

Memorandum

*Serious drought.
Help Save Water!*

To: STRUCTURE POLICY BOARD
Deputy Division Chiefs
Division of Engineering Services

Date: June 19, 2017

File:

From: Thomas A. Ostrom *T.A.O.*
Chief, Structural Policy and Innovation
Division of Engineering Services

Subject: **UPDATE TO MEMO TO DESIGNER (MTD) 23-1 "BURIED REINFORCED CONCRETE BOX STRUCTURES"**

The new MTD 23-1 provides policy and guidance for the design of buried reinforced concrete box (RCB) structures using *AASHTO LRFD Bridge Design Specifications* and *California Amendments* (AASHTO LRFD-BDS-CA). It replace the last versions of MTD 23-1 released in December 1992 and March 1998.

This memorandum provides Caltrans supplemental *requirements* and direction for designing and installing new buried RCB structures by cut-and-cover method. It provides direction for determining the load capacity of an existing RCB and considerations for extensions.

For questions or concerns on this memo, consultants/local agencies should contact the Structure Liaison Engineer. Caltrans staff may contact Carl Duan, Technical Specialist for Culverts and Underground Structures, at (916) 227-5980.

c: Chief – Division of Design
Chief – Division of Local Assistance
Chief – Structure Maintenance and Investigation
Chief – Division of Engineering Services
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