

PROPOSED DRAFT February 2015

401.03.21 Compaction, Compaction Control Testing, and Density Acceptance Testing

Provide core samples of the compacted plant mix from the roadway. Core locations will be randomly selected based on the tons (MT) of mix placed. Core the locations selected after all rolling is complete and before the roadway is opened to traffic. The center of the core location will not be within 12 inches (305 mm) of unconfined longitudinal paving joints, 12 inches (305 mm) of a shoulder hinge point, or where the planned nominal thickness is less than 0.10-foot (30 mm). The center of the core locations for confined longitudinal joints may be placed within 5 inches (125 mm) of the joint. The pavement density is determined from cores taken at randomly selected locations after all rolling is complete and before the roadway is open to traffic.

Provide two 4-inch (100 mm) cores the full depth of the plant mix surfacing, extracted from within a 5-inch (125 mm) radius of each designated location. Mark the core as directed.

Deleted: Take cores after all rolling is complete.

COMMENTS

1. 401.03.21 Compaction: Compaction control testing, and density acceptance testing. This change allows MDT to test within 5 inches of a confined longitudinal joint instead of the current 12 inch distance. MCA members were concerned that the current joint slope when joining two lanes would mean that testing was occurring over the joint and that the joint specification should already cover that issue. MDT agreed and pointed out this change was meant to address a vertical joint common to trenching through the pavement. MCA understands that MDT will make that adjustment and appreciates their efforts.

Response: The portion of the change calling out "confined longitudinal joints" will be modified accordingly.

2. I have a comment on the Compaction Spec. 401.03.21. The spec states to take two cores for the longitudinal joint cores. The special provision going into the contracts states to only take a single core. I would think we need two cores but these don't match.

Response: This spec change is separate from the current longitudinal joint QA evaluation special provision. This change is meant to address vertical joints during a milling operation. The language has been modified to better differentiate.

3. In red "The center of the core locations for confined longitudinal joints may be placed within 5-inches (125 mm) of the joint". I think is referring to a trench joint. Some may get in confused with the new longitudinal joint specification.

Response: This is refereeing to a trench joint. The language has been modified to better differentiate.

FINAL
EFFECTIVE July 14, 2016

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