

COMMENTS FROM INDUSTRY REVIEW OF 4250000

Keith Waugh

From: Keith Waugh [mailto:kwaugh@lewarecc.com]
Sent: Monday, January 23, 2006 4:43 PM
Subject: RE: Proposed Specification - 4250000 Inlets, Manholes, and
Junction Boxes

Do they really want to reference specific index numbers in the
Specification Book? Odds are that the Index No. would change before
printing a new spec. book.

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425-1 first sentence, I suggest deleting the specific references to individual index
numbers ", Indexes 200, 201 and 210 through 235", and also adding "and the plans."
This would be necessary to cover project specific structures detailed in the plans and
would avoid the need to change the specification every time an new standard index was
added.

Helen Dull

4-3.2 – In second sentence “alt G” should be “Alt. G” grates.

Jennifer Taylor

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Section 425-1, last sentence ...CHANGE TO; Adjust structures shown in plans or
requiring adjustment for satisfactory completion of the work.

Section 3.1, inlet & outlet pipe ... if not by 449, 943, 945, or 946, including 947, 948 ...
then by what?

Bob Dion

Suggest you mention Section 449 in 425-5 precast Inlets, manholes and Junction Boxes

Daniel L. Cobb

"However, for outfall lines beyond the sidewalk or future sidewalk area, where no vehicular traffic will pass over the pipe, inlets, manholes, and junction boxes, compact backfill as required in 125-8.3."

The sentence above refers to 125-8.3 for compaction of backfill, but this section only addresses the different zones of pipe backfill.

Was it intended to include these structures and pipe beyond the sidewalk and not subjected to traffic with in the density exceptions as referenced in 125-9.2.2.?

David Schappel, PE

Please require the Engineer's approval of brick masonry. The criteria to allow brick needs to be the with the Engineer, not the Contractor. Soil and ground conditions largely determine the suitability of brick masonry, not the shape of the structure. High groundwater levels and acid soils may present long-term problems. Successfully sealing an old brick structure is often not feasible. The structure must be lined.

Roy Kohlier

My name is Roy Kohlier and I am with U.S. Foundry & Mfg. Corp. We are the manufacturers of the frame and grates used on FDOT projects.

In reference to "425-3.2 Gratings":

Galvanizing of Cast Iron grates is not a proper application and will not perform to FDOT standards. Galvanizing should only be used on the "structural steel" frames and grates and I would propose that the specification be edited to read as follows:

425-3.2 Gratings: Use gratings and frames fabricated from structural steel or cast iron as designated in the appropriate Design Standard. When "alt. G" grates are specified in the plans, provide structural steel grates that are galvanized in accordance with the requirements of ASTM A123.
