

# DESIGN BULLETIN #61/2008 (Revised July 2009)

## Errata to the Roadside Design Guide, November 2007

### Summary

This Bulletin is being issued of Errata to the Alberta Transportation's Roadside Design Guide, November 2007.

An Errata summary table can be found in the Roadside Design Guide web site. The updated pages indicated in the Errata summary table can be found in the appropriate section(s) of the Guide.

<http://www.transportation.alberta.ca/3451.htm>

### Implementation

The Errata to the guideline as indicated in this Design Bulletin are to be implemented as per the usual practice.

Effective Date: April 4, 2008.

Revised Date 1: July 15, 2009

Contact: Peter Mah, Technical Standards Branch, Alberta Transportation.

Recommended:

*Original signed  
By Bill Kenny*

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Bill Kenny  
Director, Project Management  
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Approved:

*Original signed  
by Moh Lali*

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Moh Lali  
Executive Director,  
Technical Standards Branch

## Errata to the Alberta Transportation Roadside Design Guide, November 2007

The following errata apply to the Alberta Transportation Roadside Design Guide, November 2007. Please update your Guide to ensure that it is current.

Section	Page	Reference	Description	Date
<b>July 15, 2009</b>				
	Acknowledgements (first page)	--	- spelling correction to Wing Choy - added Dr. John Morrall	July 2009
H3.2.3.3	H3-21	TABLE 3.12	Minimum Runout Length ( $L_R$ ) - Note 2 reworded.	July 2009
H3.2.3.3	H3-22	$X_1$	Correction to formula. $X_1$ = Length of need for adjacent traffic  Length of Need = $X_1 = \frac{LH_1 + \frac{L_1}{f} - L_2}{\frac{1}{f} + \frac{LH_1}{L_R}}$	July 2009
H3.2.3.3	H3-23	Figure H3.9	- Reference to Table 3 change to Table H3.12 on Adjacent Traffic and Opposing Traffic. - Opposing Traffic, "Intercept Line" is taken from the centerline of the road.	July 2009
H6.1	H6.2	FIGURES H6.1 and H6.3	Note added. * The 1.5m and 5:1 taper dimension are "preferred" dimensions. Refer to Standard Drawings for typical minimum dimensions	July 2009
Appendix A	H-APP-A-1	FIGURE HA.1	Collision Cost versus Severity Index - *For Illustration Purposes Only added. - * Use updated dollar values in Table HC1.7 on page H-APP-C1-7.	July 2009
Appendix B1	H-APP-B1-31	TEB 3.11a Rev.1	Strong Post W-Beam Blocked Out Terminal End Treatment, Wing End - Insert page (drawing) into Guide.	14 Sept.05

Appendix B1	H-APP-B1-32	TEB 3.11b Rev 1	Weak Post W-Beam Terminal End Treatment, Wing End - Insert page (drawing) into Guide	14 Sept 05
Appendix C1	H-APP-C1-4	TABLE HC1.2	Highway Curvature Factor (Kc) - Spelling correction to Table title.	July 2009
Appendix C1	H-APP-C1-5	TABLE HC1.4	Lateral Extent of Encroachment Probabilities (P)* - Title change to Table - Reference note added: See AASHTO 1996 Roadside Design Guide for more extensive table providing values up to 120 feet offset.	July 2009
<b>March 31, 2008</b>				
H4.3	H4-4	--	Last paragraph; change all referencing from design speed to operating speed.	March 2008
H4.3	H4-5	Table H4.1	First column heading, change Posted Speed to Operating Speed. Revision to Note (4)	March 2008
H4.9	H4-13	Figure H4.3	Add reference to Standard Drawing CB6-3.52M1	March 2008
H4.9	H4-14	Figure H4.4	Revision to Note 5. Add reference to Standard Drawing CB6-3.52M4	March 2008
Appendix C1	H-APP-C1-2	--	<i>... frequencies in Figure H3.11 are considered</i> should read: <i>... frequencies in Figure H3.12 are considered</i>	March 2008
Appendix D1	H-APP-D1-8	--	<i>...a 20 year project life with a 4: discount rate</i> should read: <i>...a 20 year project life with a 4% discount rate</i>	March 2008