*INCLUDE SECTION 703 AS NEEDED BASED ON CLAUSE INSTRUCTIONS*

*REMOVE ITALICS, BOLDING, AND PARENTHESES FROM INSERT FIELDS BUT KEEP THE HIGHLIGHTING*

$$703.00A

Section 703. — AGGREGATE

Revised 30 August 2024

*INCLUDE THE FOLLOWING FOR ALL WORK THAT REQUIRES CONCRETE*

$$703.02A

703.02. Add the following:

Do not use gravel.

*INCLUDE CLAUSES $$703.05A AND $$703.05B FOR SUBBASE, BASE, AND SURFACE COURSE AGGREGATES (INCLUDE FOR ALL PROJECTS WITH 301, 308, AND 311 PAY ITEMS)*

$$703.05A

703.05(a). Delete the text of Subsections **(3)** and **(4)**; they are not required.

$$703.05B

703.05(a). Add the following:

**(7)** California bearing ratio as determined by ## percent minimum

AASHTO T 193 at 95 percent of maximum dry

density in accordance with AASHTO T 180 (Method D).

*(obtain CBR value from Materials Engineer or Pavements)*

*INCLUDE THE FOLLOWING IF ALLOWING THE CONTRACTOR THE OPTION OF USING A STATE GRADATION FOR SUBBASE AND AGGREGATE BASE ONLY (SEE CLAUSE $$301.03B) - DO NOT INCLUDE FOR SURFACE COURSE AGGREGATE (SEE INSTRUCTIONS FOR CLAUSE $$703.05E) (INCLUDE FOR ALL PROJECTS WITH 301 AGGREGATE BASE ONLY AND 308 PAY ITEMS - DO NOT INCLUDE FOR 301 SURFACE COURSE AGGREGATE OR 311 PAY ITEMS) (IF USED, ALSO INCLUDE CLAUSE $$301.03B)*

$$703.05C

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

The gradation only of the aggregate base may conform to the requirements of the current edition of the *(insert State Agency name and Specification Book name)*, *(insert acceptable State aggregate gradation and subsection and/or table reference -* ***obtain from the Materials Engineer****)*, found at *(insert link to the* ***website*** *containing the State Specification Book* ***not a direct link to the spec book****)*, subject to the approval of the CO. Conform to the requirements of Subsections 703.05(a) and 703.05(b) for all other properties. Submit the request according to Subsection 301.03.

*INCLUDE THE FOLLOWING FOR SUBBASE AND AGGREGATE BASE - DO NOT INCLUDE FOR SURFACE COURSE AGGREGATE (INCLUDE FOR ALL PROJECTS WITH 301 AGGREGATE BASE ONLY AND 308 PAY ITEMS - DO NOT INCLUDE FOR 311 PAY ITEMS)*

$$703.05D

703.05(b). Add the following:

**(3)** Plasticity index, AASHTO T 90 3 maximum

*INCLUDE THE FOLLOWING IF ALLOWING THE CONTRACTOR THE OPTION OF USING A STATE GRADATION FOR AGGREGATE SURFACE COURSE ONLY (SEE CLAUSE $$301.03B) - DO NOT INCLUDE FOR SUBBASE OR AGGREGATE BASE (SEE INSTRUCTIONS FOR CLAUSE $$703.05C) (INCLUDE FOR ALL PROJECTS WITH 301 AGGREGATE SURFACE COURSE ONLY AND 311 PAY ITEMS - DO NOT INCLUDE FOR 301 SUBBASE OR AGGREGATE BASE COURSE AGGREGATE OR 308 PAY ITEMS) (IF USED, ALSO INCLUDE CLAUSE $$301.03B)*

$$703.05E

703.05(c). Add the following:

The gradation only of the aggregate surface course may conform to the requirements of the current edition of the *(insert State Agency name and Specification Book name)*, *(insert acceptable State aggregate gradation and subsection and/or table reference -* ***obtain from the Materials Engineer****)*, found at *(insert link to the* ***website*** *containing the State Specification Book* ***not a direct link to the spec book****)*, subject to the approval of the CO. Conform to the requirements of Subsections 703.05(a) and 703.05(c) for all other properties. Submit the request according to Subsection 301.03.

*INCLUDE THE FOLLOWING FOR SUBBASE, BASE, AND SURFACE COURSE AGGREGATES (INCLUDE FOR ALL PROJECTS WITH 301, 308, AND 311 PAY ITEMS) (IF USED, ALSO INCLUDE CLAUSE $$301.03B)*

$$703.05F

703.05. Add the following:

|  |  |  |
| --- | --- | --- |
| **Table 703-2A**  **State Department of Transportation Gradation**  **Allowable Deviation Based on Target Value** | | |
| **Percent by Mass Passing** | | **Allowable**  **Deviation** |
| **Minimum** | **Maximum** |
| 90.1 | 100.0 | 6 |
| 80.1 | 90.0 | 8 |
| 30.1 | 80.0 | 8 |
| 20.1 | 30.0 | 8 |
| 10.1 | 20.0 | 6 |
| 0 | 10.0 | 4 |

*INCLUDE THE FOLLOWING FOR AGGREGATE-TOPSOIL COURSES < 1 ½ INCHES IN DEPTH (INCLUDE FOR ALL PROJECTS WITH 313 PAY ITEMS WITH A TYPICAL SECTION OF LESS THAN 1 ½ INCH-DEPTH)*

$$703.13A

703.13. Delete the Subsection and substitute the following:

**703.13 Aggregate for Aggregate-Topsoil Course.** Conform to AASHTO M 80, Class E and AASHTO M 43, Size Number 67.