



Florida Method of Test for REDUCING SAMPLES OF AGGREGATE TO TESTING SIZE

Designation: FM 1-T 248

FM 1-T 248 is identical to AASHTO T-248 except for the following provisions:

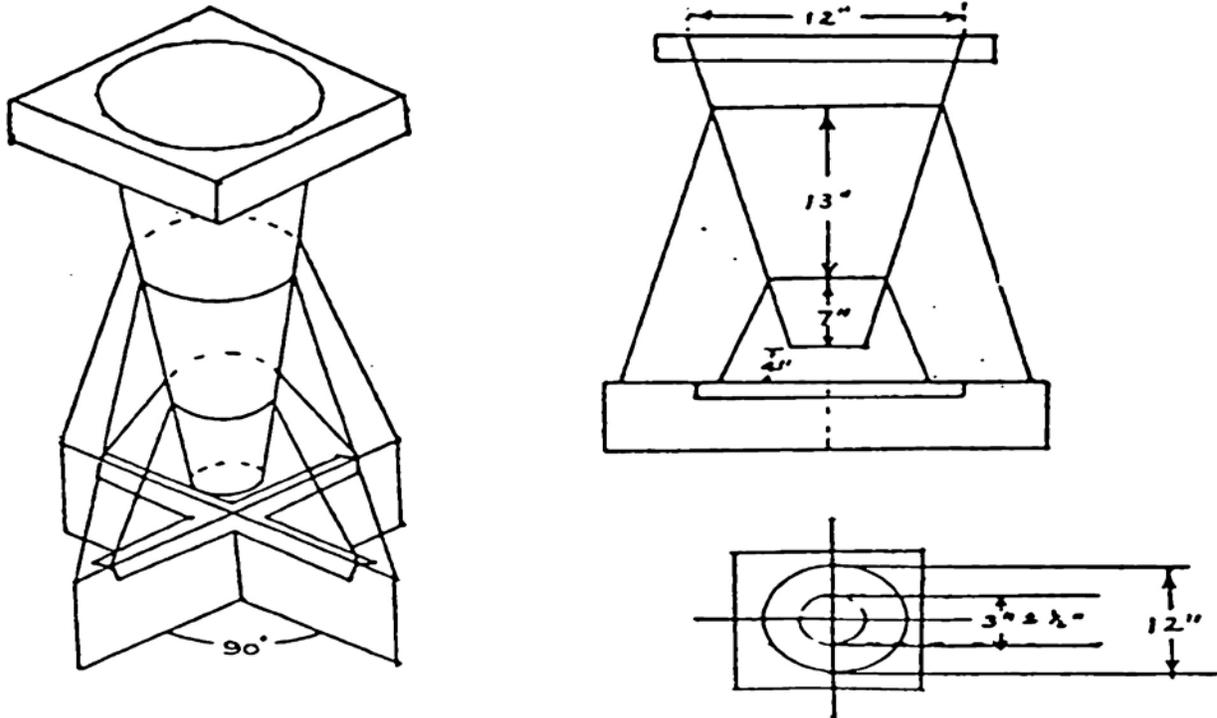
1. Replace all occurrences of "T 2" in with "FM 1-T 002."
Replace all occurrences of "T 84" in with "FM 1-T 084."
2. Replace Section 5.1.2 with:
 - 5.1.2 If sample reduction is performed using Method A, the sample need not be dried to at least the surface-dry condition. Smaller particles adhering to the chutes or splitting bar should be brushed downwards into the containers.
3. Add the following after section 8.1:

8.2 ALTERNATE PROCEDURE FOR METHOD A - THE CONE SPLITTER

Place all bags comprising the one field sample near cone splitter, readily available for emptying into cone splitter (Fig. 4 & 4A.) Place first bag in cone by lifting carefully, gathering top of untied bag in one hand and placing other hand on bottom of bag. Invert bag, top to bottom, and allow bag to slide down slowly into cone, continuing to keep bag closed while holding on to bag as long as possible. Grasp the upper corners of sample bag firmly with both hands and with rapid upward movement, allow material to spill downward across the splitting bars. Select diagonally opposite quarters, put quarters together in bag, shake to mix, and then introduce through the cone again for as many times as necessary to acquire desired size of sample for test. A test sample always consists of two diagonally opposite quarters.

