April 26, 2012

REVISION OF SECTION 703

AGGREGATE FOR STONE MATRIX ASPHALT

**NOTICE**

This is a standard special provision that revises or modifies CDOT’s *Standard Specifications for Road and Bridge Construction.* It has gone through a formal review and approval process and has been issued by CDOT’s Project Development Branch with formal instructions for its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by CDOT’s Standards and Specifications Unit. The instructions for use on CDOT construction projects appear below.

Other agencies which use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

**Instructions for use on CDOT construction projects:**

Use on projects having stone matrix asphalt.

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Section 703 of the Standard Specifications is hereby revised for this project as follows:

In subsection 703.04, first paragraph, delete the sixth sentence and replace it with the following:

For HMA and SMA aggregate samples representing each aggregate stockpile shall be non-plastic if the percent of aggregate passing the 2.36 mm (No. 8) sieve is greater than or equal to 10 percent by weight of the individual aggregate sample.

In subsection 703.04, third paragraph, delete the third sentence and replace it with the following:

The particles passing the 4.75 mm (No. 4) sieve shall be the product of crushing rock larger than 12.5 mm (½ inch).

Subsection 703.04 shall include the following:

The aggregate for Stone Matrix Asphalt (SMA) shall meet the requirements of Table 703-4A when tested in accordance with CP-L 4211 Resistance of Coarse Aggregate to Degradation by Abrasion in the Micro-Deval Apparatus. The Contractor shall be assessed a price reduction of $1000 for each production sample of the combined aggregate with a value greater than 20 according to CP-L 4211.

**Table 703-4A**

## Aggregate Degradation by Abrasion

## in the Micro-Deval CP-L 4211

|  |  |
| --- | --- |
|  | **Not to exceed** |
| Combined Aggregate (Mix Design) | 18 |
| Combined Aggregate (1/10,000 tons, or fraction thereof during production) | 20 |