



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

BDE PROCEDURE MEMORANDUM

NUMBER: 11-11

SUBJECT: BDE Manual Revision – Chapters 16, 24, 25, and 26

DATE: June 14, 2011

Chapters 16, 24, 25, and 26 have been revised due to a July 13, 2010 final rule from the FHWA on highway traffic noise and construction noise. See Chapters 16, 24, 25, and 26 of the BDE Manual on-line to view the revisions.

Background

On July 13, 2010, the FHWA published a final rule in the Federal Register on “Procedures for Abatement of Highway Traffic Noise and Construction Noise” updating 23 CFR Part 772. Key changes made by the rule include:

- New noise definitions were added.
- The Noise Abatement Criterion Table (Figure 26-6A) was reorganized to more appropriately group land uses by impact criteria and to distinguish between interior and exterior evaluation areas.
- Abatement measures for Feasibility and Reasonableness were updated. The reasonableness factor, with a base cost of \$24,000 per benefited receptor, was adjusted up to a maximum allowable noise abatement cost of \$37,000 per benefited receptor.
- The requirements for obtaining the viewpoints of benefited receptors were defined, and
- Coordination requirements with local officials for undeveloped/unpermitted lands were further outlined.

To comply with the final rule, the following revisions have been made to the BDE Manual:

Section 16-1.04(b) - This section has been modified as per the new rule and states that new rest areas or improvements to existing rest areas may be considered a Type I project and a noise analysis may be required.

BDE PROCEDURE MEMORANDUM 11-11

June 14, 2011

Page 2

Section 24-3.03(e)6 - The noise portion of the Environmental Assessment chapter has been revised. This section now directs readers to Section 26-6 of the BDE Manual and the newly revised *IDOT Highway Traffic Noise Assessment Manual*, which provides guidance on conducting a traffic noise analysis.

Section 25-3.08(g) - The noise portion of the Environmental Impact Statements chapter has been revised. This section now directs readers to Section 26-6 of the BDE Manual and the newly revised *IDOT Highway Traffic Noise Assessment Manual*, which provides guidance on conducting a traffic noise analysis.

Section 26-6 - This section has been completely revised.

On April 1, 2011 the FHWA approved IDOT's revised noise policy, and in order to make this policy transition as seamless as possible, training will be given to district and FHWA personnel as well as consultants. The training will be held June 29, 2011 in the Hanley Building in Springfield, IL beginning at 10:00AM.

Engineer of Design and Environment _____

Scott E. Smith