April 26, 2012

REVISION OF SECTIONS 304 AND 703

AGGREGATE BASE COURSE (RAP)

**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 in projects having reclaimed asphalt pavement (RAP) as aggregate base course (ABC). The Designer should contact the Region Materials Engineer to determine use.

April 26, 2012

REVISION OF SECTIONS 304 AND 703

AGGREGATE BASE COURSE (RAP)

Sections 304 and 703 of the Standard Specifications are hereby revised for this project as follows:

Subsection 304.06, shall include the following after the first paragraph:

Compaction of each reclaimed asphalt pavement aggregate layer shall continue until a wet density of not less than 95 percent of the maximum wet density when determined in accordance with a one point AASHTO T 180, Method D test has been achieved.

Subsection 304.08 shall include the following:

**Pay Item** **Pay Unit**

Aggregate Base Course (RAP) Ton, Cubic Yard

In subsection 703.03, first paragraph, delete the first sentence and replace with the following:

Aggregates for bases shall be crushed stone, crushed slag, crushed gravel, natural gravel, crushed reclaimed concrete or reclaimed asphalt pavement materials. All materials except Aggregate Base Course (RAP) shall conform to the quality requirements of AASHTO M 147 except that the requirements for the ratio of minus No. 200 (75 µm) sieve fraction to the minus No. 40 sieve fraction, stated in 3.2.2 of AASHTO M 147, shall not apply.

Subsection 703.03 shall include the following:

Reclaimed asphalt pavement (RAP) used as aggregate base course shall meet the grading requirements of Table 703-3A.

**Table 703-3A**

**CLASSIFICATION FOR RECLAIMED ASPHALT PAVEMENT**

**AGGREGATE BASE COURSE**

|  |  |
| --- | --- |
| **Sieve Size** | **Mass Percent Passing**  **Square Mesh Sieves** |
| **ABC (RAP)** |
| 2" (50 mm) | 100 |
| 1" (25 mm) | 85-100 |
| 3/4" (19 mm) | 75-100 |
| 1/2" (12.5 mm) | 55-90 |
| 3/8" (9.5 mm) | 45-80 |
| #4 (4.75 mm) | 25-55 |
| #16 (1.18 mm) | 5-25 |
| #200 (75 µm) | 0-5 |