

**RESPONSE TO COMMENTS RECEIVED FROM INDUSTRY FOR
400125 - Concrete Structures – Finishing Concrete.**

Bob Graham

File: 4001525 – Concrete Structures – Finishing Concrete
Username: Bob Graham
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Date: Monday, March 14, 2005
Time: 08:34:37 AM

Comments:

I would like to see a separate pay item for the grinding and grooving work. I think one already exists for concrete paving. Can this same item be used for bridges?

Response: If a bridge is only to be grooved, the existing pay item will be used. If a bridge is to planed and grooved, a single new pay item will be used that incorporates both operations.

J.C. Miseroy

File: 4001525 – Concrete Structures – Finishing Concrete
Username: J.C. Miseroy
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Date: Tuesday, March 15, 2005
Time: 10:07:25 AM

Comments:

It seems that the Specification sections referenced for finishing short bridges and long bridges are reversed. The finishing requirements for short bridges are for 400-15.2.5.2 & 4, which discuss plastic finish and smoothness evaluation. The finishing requirements for long bridges refer to 400-15.2.5.3 & 15.2.5.5. These sections are for the 10 foot stright edge and Grooving.

Response: If I understand the comment correctly, the references in the revised spec are in agreement with the supplemental spec 400. The reviewer may not have had the supplemental spec and may have been looking at the Spec 400 in the spec book which does have different applicable paragraph numbers.

Jennifer Taylor

File: 4001525 – Concrete Structures – Finishing Concrete
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Date: Monday, March 21, 2005
Time: 11:36:55 AM

Comments:

"D5 Construction desires to eliminate the finishing of the bridge decks and require planing of all bridge decks over 100'."

Response: That is the goal. Over time the last sentence of the section could be omitted. The wording about the deck thickness is to accommodate design schedules versus specification development timetables. Some design jobs would not be properly designed for the new criteria so we had to write the spec to allow for a transition in the new criteria. Our new Guidelines require all structures that started in design after some time several months ago to use the new criteria which matches the request above.

Jovan Zepcevski

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Time: 11:30:35 AM

Comments:

After reviewing the proposed changes to the spec., I would have to disagree in changing it from 300 ft to 100 ft. If anything, it should be from 300 ft to 500 ft. Making a bridge, greater than 300 ft., meet the finish and smoothness requirements adds a lot of extra time to the contract time. A goal to all construction projects is to complete the work as quickly as possible to minimize impacts to the general public. Decreasing the minimum requirements for Class 4 Deck Finishing's will dramatically increase the contract time and, in turn, impacts to the public.

Response: This effort will result in another goal of the Department, quality. The bridge deck finishes have not been as good as they could be. There will be a time savings to the finishing of the deck due to the relaxation of the finishing of the wet surface. The planning and grooving can take place concurrent with other

project activities so this may not even be on the critical path. Even if it is, a few extra days is well worth years of better performance.

Jesse Ortiz

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Date: Wednesday, April 06, 2005
Time: 02:21:46 PM

Comments:

Would like to suggest combining the second and third sentences into one sentence, as follows:

"On Short Bridges (bridges and approach slabs having a combined length less than or equal to 100 ft [33 m]) and on Pedestrian, Trail and Movable Spans Bridges, meet the finish and smoothness requirements of 400-15.2.5.2 and 400-15.2.5.4. On Long Bridges (bridges and approach slabs having a combined length greater than 300 feet [100 m100 ft [33 m]]) and a top of deck concrete cover thickness of 2-1/2 inches [126 mm] or greater), meet the finish and smoothness requirements of 400-15.2.5.3 and 400-15.2.5.5."

The above would also eliminate the local definition of Miscellaneous Bridges, which includes Movable Spans and could be confusing.

Response: The issue of the 2 ½” deck thickness is in transition. Currently all bridges over 300’ have decks with 2 ½” cover. We are now designing bridges over 100’ to this new cover but some projects that were already under design will continue to be developed with 2” and not fit into these new criteria. The bridges currently under design between 100’ and 300’ are the issue.

The definition sentences will be condensed.