



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

BDE PROCEDURE MEMORANDUM

NUMBER: 11-07

SUBJECT: BDE Manual Revision – Chapter 32

DATE: March 28, 2011

Chapter 32 of the BDE Manual has been revised to correct the horizontal curve and superelevation guidance. See Chapter 32 of the BDE Manual on-line to view the revisions.

Background

During the rewrite of the BDE Manual for 2010, the intent for horizontal curve and superelevation guidance was to match that of the 2004 AASHTO Green Book. The revisions described below fulfill that intent.

Section 32-2.05 and Figure 32-2.G - The minimum length of curve and the corresponding curve radii were corrected.

Figures 32-2.D, 32-2.E, and 32-2.F - The minimum radii were corrected and are now shown to the nearest 1 ft (1 m).

Figures 32-3.B, 32-3.C, 32-3.D, and 32-3.E - The rates of superelevation are now shown to the nearest 0.2%.

Section 32-4.02(a) - The figure reference was corrected for the downgrade stopping sight distance adjustment for passenger cars.

Engineer of Design and Environment _____

Scott E. Smith