

4000000 Concrete Structures
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Keith Waugh
kwaugh@lewarecc.com

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:

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

Response:

Miseroy, JC
JC.Miseroy@gcinc.com

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:

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:

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:

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:

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

Response:

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:

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:

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.

Response:

Bettman, Katie
mailto:katie.bettman@dot.state.fl.us

Comment: (7-9-12) 400-2 specifies that Concrete shall meet the requirements of Sections 346 and 347. It can't meet both and I didn't think Section 400 applied to 347. 400-2 specifies that Epoxy Bonding Compounds shall meet the requirements of Sections 926 and 937. Again, they can't meet both.

One note at the bottom of 400-2 states, “**Use products listed on the Department's Qualified Products List (QPL).” This note is listed for Class 5 Applied Finish Coatings**

.....Section 975 and Galvanizing Compound**Section 562. I
don't see QPL items for either of these Sections.

Response:
