

ENGINEERING DIRECTIVE

Carrie Lavallee, P.E. (signature on original)

CHIEF ENGINEER

MassDOT Bridge Manual – Hundredth Anniversary Edition

Effective June 1, 2024, the *MassDOT Bridge Manual, Parts I, II, & III Hundredth Anniversary Edition*, shall be the standard for bridge design projects to be advertised by the MassDOT Highway Division and shall supersede all previous editions of the MassDOT Bridge Manual.

The *Hundredth Anniversary Edition of the Bridge Manual* is available on mass.gov. All Chapters of Parts I, II & III are available in PDF format. In addition, AutoCAD files for detail drawings in Parts II & III are available for use, with editing, for the preparation of bridge construction drawings. AutoCAD files for full standard bridge details sheets, including the S3-MTL4 Bridge Rail, the CM-MTL3 Bridge Rail, standard protective screens and highway guardrail to bridge rail transitions are also available for use.

The *Hundredth Anniversary Edition of the Bridge Manual* must be used for all bridge designs started after May 31, 2024, and for all active bridge designs that are at Sketch Plan phase or earlier as of June 1, 2024. However, active projects that have progressed beyond Sketch Plan phase as of June 1, 2024, in accordance with previous design guidelines and details, need not be totally revised to conform with the *Hundredth Anniversary Edition of the Bridge Manual*. For these projects, the State Bridge Engineer will determine which details of the *Hundredth Anniversary Edition of the Bridge Manual* will need to be incorporated into the design plans on a project-by-project basis.