



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

BDE PROCEDURE MEMORANDUM

NUMBER: 14-14

SUBJECT: BDE Manual Revision – Chapters 36 and 43

DATE: December 29, 2014

Chapter 36 and Chapter 43 of the BDE Manual have been revised to be current with Autoturn®, the AASHTO Greenbook, and practice among nearby states, as well as to update the policy on multi-unit vehicles to be more comprehensive. Please see Chapter 36 and Chapter 43 of the BDE Manual on-line to view the revisions.

Background

Section 36-1.08 was revised by:

- changing the WB-65 design vehicle to a WB-67 to be current with Autoturn®, the AASHTO Greenbook, and practice among nearby states,
- adding the WB-40 and WB-67D (Tractor-/Semitrailer/Trailer combination) to the list of design vehicles, since the WB-40 is a likely design vehicle in urban and suburban environments and the WB-67D is a legal vehicle on Illinois highways,
- updating some of the design vehicle turning path figures,
- adding a figure which shows commonly used truck tractors,
- adding a figure which shows the derivation of the center turn radius for tractor/semitrailer combinations, and
- adding text stating law prohibits limiting the overall length of truck/tractor combination vehicles on certain highways to remind designers larger trucks than the WB-67 are allowed without permits, but unless there is a need, designers are not required to design for trucks any larger than the WB-67.

Section 43-1.06 "Highway Designations" was added to include how the state designates Class I, Class II, and Class III Highways.

Section 43-5 was revised by:

- listing the criteria used to designate National Network routes,
- including a web-link to the Designated State Truck Route System map, and

- including a table with the Federally-designated non-interstate routes in Illinois on the National Network.



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