



Illinois Department of Transportation

Memorandum

To: ALL BRIDGE DESIGNERS 19.5
From: D. Carl Puzey *D. Carl Puzey*
Subject: AASHTO 8th Edition Updated Design Guides
Date: June 3, 2019

The following Bridge Manual (BM) Design Guides have been updated to be consistent with the 8th Edition of the AASHTO LRFD Bridge Design Specifications and current IDOT policy:

BM 3.2.1	LRFD Deck Design
BM 3.2.11	LRFD Slab Bridge Design
BM 3.3.4	LRFD Composite Steel Beam Design (for Straight Bridges)
BM 3.3.9	LRFD Stud Shear Connector Design (for Straight Bridges)
BM 3.3.21	LRFD Bolted Splice Design
BM 3.5	LRFD PPC Deck Beam Design

Due to the extensive changes to the LRFD code and IDOT policy, a summary of major changes has been added to the cover sheet of each design guide.

The following Culvert Manual (CM) Design Guides are consistent with the 8th Edition of the AASHTO LRFD Bridge Design Specifications and current IDOT policy:

CM 3.4	Culvert Loads
CM 3.5	Culvert Flexure
CM 3.5.12	Culvert Shear

Bridge designers may use these design guides to help interpret IDOT and AASHTO policy for projects requiring use of the 8th Edition of the AASHTO LRFD Bridge Design Specifications.

The design guides are available at the following website:

<http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Bridges/Design/All%20Design%20Guides.exe>.

If you have any questions, please contact Mark Shaffer at (217) 785-2914.

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