumps, wood, or other extraneous matter and shall be known as B borrow. It shall consist of suitable sand, gravel, or crushed stone ACBF, GBF, or other approved material. The material shall contain no more than 10% passing the No. 200 (75 µm) sieve and shall*

*be otherwise suitably graded. The ratio of the fraction passing the No. 200 (75  $\mu$ m) sieve to the fraction retained on the No. 30 (600  $\mu$ m) sieve shall not exceed one-fifth. The use of an essentially one-size material will not be allowed unless approved. B borrow containing greater than 3% by dry weight organic material will not allowed.*

*Sieve analysis and organic material will be performed in accordance with AASHTO T 11 and AASHTO T 267.*

#### **904.067 Exceptions to AASHTO Standard Methods**

##### **(a) Exceptions to AASHTO T 2**

Stockpile sampling shall be in accordance with ITM 207, unless otherwise approved.

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