



**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 Finish Soil Layer Materials in accordance with Section 987 of the Standard Specifications:
 - 1.1 In obtaining the finish soil layer samples, use a post-hole digger to carefully dig a straight-sided 6-inch deep hole, being careful to place all the soil into a bucket. 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 In performing the Loss on Ignition method for determination of organic content of the sample, discard 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 pulverized 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 Randomly select a location along the roadway and collect three subsamples across the roadway. When collecting a subsample, sample the full depth of the lift taking care to exclude any underlying material.
 - 2.3 In the laboratory, perform loss on ignition for each subsample. Record the individual results. Determine individual maximum and average organic content for the subsamples collected in (b). If required, the remaining material may be combined for other testing.