



Office of Engineering
Project Development Division
Bridge Design Section
PO Box 94245 | Baton Rouge, LA 70804-9245

John Bel Edwards, Governor
Shawn D. Wilson, Ph.D., Secretary

MEMORANDUM

TO: ALL BRIDGE DESIGNERS - IN-HOUSE AND CONSULTANTS

FROM: ZHENGZHENG “JENNY” FU, P.E.
BRIDGE DESIGN ENGINEER ADMINISTRATOR

SUBJECT: BRIDGE DESIGN TECHNICAL MEMORANDUM NO. 105 (BDTM.105) -
PUBLICATION OF NEW STANDARD PLANS – MISC. SPAN DETAILS

DATE: July 1, 2021

Effective immediately, use the new Misc. Span Details Standard Plan with Chief Engineer signature date of May 12, 2021 for all projects with a letting date of January 12, 2022 and beyond. The Standard Plan has been published to the Department Standard Plans website and to ProjectWise.

The new Misc. Span Details Standard Plan is the result of converting the recent Misc. Span Details Special Details in accordance with EDSM I.1.1.2.

Noteworthy updates in the new Misc. Span Details include the following:

1. Notes have been updated.
2. Sections showing deck drains have been updated to show the 36-in single slope barrier.
3. The 36-in single slope barrier case has been added to the sealed expansion joint details.
4. The plan view showing the layout of the joint in skewed bridges for both sealed expansion joints has been updated to reflect joint skew limits between the two exterior girders instead of the two gutter lines as has historically been the case.
5. Preformed silicone seal detail has been differentiated for prestressed precast concrete girder and steel girder bridges.
6. End dam stabilizer detail for preformed silicone joints has been differentiated for prestressed precast concrete girder and steel girder bridges.

This technical memorandum is posted on the LA DOTD Website under [Inside La DOTD > Divisions - Engineering > Bridge Design > Technical Memoranda – BDTMs.](#)

Please contact Kelly Kemp (kelly.kemp@la.gov or 225-379-1809) if you have questions or comments.

ZZF/kmk/ys

Attachment

c: Christopher P. Knotts (Chief Engineer)
Chad Winchester (Chief, Project Development Division)
Vince Latino (Assistant Secretary of Operations)
David Miller (Chief Maintenance Administrator)

Nick Fagerburg (Bridge Maintenance Administrator)
Michael Vosburg (Chief Construction Division Engineer)
Brian Owens (Construction Engineer Administrator)
Joe Umeozulu (Acting Project Management Director)
Chris Nickel (Pavement and Geotechnical Engineer Administrator)
David Smith (Road Design Engineer Administrator)
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District Administrators and ADAs of Engineering and Operations
District Bridge Engineers and Area Engineers