$$703.00A

**Section 703. — AGGREGATE**

Revised 10 July 2014

*INCLUDE THE FOLLOWING FOR COARSE AGGREGATE FOR CONCRETE DEPENDING ON STATE REQUIREMENTS*

$$703.02A

703.02. Add the following:

Gravel will not be permitted.

*INCLUDE THE FOLLOWING FOR SUBBASE, BASE, AND SURFACE COURSES*

$$703.05A

703.05(a). Delete items **(3)** and **(4)**.

*INCLUDE THE FOLLOWING FOR AGGREGATE BASE*

$$703.05B

703.05(b). Add the following:

**(3)** Plasticity index, AASHTO T 90 3 max.

$$703.05C

703.05(b). Add the following:

Furnish material with a minimum California bearing ratio of *(obtain CBR value from Materials Engineer or Pavements Section)* percent, as determined by AASHTO T 193 at 95 percent of maximum dry density in accordance with AASHTO T 180 (Method D).

*INCLUDE THE FOLLOWING (STATE GRADATION OPTIONS) FOR AGGREGATE BASE*

$$703.05E

703.05(b)(1). Add the following:

At the option of the Contractor, the gradation only of the aggregate base may conform to the requirements of *(insert State, acceptable State aggregate, and State specification reference)*.

*INCLUDE THE FOLLOWING FOR HACP AGGREGATE (SECTIONS 402 AND 403)*

$$703.07A

703.07(a). Delete item **(4)**.

703.07(b). Delete item **(1)**.

*INCLUDE THE FOLLOWING FOR ASPHALT SURFACE TREATMENT AGGREGATE (SECTION 409)*

$$703.10B

703.10. Delete items **(f)** and **(g)**.

*INCLUDE THE FOLLOWING FOR AGGREGATE-TOPSOIL WHEN CRUSHED AGGREGATE IS SCARCE (VERIFY WITH MATERIALS ENGINEER) (IF $$703.14A IS INCLUDED, DO NOT INCLUDE $$703.14B)*

$$703.14A

703.14. Delete the Subsection and substitute the following:

**703.14 Aggregate for Aggregate-Topsoil Course.** Furnish base or surface course aggregate meeting the gradation and quality requirements of Subsection 703.05.

*INCLUDE THE FOLLOWING FOR AGGREGATE-TOPSOIL COURSES < 1 ½ inches (35 millimeters) THICK (VERIFY WITH MATERIALS ENGINEER) (IF $$703.14B IS INCLUDED, DO NOT INCLUDE $$703.14A)*

$$703.14B

703.14. Delete item **(a)** and substitute the following:

**(a)** Gradation AASHTO M 43, size number 67

*INCLUDE THE FOLLOWING IF CRUSHED RECYCLED CONCRETE IS PERMITTED IN EITHER SECTION 301 OR 308*

$$703.20A

Add the following after Subsection 703.19:

**703.20 Crushed Recycled Concrete.** Furnish a recycled material consisting of crushed concrete. A portion of the composite material may include recycled mortar or brick. Furnish a recycled material free of reinforcing bars or wire, organic matter, lumps or balls of clay, and other deleterious matter. Do not use material that breaks up when alternately frozen and thawed or wetted and dried. Conform to the following:

**(a)** Los Angeles abrasion, AASHTO T 96 50% max.

**(b)** Liquid limit, AASHTO T 89 25 max.

**(c)** Plasticity index, AASHTO T 90 6 max.

**(d)** California bearing ratio, AASHTO T 193 55% min.

**(e)** Gradation. Furnish a gradation conforming to crushed recycled concrete material used locally in the construction and maintenance of highways by Federal or State agencies. Furnish a well graded crushed recycled material with a maximum size of 2 inches (50 millimeters) and not more than 12 percent passing the No. 200 (75µm) sieve as determined by AASHTO T 27 and T 11.