



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

BDE PROCEDURE MEMORANDUM

NUMBER: 21-09

SUBJECT: BDE Manual Revision – Chapter 53

DATE: November 4, 2021

Chapter 53 of the BDE Manual has been revised to incorporate Longitudinal Joint Sealant (LJS) in the design guidelines for hot-mix asphalt. Please see the BDE Manual on-line to view the revisions.

Background

In 2018, the Department began using an 18 in. (450 mm) wide application of bituminous material to improve the performance of centerline and lane-to-lane joints in hot-mix asphalt. The usage guidance for the material was contained in the cover memo of the BDE Special Provision, "HMA - Longitudinal Joint Sealant". With the incorporation of this special provision into the 2022 Standard Specifications for Road and Bridge Construction, the design guidance has been placed in Section 53-4.04(g) of the BDE Manual.

A handwritten signature in blue ink, reading "Jack A. Elston", positioned above a horizontal line.

Jack A. Elston, P.E.
Bureau Chief
Bureau of Design and Environment