

SS4310000M PIPE LINER  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (2-10-20, Industry)

There remains an issue with the method of measurement. Some methods require an "overlap" of the actual pipe, per manufacturer's specifications. The result can be an overrun of quantities by about 1-2% or more for the entire project. Unless the method of the liner is specific, it is impossible to know what type of liner the Contractor will use. This makes for an estimating/budgeting issue. Propose revising the method of measurement as payment will be made for only the actual length of the pipe lined; any overlap will be considered incidental to the pipe run. If a contractor uses a method that requires an overlap, it can be built in his bid.

Response: Revised to provide additional clarification, but not necessary because the method of measure states that payment is based on the length of pipe lined, not the amount of liner installed.

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Comments: (2-13-20, Industry)

431-4.5 In the last sentence "for consideration" is stated twice.

Response: Revised to eliminate redundancy.

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Comments: (2-13-20, Industry)

431-5 Do you think we need to add the verbiage "The closed- circuit television inspection may be augmented by a visual inspection in which persons enter a host pipe to inspect it, at no additional cost to the Department." same as 431-3?

Response: Revised to provide clarity.

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Comments: (2-24-20, Industry)

The specification provided, eliminates/strikethroughs quite a few provisions for materials and processes (strike-through in blue); and this office does not recommend the latter as it limits the

Department's options. The Department should have options available depending on the situation. Recommend removing strike-through areas with the caveat that materials to be used and processes of repair will require submittal of such for review and approval by the Engineer prior to begin of work. This Office agrees with added sections in red. Feedback/comment from our District Drainage Design section is as follows: "Sections 431-4.2 and 431-4.3 should state that the pipe liner must be the same shape as the host pipe".

Response: The strikethroughs in the slip lining section were a removal of the redundant information covered in Section 948.

The strikethroughs of the installation methods were based on a consensus from the task team that these methods are not currently and have not been used for several years. D7 is in agreement with the currently proposed changes.

Revised to provide additional clarification, but not needed because the pipe liner takes the shape of the host pipe during installation.

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