



# COMMONWEALTH of VIRGINIA

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

GREGORY A. WHIRLEY  
ACTING COMMISSIONER

February 28, 2006

## MEMORANDUM

To: All Holders of the Virginia Department of Transportation's 2001 Road and Bridge Standards

The following is a list of standards contained in the 2001 Road and Bridge Standards that have been revised. Please add these pages to your copy of the standards. An insertable sheet will not be required in plan assemblies for the following seven (7) sheets only. Changes to these sheets will not affect the basis of payment or estimates.

PAGE	STANDARD	REVISION
608.01	SD-1	Updated title of sheet.
608.06	SD-4	Revised title of sheet.
608.07	SD-4	Revised title of sheet.
608.08	SD-5	Revised title of sheet.
608.09	SD-5	Revised title of sheet.
802.21A	TC-5.04	Added a new sheet for TC-5.04 superelevation table.
802.24A	TC-5.04	Added a new sheet for TC-5.04 superelevation table.

The previous revision to sheets 802.21 and 802.24 in July 2005 have been voided and replaced with new sheets 802.21A and 802.24A and relabeled TC-5.04 for urban low speed. The revision prior to the July 2005 revision to these sheets is still valid as the TC-5.01 standard for urban low speed.

The following is a list of revised standards to the 2001 Road and Bridge Standards that do require an insertable sheet to be included in your plan assembly until the next edition of the imperial standards is published. Please add these pages to your copy of the standards. They are available electronically in PDF format on the VDOT web site. The respective insertable sheet number has been placed with the revised standard. An insertable sheet is available for each of these revised standards in Falcon DMS for VDOT personnel and on the FTP server for consultants working on VDOT projects. These insertable sheets will be required in plan assemblies for projects utilizing the standard items listed below effective with the September 2006 advertisement.

<b>PAGE</b>	<b>INSERT</b>	<b>STANDARD</b>	<b>REVISION</b>
104.31	a163	DI-12, 12A	Revised previous four-sided frame with a two sided frame and increased the depth of the grate.
104.33	a164	DI-12B, 12C	Revised previous four-sided frame with a two sided frame and increased the depth of the grate.
104.34	a164	DI-12B, 12C	Revised previous four-sided frame with a two sided frame and increased the depth of the grate.
104.38	a170	DI-14	Corrected rebar label for drop inlet structure.
104.39	a170	DI-14	Corrected an error in the table.
108.01	a80	UD-1	Revised note regarding connection to drainage structures.
108.02	a80	UD-2	Revised note regarding connection to drainage structures.
108.03	a55	UD-3	Revised note regarding connection to drainage structures.
108.07	a81	UD-4	Revised note regarding connection to drainage structures.
108.09	a83	UD-7	Revised note regarding connection to drainage structures.
203.01	a76	CG-9A	Revised the minimum width for pedestrian access routes from 3' to 4'.
203.02	a78	CG-9B	Revised the minimum width for pedestrian access routes from 3' to 4'.

<b>PAGE</b>	<b>INSERT</b>	<b>STANDARD</b>	<b>REVISION</b>
203.03	a78	CG-9D	Revised the minimum width for pedestrian access routes from 3' to 4'.
203.08	a108	CG-13	Revised the minimum width for pedestrian access routes from 3' to 4'.
501.09	a132	GR-6	Correct height of GR-2 leading into terminal treatment.
501.16	a136	GR-SP	Revised to match site preparation requirements in the 2002 AASHTO Roadside Design Guide.
501.17	a136	GR-SP	Revised to match site preparation requirements in the 2002 AASHTO Roadside Design Guide.
605.01	a171	NG-1	Added an additional lock to storage box.
1301.30	a172	SE-1	Updated grounding system and identifies non-included pay items.
1301.31	a172	SE-1	Updated grounding system and identifies non-included pay items.
1301.32	a173	SE-2	Updated grounding system and identifies non-included pay items.
1301.33	a174	SE-3	Updated grounding system and identifies non-included pay items.
1301.34	a174	SE-3	Updated grounding system and identifies non-included pay items.
1301.35	a173	SE-4	Updated grounding system and identifies non-included pay items.
1301.36	a175	SE-5	Updated grounding system and identifies non-included pay items.
1301.37	a175	SE-6	Updated grounding system and identifies non-included pay items.
1301.38	a176	SE-7	Updated grounding system and identifies non-included pay items.

<b>PAGE</b>	<b>INSERT</b>	<b>STANDARD</b>	<b>REVISION</b>
1301.39	a176	SE-8	Updated grounding system and identifies non-included pay items.
1301.40	a177	SE-9	Updated grounding system and identifies non-included pay items.
1301.86	a178	PM-1	Added plan note and revised mainline pavement marking width.
1301.87	a178	PM-2	Added plan note and revised mainline pavement marking width.

The following three (3) sheets were revised by the Structure and Bridge Division on September 20, 2005 but have not been issued until this revision. The individual standard sheets that are to be placed in the 2001 Road and Bridge Standards have been dated 9/20/05 while the insertable sheets that will be inserted into plan assemblies have the 2/06 revision date.

<b>PAGE</b>	<b>INSERT</b>	<b>STANDARD</b>	<b>REVISION</b>
1301.72	a154	OSS-1	Revised anchor bolt notes.
1301.78	a167	BSS-1	Revised anchor bolt notes.
1301.79	a157	SPD-1	Revised bolts for attaching z-bar to sign panel.

Insertable sheet A-97, Solid Paving Units (Sidewalk and Crosswalk) has been eliminated. Any projects specifying concrete or clay brick pavers for sidewalks or crosswalks will require a special design. Please contact Al Bryan, Landscape Architect, at (804) 371-6737 with questions concerning pavers and their applications.

If you have any questions or comments regarding the listed revisions to this publication, please contact Steve Van Cleef of the Standards and Special Design Section at (804) 786-2543.

Sincerely,

Mohammad Mirshahi, P.E.  
State Location and Design Engineer