



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

## BDE PROCEDURE MEMORANDUM

NUMBER: 12-10

SUBJECT: BDE Manual Revision – Chapters 31, 44, 45, and 47

DATE: September 14, 2012

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Chapters 31, 44, 45, and 47 of the BDE Manual have been revised to be current with the 2010 *Highway Capacity Manual*. Please see Chapters 31, 44, 45, and 47 of the BDE Manual on-line to view the revisions.

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### Background

Section 31-4. The section title was changed to “Capacity Methodology” and subsections were revised as follows:

- Section 31-4.01, Definitions. The definitions were revised to be current with the 2010 *Highway Capacity Manual* (HCM).
- Section 31-4.04, Level of Service. The level of service definition was revised to be compatible with the text.
- Section 31-4.05(a), Objectives. The text was revised to incorporate current capacity definitions.
- Figure 31-4.B. The title of the figure was changed to be current with capacity definitions and some of the facility type service measures were corrected.
- Section 31-4.06, Service Flow Rate. The title of the section was revised to be current with the HCM. The method used to determine service flow rates in the geometric design criteria tables in Part V of the BDE Manual was revised and more thoroughly explained according to the procedures in the HCM.

Sections 44-5, 45-4, 47-2, and 47-3. The geometric design criteria figures were changed to include the revised service flow rates. The revised service flow rates were calculated according to the method discussed in Section 31-4.06.

Engineer of Design and Environment \_\_\_\_\_

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