

**LRFD Bridge Design Manual Update ~ July 1, 2025**

<b>BDM Articles Updated</b>	<b>Description of BDM Update</b>	<b>Implementation Date</b>
H and RS Signed Standards Note  1.2, 1.8.1.1, 1.8.14, 1.9.7, 1.14.1, 5.1.1, 3.2, 3.6, deleted 3.6.1.2 to 3.6.1.5 and renumbered 3.6.1.6 to 3.6.1.8 and commentary, 3.8, 5.3.1.1, 5.3.2, 5.3.4, 5.3.4.1, 5.3.4.2, 5.4, C5.4, 5.7.1.1, 5.7.2.6, 5.8.1.2.1.1, 5.8.5.2, 6.5.1.1.1, 6.5.2.2, 6.6.4.2.1, 6.6.4.2.1.1, 6.6.4.2.1.2, 6.6.4.2.1.3	The signed H40-06, H40-14, H44-07, H44-14, and RS40-10 standards will no longer be supported and shall no longer be specified for use on the state transportation system. State projects with a completed or near completed B01 (TSL) or further in development can continue to make use of these standards. Currently, it is expected local systems will continue supporting and using the signed H24 and H30 standards.	July 1, 2025
A, B, C, and D AASHTO Beam Working Standards Note  3.6, new 3.6.1.2, 5.2.1.1, 5.2.4.1.2, 5.3.2.1, multiple articles in 5.4 and C5.4, 5.7.1.1, 6.5.1.1.1, 6.5.4.1.2, 6.5.4.2.1, 6.5.4.3.1	The A, B, C, and D AASHTO beam working standards will no longer be supported and shall no longer be specified for use on the state transportation system. State projects with a completed or near completed B01 (TSL) or further in development can continue to make use of these working standards. Currently, it is expected local systems will continue supporting and using the A, B, C, and D beams particularly in conjunction with the H24 and H30 standards.	July 1, 2025
General Update to Multiple Articles	AASHTO article references in BDM article headings were moved from the heading to immediately below the heading to eliminate issues with automatically generating the table of contents in Microsoft Word.	July 1, 2025
Preface, 1.4.1, 6.6.4.1.1.1, 13.3.2	Adopted 2024 AASHTO LRFD BDS 10 <sup>th</sup> Edition. Update CADD Note E50E to specify the 2024 AASHTO LRFD BDS 10th Edition.	July 1, 2025
Preface and Commentary	Moved language about 2024 updates related to lap and development length, new deck thickness, and MASH rail from Preface to the Commentary for a historical record.	July 1, 2025
Preface	Updated contact for aesthetic issues to Matthew Gordy.	July 1, 2025
3.6, 3.6.1.1, 3.6.8, 5.6 and multiple sub	The three span J40-25 continuous concrete slab (CCS) bridge standards accommodate MASH	July 1, 2025

articles, 5.8.1.2.1.1, 5.8.1.2.1.2, 5.8.6.1.1, 5.8.6.1.2, 6.5.1.1.1, 6.5.4.1.2	railings. The J44-06/J44-14 standards have not yet been updated for the new MASH railings, but the anticipated release is likely to be no later than January 1, 2026. References to the J24 and J30 standards have been removed.	
5.1.1	Removed comment about transition to AASHTO LRFD Specifications.	July 1, 2025
5.2.4.1.2, 5.6.1.4.1.2, 12.1.9.1.2	Update fiber reinforcement bid items and references. Add fiber reinforcement requirements for CCS bridges.	July 1, 2025
5.8.1.2.2, 5.8.1.2.3, 5.8.1.2.4, 5.8.1.2.5	Clarified application of pass-through restrictions related to pedestrian railings.	July 1, 2025
5.8.1.2.2, 5.8.1.2.3	Clarified vertical clearance requirements for curved-top fencing.	July 1, 2025
5.8.1.2.4	Updated to indicate standard details are available for the BMBR separation railing as CADD Standard 1028A, 1028SA, and 1029-BHR.	July 1, 2025
5.8.1.2.5	Clarified limitation on Texas Classic rail for use with a steel bicycle railing attachment.	July 1, 2025
5.8.1.2.5	Referenced Iowa DOT DM Section 8A-6 for ZOI requirements.	July 1, 2025
5.8.5	Modified article heading from “Reinforcement protection” to “Reinforcement”.	July 1, 2025
5.8.5.2	Stainless steel requirement between barrier rail to bridge deck/wing connections for all state-owned bridges.	July 1, 2025
5.8.5.3, 5.2.4.1.1.8, 5.2.4.1.2, 5.4.1.4.1.7	Added new article addressing reinforcement type and grade. Addressed use of 80 ksi rebar.	July 1, 2025
9.1.1, 9.2, 9.4.2, 9.4.3, 9.4.4, 9.5.5.1	Updated title Aesthetic Bridge Specialist to Bridge Aesthetics Coordinator.	July 1, 2025
9.1.4	Added VCF abbreviation.	July 1, 2025
9.1.5	Added reference to “Aesthetic Bridges Visual Reference Library”.	
9.4.2, 9.4.3, 9.4.4., 9.4.5	Modified enhancement budget percentages and additional cost estimating guidance.	July 1, 2025
9.5.3.11	Corrected caption for Figure 9.5.3.11	
9.5.5.2, 9.5.5.3, 9.5.5.4, 9.5.8, 9.5.9.2, 9.5.9.3, 9.5.9.4, 9.5.9.6, 9.5.9.8.1, 9.5.9.8.3, 9.5.9.8.4, 9.5.10.2, 9.5.11.1, 9.5.11.2	Added photographic figures.	
9.5.9.2	Minor text correction.	July 1, 2025
9.5.10.6	Added clarifying language about vapor permeability and application timing.	July 1, 2025
9.8	Removed references to AASHTO LRFD section 2.5.5, which has been omitted from the 2024 10 <sup>th</sup>	July 1, 2025

July 1, 2025 MN

	Edition. Added reference to the “Can-Do Process”, Iowa DOT Policy No. 500.02.	