

4300100 PIPE CULVERTS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Dan Hurtado
414-4155
Dan.hurtado@dot.state.fl.us

Comments: (7-7-15)

I have the following issues:

1. 430, 943 and 945, certification of material properties from the fabricator - Manufacturer Certifications are covered in 6-1.3.1. Cert process should be consistent with other Spec sections.

Response: Agreed. Change will be made to reference Section 6 for certification requirements.
Change made

2. 430-9.1 – Material samples should be provided to the Engineer. The Engineer will send them to SMO. How many samples? If one, it should read “a sample”.

Response: Change will be made to read “a sample” and provided to the Engineer. Does the CPAM need to be updated to include instructions to forward these samples to SMO?
Change made.

3. 430-3.2, 943-2 and 945-1 – Provide guidance to the Engineer. Do we want the CEI making these determinations? Should this be the responsibility of the Contractor to propose and the Engineer to approve?

Response: Agreed. Language has been modified to indicate that the Contractor may propose pipe gage for approval by the Engineer.
Change made.

4. 430-1 – Language Producer Plant QC is covered in Division I. Just say, “Obtain materials from a producer with an approved QC Plan”.

Response: The reference to obtain drainage products from a plant that is currently on the Department’s Production Facility Listing is already included.
No change made.

D5 Construction

Comments: (7-21-15)

1. 430-1 states that “Obtain pipe culverts and drainage products from a plant that is currently on the Department’s Production Facility Listing.”

Why we have a sampling requirements while we are using the plants that is currently on the Department’s Production Facility Listing?

Response: Sampling and testing is the method of material acceptance for 100-year design service life plastic drainage pipe. Sampling from projects is a method of QA.

No change made.

2. 430-9 has a sampling requirements. What size sample do they expect for us to carry to the State Materials Office?

Response: The sample size is described in the last sentence of the paragraph.
No change made.

3. (7-30-15) 430- “Obtain pipe culverts and drainage products from a plant.....with the loss of the plant’s qualification.” The suggested change repeats in section 430-1 what is already in section 449-1 of the current specification. Suggest leave as is or deleted the repeated phase. Just redundant and may cause confusion later when it’s changed in one place and not the other.

Response: I agree, the goal was to have 430 as the base for this language – we will change 449 to reference 430 for July 2016.
No change made.

Chad O. Rucks
772-429-4938
chad.rucks@dot.state.fl.us

Comments: (8-5-15
Suggest adding “High Density” prior to Polyethylene in the title to Section 430-9. This is recommended since HDPE is recommended in text of the section and the term “High Density” has been added earlier in the specification.)

Response: Agreed. Change made.

Jonathan Sickels
904-347-3311
jon.sickels@ads-pipe.com

Comments: (8-7-15)
430-9.1 Sampling Requirements only includes requirements for sampling plastic pipes from projects sites. All types of pipe should be sampled on the project to ensure compliance with the specifications.

Response: Due to the difference in materials and relatively shorter history of plastic pipes with the Department, we are only testing plastic pipe allowed for 100-year design service life projects at this time. However, consideration is being given to testing other drainage pipe materials in the future.
No change made.
