



MEMORANDUM

TO: District Engineers
FROM: Mark A. Marek, P.E. *mm*
SUBJECT: New Roadway Standards

DATE: August 22, 2012

New sheets have been developed for Continuously Reinforced Concrete Pavements with very low thermal expansion concrete. The new standards are only applicable when using coarse aggregates to produce concrete with a coefficient of thermal expansion (CTE) no greater than 4.0×10^{-6} in/in/°F.

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(1A)-12 CRCP(1A)-12 is a modification of CRCP(1)-11. General Notes a. and b. are new and describe the standard use limitation and the supplied aggregate source approval. The steel bar spacing listed in Table No. 1 have been modified.

CRCP(2A)-12 CRCP(2A)-12 is a modification of CRCP(2)-11. General Notes a. and b. are new and describe the standard use limitation and the supplied aggregate source approval. The steel bar spacing listed in Table No. 1 have been modified.

CRCP(1A)-12 and CRCP(2A)-12 are not required but may be used as alternates when CRCP(1)-11 or CRCP(2)-11 are being specified.

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

cc: Administration
Audit Office
Bridge Division
Construction Division
General Services Division
Maintenance Division
Strategic Projects Division
Traffic Operations Division
Federal Highway Administration
District Pavement Engineers
District Design Engineers