

9450000 ALUMINUM PIPE, INCLUDING UNDERDRAIN, PIPE ARCH AND
STRUCTURAL PLATE PIPE AND PIPE ARCH
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Dan Hurtado

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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. 943 and 945 no longer mention certification requirements.

Change made.

2. 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 will be modified to indicate that the Contractor may propose pipe gage for approval by the Engineer.

Change made.

D5 Construction

Comments: (7-30-15)

1. 945-1 General requirement: “Alternatively, when aluminum pipe is allowed and the Plans do not specify gage, the Engineer may approve pipe gages based on the Department’s Drainage Manual and Culvert Service Life Estimator.” Comments: Should we Wright “with exception when the section of the side drains falls under excessive amount of fill or under commercial driveway?

Response: Changes will be made to clarify this article based on other comments. It seems a part of your suggestion would require a change to the drainage manual. You may want to contact the State Drainage Office with your concerns.

Changes made.

2. 945-2.5 Pipe marking: Suggest that all the pipe information to be printed on a sticky label and to be attached at both ends of the pipe, inside and outside. Adopting this method will eliminate the pipe rejection based on illegible or incomplete markings, however, the shipped pipe without identification label to be rejected.

Response: Thanks for the observation. We will look into the feasibility of adopting your recommendation.

No changes made.

Chad O. Rucks

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Comments: (8-5-15)

Suggest revising the second to last sentence in the 1st paragraph under General Requirements to specify total length of the lot. "Provide, notarized certification of as part of the shipping ticket, the actual mean inside diameter and total measured lengths of each lot of pipe shipped to the project."

Response: Agreed. Change will be made to read "total measured lengths." Change also applied to 943.

Change made.
