




MEMO

October 23, 2013

To: District Engineers

From: Mark A. Marek, P.E. 
Director, Design Division

Subject: Revised Roadway Standards

The following changes have been made to the roadway standard sheets.

The sheets will be applicable to all new construction projects beginning with the May 2014 letting. The use of these sheets prior to that date is at the option of the district. The new standards are available from the Roadway Standards web page in Microstation® "dgn". See <http://www.dot.state.tx.us/business/standardplanfiles.htm>. Please distribute this information to the appropriate district staff and area offices, as well as consulting engineers working on TxDOT projects.

The following represents a summary of the individual sheet changes:

CRCP(1)-13 (2 sheets). CRCP(1)-13 replaces CRCP(1)-11 and CRCP(1A)-12.

Sheet 1 of 2:

- Removed slab thicknesses of 6.0 in. and 6.5 in.
- Rearranged details on the sheet.
- Removed "FREE LONGITUDINAL JOINT DETAIL" (shown on sheet 2 of 2).
- Notes numbers 2, 4, and second sentence of 11 are new.
- Existing notes 7 and 11 on CRCP(1)-11 were deleted.
- Note number 9 has been revised and additional information added.

Sheet 2 of 2:

- Table No. 1 is now Table No. 1A "LONGITUDINAL STEEL FOR LOW CTE CONCRETE AS APPROVED BY THE ENGINEER"
- Removed slab thicknesses of 6.0 in. and 6.5 in.
- Deleted Table No. 2 (shown on sheet 1 of 2).
- Deleted "TYPICAL PAVEMENT LAYOUT", "TRANSVERSE CONSTRUCTION JOINT SECTION X-X", "LONGITUDINAL CONSTRUCTION JOINT SECTION Y-Y", and "LONGITUDINAL CONTRACTION JOINT SECTION Z-Z" details (shown on sheet 1 of 2).
- Added "EXAMPLES OF LAP CONFIGURATION" details.
- Added "TRANSVERSE TIE JOINT DETAIL (EXISTING CRCP TO NEW CRCP)".
- Added "LONGITUDINAL WIDENING JOINT DETAIL".
- Added "TRANSVERSE EXPANSION JOINT DETAIL AT BRIDGE APPROACH".
- Removed all existing general notes shown on CRCP(1A)-12.

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CRCP(2)-13 (2 Sheets). CRCP(2)-13 replaces CRCP(2)-11 and CRCP(2A)-12.

Sheet 1 of 2:

- Rearranged details on the sheet.
- Removed "FREE LONGITUDINAL JOINT DETAIL" (shown on sheet 2 of 2).
- In Table No. 1, clarified heading on steel mats.
- Added Table No. 2.
- Table No. 3 was formally Table No. 2 and heading clarified for height of steel mats.
- Notes numbers 2, second sentence of 3, 4, and second sentence of 11 are new.
- Existing notes 7, 8, 9, and 13 on CRCP(2)-11 were deleted.
- Note number 9 has been revised and additional information added.

Sheet 2 of 2:

- Table 1 is now Table No. 1A "LONGITUDINAL STEEL FOR LOW CTE CONCRETE AS APPROVED BY THE ENGINEER"
- Deleted Table No. 2 (shown on sheet 1 of 2 as Table No.3).
- Deleted "TYPICAL PAVEMENT LAYOUT", "TRANSVERSE CONSTRUCTION JOINT SECTION X-X", "LONGITUDINAL CONSTRUCTION JOINT SECTION Y-Y", and "LONGITUDINAL CONTRACTION JOINT SECTION Z-Z" details (shown on sheet 1 of 2).
- Added "EXAMPLES OF LAP CONFIGURATION" details.
- Added "TRANSVERSE TIE JOINT DETAIL (EXISTING CRCP TO NEW CRCP)".
- Added "LONGITUDINAL WIDENING JOINT DETAIL".
- Added "TRANSVERSE EXPANSION JOINT DETAIL AT BRIDGE APPROACH".
- Removed all existing general notes shown on CRCP(2A)-12.

TA(CP)-99. TA(CP)-99 is deleted and not replaced. The transverse expansion joint details at bridge approaches are shown in sheet 2 of 2 of CRCP(1) and CRCP(2) -13, therefore the TA(CP)-99 standard is not needed.

If you have any questions or need additional information concerning these standard details, please contact Andy Naranjo, P.E., Rigid Pavements and Concrete Materials Branch Manager, Construction Division, at (512) 506-5858.

CC: Administration
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Maintenance Division
Traffic Operations Division
Federal Highway Administration