

4000000 Concrete Structures
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Keith Waugh
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Comments: (5-31-12)

1. No problem here with deleting 400-3. 400-56 Underdrain & Weepholes: I'm not a fan of referencing a specific Standard Index number. I believe that specification could be "Provide underdrains and weepholes in accordance with plan details and the standard indices."

Response: 400-56 was not my revision so that author should respond. Steven Plotkin,, This change was not a component of this revision, if you believe this is a change that should be done please submit through the proper procedure. No Change Made, Specs Office.

2. 400-10.3 Bearing Pads: Any remedial work to correct excessive pad deformations should be considered "extra work".

Response: Agree: will change. Change Made.

Miseroy, JC
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Comments: (6-1-12)

I agree with Keith, (above). On a Bid Build project the contractor should not be responsible for the cost of 'correcting any bearing pad deformations that at the time of inspection exceed 50% of the bearing pad thickness or that the Engineer predicts will exceed 50% of the bearing pad thickness during future high or low temperature periods'. The designer picks the bearing pad size, type, etc.

Response: Agree: will change. Change Made.

OHagan, David

Comments: (6-6-12)

400-10.3: The 50% deformation requirement should be for lateral deformations only. A 50% vertical deformation is not acceptable. Is the thickness to which the deformation is being held the loaded or unloaded bearing thickness?

Response: Agree: will change. Loaded. Change Made.

Calvin L. Johnson
Office of General Counsel

Comments: (6-14-12)

In spec. 400-10.3, last sentence, consider “This correction effort will be considered extra work paid in accordance with 4-3.” Otherwise, no changes/comments.

Response: Agree: will change. Change Made.

Hudson, Cheryl
850-414-5332

Comments: (6-15-12) **400-18 Cleaning and Coating Concrete Surfaces of Existing Structures.**

1) Suggest changing the title to *Cleaning of Existing Structures*, or *Surface Preparation of Existing Structures*. Coating is later in this section.

Response: Disagree. This spec tells the Contractor how to coat the structure after preparation by referring to another spec. The other spec does not apply to existing structures without the reference in 400-18. No Change Made.

2) Is it necessary to define what an existing structure is?

Response: Yes. This definition eliminates any question about what is meant by existing. No Change Made.

3) Extraneous wordy information, suggest covering just the preparation of the existing surfaces: “Where a Class 5 Applied Finish Coating is required on existing structures remove all existing coatings that are peeling, flaking or delaminating. Clean application areas using pressure washing equipment that produces a minimum working pressure of 2,500 psi measured at or near the nozzle. Do not damage or gouge uncoated or previously coated concrete surfaces during the cleaning operation. Clean until surface is free from efflorescence, grime, mold, mildew, oil, or any other contaminates that might prevent proper adhesion of the new coating.”

Response: Disagree. The detail makes it clear what the Department expects of the Contractor. No Change Made.

4) Is it necessary to tell them to apply the finish coating in accordance with... in this section. This is just about preparing existing surfaces for the coating. Coating is covered later in this section and in the plans/pay item.

Response: Yes, since it is not covered elsewhere for existing structures. No Change Made.

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Trey Tillander

Comments: (6-20-12)

Rather than renumber so many articles, recommend changing to: 400-3 Depth of Footing. Refer to Section 455, D. Spread Footings, for depth of footing.

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All Jobs

Response: I will leave this response to the specs office. Steven Plotkin.. Agree.. The spec will be changed to read, 400-3 Depth of Footing. Refer to Section 455, D. Spread Footings. Change Made.
