

203-R-682 EXCAVATION AND EMBANKMENT

(Adopted 09-20-18)

The Standard Specifications are revised as follows:

SECTION 203, BEGIN LINE 1106, DELETE AND INSERT AS FOLLOWS:

203.25 Embankment Without Stiffness Control

When aggregate is used for embankment construction and ~~has such a large top size as to make it impractical to perform stiffness tests, and if approved, it is not possible to perform stiffness testing in accordance with ITM 508 or strength testing in accordance with ITM 509,~~ such material shall be compacted with several passes of crawler-tread equipment or with approved vibratory equipment, or both. The equipment weight shall be at least 10 t. The materials shall be placed in lifts not to exceed 9 in. loose measurements, or as directed by the Engineer. Each lift shall be compacted with a minimum of five passes. The tread areas shall overlap enough on each trip so that the entire embankment is compacted uniformly. When the embankment reaches 24 in. below the proposed subgrade elevation, proofrolling shall be performed in accordance with 203.26. Proofrolling shall also be performed at every 5 ft of fill placed. Any defect shall be corrected as directed. Upon acceptance, a layer of geotextile in accordance with 918.02(a) Type 2B, shall be placed and the remaining embankment shall be constructed with No. 53 aggregate in accordance with 301.

At locations inaccessible to the above compacting equipment, the required compaction shall be obtained with approved mechanical tamps or vibrators, in which case the depth of lifts, loose measurement, shall not exceed 4 in.
