

## Procedure for One-Dimensional Consolidation Properties of Soils

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### 1. Scope:

This test is for determining the magnitude and rate of consolidation of soil when it is restrained laterally and drained axially while subjected to incrementally applied controlled-stress loading.

### 2. Apparatus:

2.1 Shall be in accordance with AASHTO T 216 except:

- A. Section 6.2.1 – Delete the section and replace with “Minimum specimen diameter – The minimum specimen diameter shall be 1.93 in.. The diameter of the sample in the tube shall be equal to the diameter of the consolidation test ring.”
- B. Section 6.2.3 – Delete the first sentence and replace with “Minimum specimen diameter-to-height ratio – The minimum specimen diameter-to-height ratio shall be 1.93”.

### 3. Procedure:

3.1 Shall be in accordance with AASHTO T 216.

### 4. Report:

4.1 Report results as per AASHTO T 216.

### 5. References:

AASHTO T 216