



Oregon  
Tina Kotek, Governor

**Department of Transportation**

Bridge Engineering Section  
555 13th Street NE  
Salem, Oregon 97301  
Phone: (503) 986-4200  
Fax: (503) 986-3407

April 30, 2025

To: Users of Oregon DOT Bridge Design Manual

**Subject: Revisions to the ODOT Bridge Design Manual**

The BDM has been updated with multiple technical revisions. See the attachment for an update summary. The revised BDM and format guide are being released in web-based Acrobat files, which can be accessed at the following web site:

<http://www.oregon.gov/ODOT/Bridge/Pages/Bridge-Design-Manual.aspx>

The revised BDM can be viewed from the site or downloaded and printed. The documents are also available on Projectwise.

These revisions apply to new design projects as of the effective date of July 1st, 2025. New projects for in-house designs are those that do not have an approved DAP by the effective date. New projects for outsourced projects are those that do not have an executed work order contract for PE. However, existing projects may make use of these revisions, if agreed to by the Agency Project Manager or Project Team Leader.

We would like to thank the many people who provided comments and suggestions for this BDM update. Please send comments or suggestions for the October 2025 BDM to Emily Clyburn at: [emily.clyburn@odot.oregon.gov](mailto:emily.clyburn@odot.oregon.gov)

Raymond BOTTENBERG  
Raymond BOTTENBERG (Apr 25, 2025 14:34 PDT)

Raymond Bottenberg  
State Bridge Engineer

Attachment: BDM Update Summary April 2025

April 2025 Update  
[ODOT Bridge Design Manual](#)  
**Update Summary**

The following revisions are in reference to current BDM section numbers:

**Section 1 – Design Standards and Practices**

- 1.2.9.2 Revised structure naming requirements for Bridge ID markers.
- 1.2.7.1 Moved to Section 1.2.10.
- 1.2.10 Revise ADA language to align with 2025 ODOT Highway Design Manual.  
Move BDM Appendix B & C to the ODOT Highway Design Manual.
- 1.3.4.1 Revised Jacking Load Table to be clearer regarding loading cases.  
Removed requirement to include lateral loads in jacking table.
- 1.3.6 Revised Zones of Intrusion figures to reflect MASH.
- 1.5.1.1 Revised lightweight concrete unit weight from 0.090-0.135 kcf to 0.110-0.135 to align with AASHTO definitions.
- 1.5.2.2 Created new section to address design guidance on pigmented sealers.  
Aligns with new language in 00540.
- 1.5.6.1 General information and WashDOT girder shape.
- 1.5.6.2.4 Continuous deck reinforcement.
- 1.5.11.2.4 Revised notes to replace “Provide” with Furnish” to align with Specs.
- 1.6.1.4 Updated preliminary design reference for steel girders.
- 1.6.2.11 Defined cross frame designs with SDC D.
- 1.9.3.1.5 Require a design deviation when using an MPCO.
- 1.10.5.4.2 Clarify notes on HP pile sections.
- 1.11.3.5 Seismic reinforcing details clarifications.
- 1.12.6.1 Revised language from “provisions for” conduits to “furnishing conduits”  
for future utility installations.
- 1.14.1.4 Reformatted to two columns and rewrote section.
- 1.14.1.7 Reformatted to two columns and revised bearing schedules.
- 1.17.1 – 1.17.2.6 Reformatted to two columns.

**Section 2 – Processes**

No Changes