

Highway Geometric Design Guide Chapter E Interchanges – Shoulder Ramp Width

Summary

This Design Bulletin is being issued as an amendment to Chapter E – Interchanges of the Alberta Infrastructure and Transportation Highway Geometric Design Guide 1995, Updated 1999.

In order to achieve consistent practices with other jurisdictions in Canada, the department has adopted right shoulder widths for interchange ramps and weaving length dimensions consistent with the Transportation Association of Canada's (TAC) Geometric Design Guide for Canadian Roads, 1999 Edition.

Key changes

- The right shoulder width on interchange ramps shall be 2.5 m (was 2.0 m).
- The weaving length points between the entrance and exit terminal at interchanges has also been adjusted to coincide with the TAC guidelines (refer to Figure E-1.1).
- Updates to the Highway Geometric Design Guide 1995, Updated 1999 are as follows:
 - The attached Figure E-1.1 (Revision 3), Design Standards of Exit & Entrance Terminals for Divided Highways at Interchanges replaces Figure E- 1.1 (Revision 2).
 - The attached Figure E-1.2 (Revision 2), Details of Entrance Terminals on Divided Highways at Interchanges replaces Figure E- 1.2 (Revision 1).
 - The attached Figure E-1.3 (Revision 3), Details of Exit Terminals on Divided Highways at Interchanges replaces Figure E- 1.3 (Revision 2).

Implementation

The revised drawings as indicated in this Design Bulletin are to be implemented as per the usual practice. The decision to revise or not will be made at the discretion of the Project Sponsor.

Date of Issue: December 21, 2006.

Effective Date: December 21, 2006.

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Drawings applicable to this Design Bulletin (click on link below):

Revised Drawings (December 2006)

- [Figure E-1.1 \(Revision 3\), Design Standards of Exit & Entrance Terminals for Divided Highways at Interchanges.](#)
- [Figure E-1.2 \(Revision 2\), Details of Entrance Terminals on Divided Highways at Interchanges.](#)
- [Figure E-1.3 \(Revision 3\), Details of Exit Terminals on Divided Highways at Interchanges replaces Figure E- 1.3 \(Revision 2\).](#)

Superseded Drawings (October 2006)

- [Figure E-1.1 \(Revision 2\), Design Standards of Exit & Entrance Terminals for Divided Highways at Interchanges.](#)
- [Figure E-1.2 \(Revision 1\), Details of Entrance Terminals on Divided Highways at Interchanges.](#)
- [Figure E-1.3 \(Revision 2\), Details of Exit Terminals on Divided Highways at Interchanges.](#)