

2000704 ROCK BASE  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (5-26-15, Internal)

→ → **200-7.4.2 Pit Proctor:** When using the Pit Proctor option, the Engineer will ~~select a random location to sample and test~~, at ~~the~~ minimum frequency ~~of one per 16 LOTS below~~, ~~select a random location to collect~~ **obtain** an Independent Verification (IV) ~~sample and test material to obtain a Modified Proctor~~ maximum density as determined by FM<sup>91</sup>-T180, Method<sup>D</sup>. The Engineer will collect enough material to split and hold a sample for Resolution testing. ¶

<u>Test Name</u> ¶	<u>Mainline Pavement Lanes, Turn Lanes, Ramps, Parking Lots, Concrete Box Culverts and Retaining Wall Systems</u> ¶	<u>Shoulder Only, Shared Use Path and Sidewalk Construction</u> ¶
<u>IV Modified Proctor Maximum Density</u> ¶	<u>One per 16 consecutive LOTS</u> ¶	<u>One per 4 consecutive LOTS</u> ¶

→ → → The Engineer will compare the IV results with the Pit Proctor. If the IV result is **lower** than or equal to the Pit Proctor plus 4.5 pcf, keep the option to use the Pit Proctor. If the IV result is more than 4.5 pcf higher than the Pit Proctor, the Engineer will test the Resolution sample and compare the Resolution result with the Pit Proctor. If the Resolution result is **higher** ~~more~~ than ~~but within~~ 4.5 pcf **higher** ~~of~~ ~~than~~ the Pit Proctor ~~result~~, **keep the option to use the Pit Proctor.** ~~Otherwise~~ return to the provisions of 200-7.2.2, 200-7.3.1.1, 200-7.3.2.1, and 200-7.4.1, **otherwise keep the option to use the Pit Proctor.** ¶

1. Typically Tables in the Specifications require a Table name and table number, therefore, I recommend adding a Table number and name.

Response: To add clarity “**in the table below**” will be added to the first sentence in 200-7.4.2. Change made.

2. Probably better to use, “less than” rather than, “lower than” since you are using, “more than” instead of, “higher than” further below

Response: The last sentence of 200-7.4.2 was changed as follows: If the Resolution result is lower than or equal to the Pit Proctor plus 4.5 pcf, keep the option to use the Pit Proctor. Otherwise return to the provisions of 200-7.2.2, 200-7.3.1.1, 200-7.3.2.1, and 200-7.4. Change made.

3. I added the word, “to” in order to improve the grammar.

Response: Agree.  
Change made.

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D3 Construction  
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Comments: (6-12-15)

In section 200-7.4.2 it states that the Independent Verification (IA) samples are to be sampled a minimum of one sample per 16 LOTs. Should this be referencing the Independent Verification (IA) or should this be referencing the Verification Technician (VT)?

Is the intent of this change to have the Verification Technician (VT) to take a sample at a minimum of one sample per 16 LOTs or is it for the Independent Verification (IA)?

Response: The term Independent Verification (IV) was chosen for the Pit Proctor process to differentiate it from traditional Verification sampling in the roadway. The intent is for Verification personnel to take the sample  
No change necessary.

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