

4002103 CONCRETE STRUCTURES
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Keith Waugh
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Comment: (12-17-13)

I don't have a problem with what is written here, but we should also address payment. 400-21.5 says no compensation "when the Engineer determines the cause to be the responsibility of the Contractor." Determining the cause of a crack is not always that easy to do, and if all specifications regarding placement of steel and concrete, and curing of the concrete have been done correctly, sealing of cracks should be considered extra work.

Response: This comment is not related to the language being revised; however, the text that is commented on has been in effect for many years and the Department is not aware of problems with its implementation.

No change made.

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Comment: (1-2-14)

Revision does not seem to explicitly cover segmental box girders.

Response: Agree and the Department is planning to address segment defects including cracks more clearly in Section 452 in the near future.

No change made.

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Comment: (12-2-14)

The depth of a majority of cracks are difficult to determine without coring. Is the spec intended for the engineer to determine the crack type without coring? If coring is required how will this be paid for? Or better yet who?

Response: 400-21.2 states that the Engineer, by exercising judgment, will determine what the depth of a crack is by either coring or by probing at his option. CPAM 10.3 provides a detailed explanation about how this is to be done. If the Engineer determines that the cracks were caused by the Contractor, then the Contractor will likely pay. If the Engineer determines that the cracks were not caused by the Contractor, then the Department will likely pay. The ultimate determination of who pays may be resolved through the claim process.

No change made.
