FLORIDA DEPARTMENT OF TRANSPORTATION
State Materials Office
5007 NE 39th Avenue
Gainesville, Florida 32609

July 1, 2020

Florida Method of Test for Materials Finer than 75µm (No. 200) Sieve in Mineral Aggregate by Washing

Designation: FM 1-T 011

FM 1-T 011 is identical to AASHTO T 11 with the following provisions:

1. Add section 1.2.1 stating:

   "The total amount of material finer than 75µm (No. 200) sieve is the minus 200 material lost by decantation of wash water via this method plus the minus 200 material obtained by dry sieving the non-decanted residue via AASHTO T 27."

2. Replace all occurrences of "R 90" with "FM 1-R 090".

3. Replace all occurrences of "R 76" with "FM 1-R 076".

4. Add the following after Section 5.3:

   "The volume of the pan shall be at least two times the volume of the wash sample."

5. Replace **Note 1** with the following:

   "This method does not approve the use of a mechanical washing apparatus."

6. Delete Section 7 and Section 8.1-8.4 and **Note 3** (keep **Note 4** and **Note 5**).

7. Change sentence two in Section 8.5 to:

   "Determine the weight to the nearest 1g or 0.1% of the sample weight, whichever is greater. Delete Section 11.1 and replace it with "Report the total percentage of material finer than the 75-µm (No 200) sieve to the nearest 0.01 percent".

8. Add the following after Section 9.2, sentence 4:

   "Hand mix the sample with sifting and swirling action sufficient to result in complete separation of all particles finer than the 75µm (No. 200) sieve from the coarser particles. The intent of this method is to eliminate the generation of additional fine material by deliberately crushing or grinding the aggregate."

9. Add the following to the end of the last sentence in Section 9.3:

   "but not more than 20 wash cycles."