

METRIC ROAD DESIGN MANUAL
REVISIONS JANUARY 2011

APPENDIX “A” METRIC

- Page A-3M – Replaced the following language under “DESIGN WAIVERS”; From “This Design Waiver Policy is for roadway projects only.” To; “This Design Waiver Policy is applicable to VDOT maintained roadways only.”

- Page A-12M (GS-6) – Deleted the following language in Footnote No. 1; *“or if design year ADT exceeds 2000.”*

Added the following language in Footnote No. 2; If heavy truck traffic *“or buses are”* anticipated, an additional 0.3m width is desirable.

Revised the following language in Footnote No.11 from; “Situations having restrictions on trucks may allow the use of lanes 0.3m less in width.” To; “Situations having restrictions on trucks may allow the use 3.3m lanes.”

- Page A-16M (GS-9) – Revised “Minimum Travelway Width” for 30 mph from 4.2m to 4.8m to match AASHTO.
- Page A-20M & 21M – Revised “Case 1 thru 4” to add additional information to the details.
- Page A-26M – Revised “Typical Urban Section” to increase “Lateral Offset: from 2.3m to 3.2m.
- Page A-36M – Added the following language to the first paragraph under “GUARDRAIL INSTALLATION IN URBAN SETTINGS”; Guardrail is not recommended where curb, or curb and gutter is used. Whenever it is necessary to provide guardrail along a curbed section (no sidewalk or sidewalk space) Standard GR-2 “or GR-2A” Strong Post Guardrail shall be used in conjunction with Standard CG-3 or CG-7 (0.1m mountable curb) and the face of the rail should be aligned with the face of curb. “For design speeds 70 kph or less, use Standard GR-2. For design speeds greater than 70 kph, use Standard GR-2A.”
- Page A-54M – Added the following language under “MINIMUM BRIDGE WIDTHS ON RRR PROJECTS”; *“(If bridge is less than 30 Meters long)”*.