



DESIGN MANUAL, PART 4 – STRUCTURES

Design Manual, Part 4 – Structures (DM-4) is part of a series of Department design manuals which have the specific objective of obtaining uniformity and establishing standard policies and procedures in the preparation of design and construction plans for highway structures. The DM-4 design specifications have precedence over the AASHTO LRFD Bridge Design Specifications which shall govern where applicable, except as specifically modified by the DM-4.

DECEMBER 2019 EDITION

- ▶ *adopts and modifies AASHTO LRFD Bridge Design Specifications, Eighth Edition (2017)*
- ▶ *effective for projects with TS&L approval after June 30, 2020*

- [Initial Release \(December 30, 2019\)](#)

Strike-Off Letters: [483-20-02](#), [483-22-01](#), [483-23-02](#), [483-23-03](#)

- [Annotated Version](#)* (updated May 18, 2023)

APRIL 2015 EDITION

- ▶ *adopts and modifies AASHTO LRFD Bridge Design Specifications, Seventh Edition (2014)*
- ▶ *effective for projects with TS&L approval from July 1, 2015 to June 30, 2020*

- [Initial Release \(April 30, 2015\)](#)

Strike-Off Letters: [495-17-07](#), [483-17-05](#), [481-18-03](#), [483-18-03](#), [483-19-02](#)

- [Annotated Version](#)* (updated March 28, 2019)

MAY 2012 EDITION

- ▶ *adopted and modified AASHTO LRFD Bridge Design Specifications, Fifth Edition (2010)*
- ▶ *effective for projects with TS&L approval from July 1, 2012 to June 30, 2015*

- [Initial Release \(May 17, 2012\)](#)

Strike-Off Letters: [432-12-04](#), [431-12-08](#), [483-13-01](#), [483-13-08](#), [483-13-09](#), [483-13-12](#), [482-13-21](#), [483-13-14](#), [483-13-15](#), [482-13-27](#), [483-13-16](#), [482-14-11](#), [483-14-03](#), [483-14-04](#), [483-14-08](#), [481-15-01](#)

- [Annotated Version](#)* (updated March 6, 2015)

* annotations indicate where Strike-Off Letters have made changes to the manual; the revisions, however, are not incorporated.

SEPTEMBER 2007 EDITION

- ▶ *adopted and modified AASHTO LRFD Bridge Design Specifications, Third Edition (2004)*
- [Initial Release \(November 2, 2007\)](#)
 - ▶ *effective for projects with TS&L approval from December 1, 2007 to December 31, 2009*Strike-Off Letters: [431-08-02](#), [431-08-04](#), [431-08-14](#), [431-09-04](#), [431-09-06](#), [431-09-07](#), [431-09-08](#), [431-09-10](#)
- [Change No. 1 \(December 2, 2009\)](#)
 - ▶ *effective for projects with TS&L approval from January 1, 2010 to June 30, 2012*Strike-Off Letters: [431-10-06](#), [431-11-04](#), [431-11-06](#), [431-11-08](#), [431-11-09](#)