

## Memorandum

*Serious drought.  
Help Save Water!*

**To: STRUCTURE POLICY BOARD**  
Division of Engineering Services

**Date:** April 11, 2016

**File:**

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**Subject: UPDATED MEMO TO DESIGNERS (MTD) 20-9: SPLICES IN BAR  
REINFORCEMENT STEEL**

MTD 20-9 provides design guidance for the reinforcement steel splice requirements stipulated in Caltrans Seismic Design Criteria (SDC) and the Standard Specifications. This memo addresses performance requirements for splices in longitudinal and transverse reinforcement in “seismic-critical,” “capacity protected,” and “non-seismic critical” members which are defined in the SDC.

This updated version of MTD 20-9 addresses the following minor revisions:

1. In Table 1 the no splice zone for Type II Shaft was changed from top 15’ to 20’.
2. In Section 4 for Case 2: Single Column Bent on an Enlarged (Type II) Shaft, a statement about waiving testing for Ultimate Butt Splices was removed.
3. In Section 4 for Case 5: Multi-Column Bent on Enlarged (Type II) Shaft, the no splice zone for Type II Shaft was changed from top 50’ to 20’.
4. In Attachment A, Column CIDH Detail No. 2, the note that “only staggered Ultimate Butt Splices are allowed” was removed.

All of these changes are minor corrections and clarifications for Type II Shafts.

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.

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