

Memorandum

*Serious drought.
Help Save Water!*

To: STRUCTURE POLICY BOARD
Division of Engineering Services

Date: October 29, 2014

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MTD20-7 Attach D.doc



From: DOLORES VALLS
Deputy Division Chief, Interim
Structure Policy and Innovation
Division of Engineering Services

Subject: MEMO TO DESIGNERS 20-7: SEISMIC DESIGN OF CAST-IN-PLACE SLAB BRIDGES

This new memo provides guidance for designing cast-in-place slab bridges for earthquakes. Bridge Design Aids (BDA) 4-10 "Design of Standard Slab Bridges" has tables for designing slab bridges but they do not include the requirements specified in Caltrans Seismic Design Criteria for slab bridges.

The requirements of MTD 20-7 apply to all projects that have not reached Milestone 275 "General Plan Distribution". Exceptions to implementing this memo must be approved per the process defined in MTD 20-11 "Establishing Bridge Seismic Design Criteria".

The Caltrans' current suite of bridge design software is unaffected by the guidance contained in MTD 20-7.

For questions or concerns on application to a specific project, consultants/local agencies should contact the appropriate DES Liaison Engineer. Caltrans staff may contact Mark Yashinsky at (916) 227-8719.

c: Tim Craggs, Chief – Division of Design
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