

219-R-815 CEMENT STABILIZED SUBGRADE SOIL

(Adopted 03-20-26)

The Standard Specifications are revised as follows:

SECTION 219, BEGIN LINE 10, INSERT AS FOLLOWS:

**219.02 Materials**

Materials shall be in accordance with the following:

<i>Blended Cement, Type II</i> .....	901.01(b)
Portland Cement, Type I.....	901.01(b)
Water .....	913.01

Note: *Blended cement and Portland cement* may be used dry or as a slurry. Soils shall meet the requirements of 215.02.

SECTION 219, BEGIN LINE 35, INSERT AS FOLLOWS:

The mix design, test results, and the geotechnical consultant recommendations shall be submitted to the Engineer and to the Department’s Geotechnical Engineering Division for approval at least five business days prior to use. *If the type of cement is changed from Type I to Type II or from Type II to Type I, a new mix design shall be submitted for approval.*

SECTION 219, BEGIN LINE 48, INSERT AS FOLLOWS:

**219.07 Preparation of Soils**

Soil preparation shall be in accordance with 215.06. All rocks greater than 2 in. encountered before or after mixing the soils and chemical modifiers shall be removed.

When stabilization of foundation soils with cement is required in a cut or at-grade section, *proofrolling is required in accordance with 203.26 to delineate the soft soil. When it does not meet the proofrolling requirements,* the top 12 in. of soil for cement stabilized subgrade soil shall be removed and stockpiled prior to constructing the 14 in. thick stabilization of foundation soils with cement. When the stabilization of foundation soils with cement is complete, the 12 in. of cement stabilized subgrade soil shall then be placed.