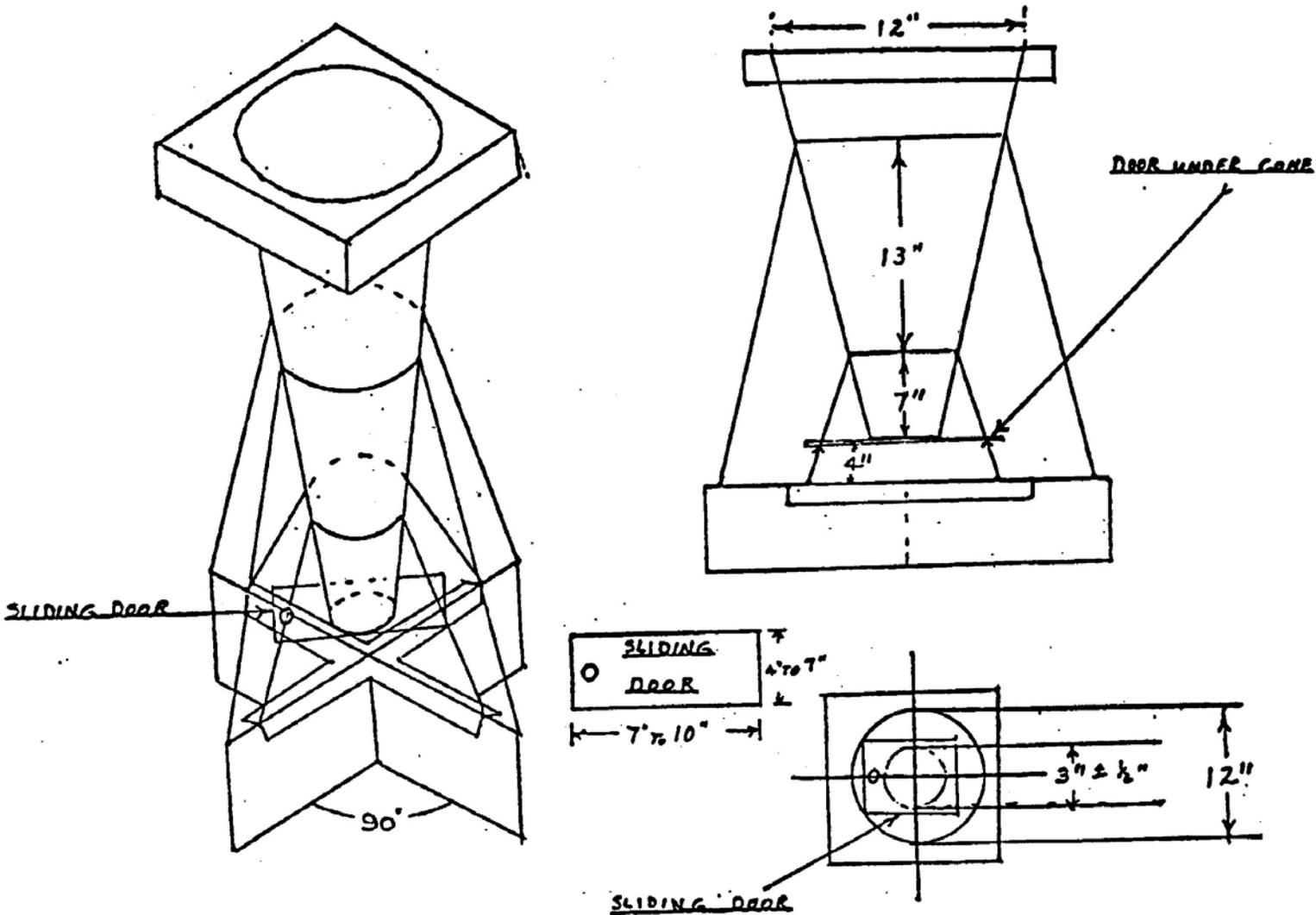
Leftover material may be combined and utilized for other required tests or discarded.

Note: If a door restricting flow is at the bottom of the cone, material may be poured directly into cone. Open the door, allowing the material to spill across the splitting bars. Opposite quarters must still be selected, combined and passed through the cone until desired size of test sample is acquired.



Standard Traffic Cone Centered Over Quartering Bar

Figure 4 – Cone Splitter
 Not to scale



Standard Traffic Cone Centered Over Quartering Bar

Figure 4-A Cone Splitter with Door

Not to scale