

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

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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.

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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.
