



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219 2000

Charles A. Kilpatrick, P.E.
Commissioner

July 27, 2016

MEMORANDUM

To: All Users of the Virginia Department of Transportation's Road and Bridge Standards

The Location & Design Division has issued a 2016 edition of the Road and Bridge Standards to coincide with the release of the 2016 Road and Bridge Specifications. Effective with this release date, VDOT will no longer provide printed versions of the Road and Bridge Standards. The standards will now be web based and accessible via the 2016 Road and Bridge Standards website shown below:

http://www.virginiadot.org/business/locdes/vdot_road_and_bridge_standards.asp

The 2016 Road & Bridge Standards will be required for all Tier 1 projects going to Advertisement on November 22, 2016 (Non Federally Eligible), December 13, 2016 (Federally Eligible) and Tier 2 projects going to Advertisement on February 14, 2017.

Minor improvements were made to the 2016 Road and Bridge Standards. Some drawings were removed from the standards, some were renamed or renumbered, and some were moved within the same section. Summarized below are the more substantive changes made within each section.

Section 100:

- EC-2 & EC-3 – Revised to meet new Rolled Erosion Control Products specifications
- EC-15 – New Sediment Retention Roll standard for reducing the effects of soil erosion on slopes.

Section 200:

- MC-3B – Clarified the details of asphalt concrete curb and backup material with guardrail
- MC-4 – Adjusted paving under guardrail asphalt depths and notes.

Section 300:

- Revised Rumble Strip and Stripe standards RS-1, RS-3, RS-4, RS-5, and added a new standard RS-6

Section 400: no major changes

Section 500:

Added permanent TL-3, TL-2, and TL-3 Low Maintenance Impact Attenuators
Removed proprietary temporary barriers from the standards

Section 600: no major changes

Section 700: no major changes

Section 800:

TC-5.01 and TC-5.04 criteria are no longer applicable and have been removed.

Appendix: no major changes

Section 1000: no major changes

Section 1100: no major changes

Section 1200: no major changes

Section 1300:

The following standards are new: HH-1, AB-1, and VS-1.

Changes were made to the following standards: MP-2, MP-3, PF-2, PF-8, LF-1,
LP-1/LP-2, LP-3, OSS-1SPD-2, and PM-3.

Any questions related to this section should be directed to the Traffic Engineering Division.

Section 1400: no major changes

ALL insertable sheets currently used in conjunction with the 2008 Standards have now been incorporated into the 2016 Road and Bridge Standards with the exception of the following insertable sheets which should still be utilized where applicable. All insertable sheets will be located in the Central Office Environment on Falcon DMS and the FTP Server.

GR-FOA-3 W-Beam Guardrail Installation Criteria (Sheets 1- 3),
Historic Sign Marker Foundation Details (Sheets 1-2)
Temporary Sediment Trap Detail Sheet

If you have any questions or comments regarding the 2016 Road & Bridge Standards, please contact Chuck Patterson P.E., at (804) 786-1805, of the Standards and Special Design Section.

Sincerely,

Signature on file _____

Date: 7/27/16

B. A. Thrasher, P.E.
State Location & Design Engineer