



Florida Department of Transportation

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JIM BOXOLD SECRETARY

September 15, 2015

DCE MEMORANDUM NO. 17-15 (FHWA Approved: 9/14/2015)

This Memo has expired

TO: DISTRICT CONSTRUCTION ENGINEERS
FROM: David A. Sadler, P.E., Director, Office of Construction
COPIES: Tom Byron, Amy Tootle, Bob Burleson, Nick Finch, Rafiq Darji
SUBJECT: UNREINFORCED CONCRETE BARRIER WALLS - DISPOSITION OF CRACKS

Specification 521-7 states, "Cracks in unreinforced, plain concrete barrier walls as detailed in Design Standards, Index No. 410 do not require repair unless directed by the Engineer." To promote consistency, the following is provided for the repair of such walls. While project specific aesthetics require may necessitate additional treatments, the table below is to be used when determining the disposition of cracks in cast-in-place or slip-formed unreinforced concrete barrier wall.

Table with 2 columns: Crack Width (x, in inches) and REMEDIAL ACTION. Rows include: x <= 0.125 (No Treatment), 0.125 < x <= 0.375 (Silicone Seal), x > 0.375 (Remove and replace or repair as directed by the Engineer). Includes footnotes (1), (2), and (3).

If you have any questions, please call Dan Hurtado at 850-414-4155. DAS/dh