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

June 16, 2025

Florida Method of Test for Determination Of Organic Content in Soils by Loss on Ignition

Designation: FM 1-T 267

FM 1-T 267 is identical to **AASHTO T 267** except for the following provisions:

1. **When testing Soil Layer Materials in accordance with Section 987 of the Standard Specifications:**

   1.1 Obtain the soil layer samples using a post-hole digger to carefully dig a straight-sided 6-inch deep hole. Place all the soil into a bucket with care. Repeat the procedure for a total of three (3) cores taken over a distance of approximately 20 yards. Thoroughly mix the soil in the bucket and place a representative sample consisting of approximately a half (1/2) pint into a container to be taken to the lab for testing.

   1.2 Perform the Loss on Ignition method for determination of organic content of the sample, discarding the portion of the sample retained on the 12 mm (0.5 inch) sieve. The portion of the sample passing the 12 mm (0.5 inch) sieve and retained on the No. 10 sieve should be ground using a pulverizing apparatus so that it passes the No. 10 sieve.

2. **When testing other materials from the roadway for project acceptance a sample is made up of three subsamples:**

   2.1 Replace the word “sample” with “subsample” in **AASHTO T 267**.

   2.2 In the laboratory, keep samples separate and perform loss on ignition for each subsample. Record the individual results. Determine individual maximum and average organic content for the subsamples collected. If required, the remaining material may be combined for other testing.