

Ghulam Mujtaba  
12/23/2002 01:22 PM

To: Richard J Kessler/SM/FDOT@FDOT, Susan Blazo/SM/FDOT@FDOT  
cc:  
Subject: Re: Industry review of the following: D4300011 - Pipe

Culverts  
and Storm Sewers - Method of Measurement.

Susan:

Rick has asked me to review the proposed specification. He will be off until the end of this year.  
The following are my comments:

1- Section 430-11.1 Second sentence

In the second sentence it is mentioned that "The plan quantity will be determined from the inside wall of the structure as shown in the plans, along the centerline of the pipe."

The above sentence does not describe the intended method of measurement. The plan quantity is based on both the length and transverse dimensions of the structures. For example for the pipe it is based its inside diameter and per each or per its length. I recommend the following modification as replacement of the proposed modification.

"For the purpose of the plan quantity, as specified herein, the structures are accepted based on either their numbers or lengths and their transverse dimensions. The transverse dimension of a pipe is its inside diameter. As shown in the plans, the transverse dimension of a trench is the distance between inside face to the inside face of the walls that are parallel to the centerline of the trench."

2- Sections 430-12.2 and 430-12.5 the word "etc" has been mentioned. I recommend that the word "etc" be replaced with the activity and type of incidental item that it represents.

Please advise if there are any questions.

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From: Pete Kelley [mailto:PKelley@superiorfla.com]  
Sent: Wednesday, November 27, 2002 7:56 AM  
To: bburleson@ftba.com  
Subject: Spec Change - Storm Drain Measurement

Bob - I have provided a couple of comments on this change that I hope you will find helpful.

COMMENTS:

This spec change will create an undue and unnecessary burden on design consultants, contractors, and CEI personnel by requiring the measurement from the center of a drainage structure to the inside wall of the pipe. Most, if not all, drainage plans provide a Station and offset to the center of a drainage structure. If measurement is not paid to the center of the box, design personnel will have to make best guess estimates of structure size and construction personnel need to measure this dimension to verify.

In addition, by paying for pipe from center to center of box, it helps compensate the contractor for pipe that is wasted due to cutting to fit the correct dimensions.

<<D4300011.doc>>  
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