

METRIC ROAD DESIGN MANUAL
REVISIONS JANUARY 2008

Note:

Volume 2 Metric no longer exists. All information related to metric projects can now be found in Volume 1.

APPENDIX “A” METRIC

- Page A-5 – Revised “Footnote” number 5 to read “4.2m Shoulders may be reduced to 3.0m”.
- Page A-6 – Revised column in chart from; “Min. Width of Graded Shoulders” to “Min. Width of Total Shoulders (Graded & Paved)”. Deleted column for “Passing Sight Distance” and added the following note; For Passing Sight Distance Criteria See Current AASHTO Green Book.
- Page A-7 – Revised “Footnote No. 4” to add the following language; “with ADT >2000”. Deleted column for “Passing Sight Distance” and added the following note; For Passing Sight Distance Criteria See Current AASHTO Green Book.
- Page A-8 – Revised “Footnote No. 3” to add the word “by” after “decreased”. Deleted column for “Passing Sight Distance” and added the following note; For Passing Sight Distance Criteria See Current AASHTO Green Book.
- Page A-9 – Revised column in chart from; “Min. Width of Graded Shoulders” to “Min. Width of Total Shoulders” and from “Paved Shoulder Width” to “Buffer Strip Width”. Also deleted Footnote No. 15.
- Page A-10 – Revised column in chart from; “Paved Shoulder Width” to “Buffer Strip Width”. Also deleted Footnote No. 13.
- Page A-11 – Revised column in chart from; “Paved Shoulder Width” to “Buffer Strip Width”. Also deleted Footnote No. 12.
- Page A-13 - Deleted column for “Passing Sight Distance” and added the following note; For Passing Sight Distance Criteria See Current AASHTO Green Book.
- Page A-31 – Revised second paragraph to include the following information: “If possible, to provide maximum offset, the guardrail should be placed 3.3m or more behind the curb for high speed (80 km/h or more) roadways and 1.8m or more behind the curb for low speed (72 km/h or less) roadways. The guardrail height when placed at the curb is measured from the roadway surface. When offset from the curb, it is measured from the ground beneath the rail.”
- Page A-73 & A-74 – Updated list of associated cities and airports.

APPENDIX “C” METRIC

- Page C-4 – Added the following language to “LEFT-TURN LANES”: “In general, when left-turn volumes are higher than 100 vph, an exclusive left-turn lane shall be considered.”
- Page C-5 – Revised taper length for 55 km/h or less from 60m to 30m.
- Page C-47 – Revised “Accessible Route” width from 915mm to 1220mm in the ACCESSIBLE PARKING AND PASSENGER LOADING ZONES detail.