



MEMORANDUM

GENERAL SUBJECT: VTM Revisions	NUMBER: MD 361-13
SPECIFIC SUBJECT: Notice of Revisions to VTM-1, VTM-8, VTM-10, VTM-51, and VTM-52	DATE: September 10, 2013
DIRECTED TO: District Materials Engineers	SIGNATURE: Charles A. Babish, PE <i>Signature on original copy of memorandum</i>

This Memorandum notifies the users of the Materials Division’s Virginia Test Methods (VTMs) with the following updates:

VTM-1: A General Note 3 has been added, “When performing this test on #10 tertiary screenings (stone dust), be guided by the unique recommendations for field compaction as stated in the Materials Division Manual of Instructions, Section 309.06.”

VTM-8: Metric references have been removed in Sections 5.1.2, 6, and 8.1, Section 10.2.1 has been replaced with “The CBR is selected at 0.10 in. penetration”, and Section 11.1.5 has been replaced with “California Bearing Ratio, percent. Include also the original uncorrected penetration-resistance curve, with corrections drawn on the curve”.

VTM-10: The title, introduction, and scope have been revised to include subgrade, backfill, FDR, CIR, and CPR, Section 2 has been revised to clarify terms, Section 3 has been revised to help clarify when to use direct transmission vs. backscatter, Section 4 has been revised to group the direct transmission materials together, help clarify oversize correction requirements, Section 5 has been added to group the backscatter materials together and delete references to asphalt and better break out Roller Pattern from Control Strip activities (notably the direct transmission verification), Section 6 has been added for the recycle layer courses, and corrections have been made to the language in Section 7 on moisture and trench offsets.

VTM-51: Has been revised to remove most metric references, Sections 2a, e, and 3a have been clarified, former Sections 3c, e, o, and p have been deleted as VDOT no longer runs 9 tests for each sample, Section 3c on pre-wetting has been updated, Section 3d has been revised to include an

alternate standard gradation, Section 3f is updated, Section 3k is revised to clarify significant digits, Section 3l is revised and significant digits clarified, a General note 4a has been added to help explain the requirements of the test, Figure 2 has been corrected, and Appendix A has been deleted.

VTM-52: Metric references have been removed, Sections 1 and 2 have been corrected, Section 3c deleted, corrections made to the former Sections 3a, b, d, f, g, and h, and a new Section 3h added stating "Average the elongations corresponding to peak loads and report it as elongation at grab strength."

The Virginia Test Methods may be accessed by using the link below:

<http://www.virginiadot.org/business/resources/Materials/bu-mat-VTMs.pdf>

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