

DESCRIPTION	TRAFFIC VOLUME (AADT)	TARGET TRUCK DESIGNATION	DESIGN SPEED (km/h)	LANE WIDTH (m)			PAVED SHOULDER WIDTH (m)			TOTAL SHOULDER WIDTH (m)			ROUNDING (m)	FINISHED TOP WIDTH (m)
				MAINT ¹	3R ²	NEW ³	MAINT ¹	3R ²	NEW ³	MAINT ¹	3R ²	NEW ³		
FREEWAY (A)	>10,000	SCHEDULE C	90-120	MAINTAIN EXISTING LANE WIDTH	3.7	3.7	MAINTAIN EXISTING SHOULDER TYPE	PAVED OUT-2.0 IN-1.5	PAVED OUT-2.0 IN-1.5	2.5 2.0	OUT-2.5 IN-2.0	OUT-2.5 IN-2.0	0.8	13.5
MAJOR ARTERIAL (B)	<10,000	SCHEDULE C	90-120		3.7	3.7		PAVED 1.5 ⁴	PAVED 1.5	2.5	2.5	2.5	0.8	14.0
MINOR ARTERIAL (C)	>5,000	SCHEDULE C	80-100		3.5	3.7		PAVED 0.0-0.5	PAVED 0.5	1.5	1.7	2.2	0.6	13.0
MINOR ARTERIAL (D)	<5,000	SCHEDULE D ⁵ SPRING WEIGHT EXEMPT ⁵	80-90		3.3	3.5		PAVED 0.0-0.3	PAVED 0.3	1.5	1.7	2.0	0.6	12.2
MAJOR COLLECTOR (E)	>3,000	SCHEDULE D	80-90		3.3	3.5		0.0	0.0-0.2 ⁶	1.5	1.5	2.0	0.4	11.8
MINOR COLLECTOR (F)	<3,000	SCHEDULE D	70-80		3.0	3.3		UNPAVED	UNPAVED	1.0	1.2	1.5	0.4	10.4

NOTES:

1. MAINTENANCE STANDARDS
2. 3R - RESURFACING, RESTORATION, REHABILITATION
3. NEW CONSTRUCTION / RECONSTRUCTION
4. MAY CONSIDER MINOR ARTERIAL A WIDTH IF LOW TRAFFIC VOLUME AND TWINNING IS 15+ YEARS AWAY.
5. SCHEDULE C - IF POSSIBLE WHEN INDUSTRY NEEDS WARRANT.

6. PAVED SHOULDER WIDTH FOR MAJOR COLLECTORS WILL BE 0.0 FOR AADT<5000 AND 0.2 FOR AADT>5000
7. THIS TABLE ONLY INCLUDES CERTAIN CROSS SECTION ELEMENTS, USERS ARE REMINDED TO ALSO CONSULT THE TIR HIGHWAY DESIGN GUIDELINES, FILE # S-2009-001, FOR OTHER IMPORTANT CROSS SECTION ELEMENTS AND DESIGN CRITERIA.
8. REF: HIGHWAY FUNCTIONAL CLASSIFICATION REVIEW, M. DELANEY, DEC/07

BL Miluszyn
 Manager Highway Planning and Design

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 Director Highway Engineering Services

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 Executive Director Highway Engineering and Construction



1	DESCRIPTION FIELD UPDATED-MAY 2013
No.	REVISION

Scale : N.T.S.
 Drawn by : M.LABRECHE
 Checked by : K.BODDY
 Date of Plan : AUG2009
 File No. : S-2009-002

**CONSTRUCTION / RECONSTRUCTION
 3R, MAINTENANCE GUIDELINES**

