

July 28, 2021

**Re:** Application #PL2021150 - Response to Comments

BHC Rhodes has received your comments and have the following responses:

The following deficiencies need to be corrected:

### Engineering Review

1. Abandonment is shown in the notes from 1+50 onward. Technique was not specified, however. If abandonment in place is desired, then the method will need to be specified. If a water main is indicated for abandonment, it shall be abandoned by removal and backfill if required or by plugging each end of the line segment. To plug each end of the line segment, a section of pipe at least 10 feet long shall be cut out of the existing line. The water shall be drained out to the fullest extent practicable, and the ends shall be sealed with a 1-foot thick plug of non-shrink grout sealed with a Portland cement grout.  
[A dimensional callout was added in the plan view on Sheet 2, and additional notes were added to the Phasing Notes on Sheet 3.](#)
2. Air release valve standard drawing was shown, but not needed. Please delete or "x" out since these will not be required or desired.  
[This detail has been deleted.](#)
3. Please eliminate the note about the air release valves which refer the reader to Gene Williams.  
[This note has been deleted.](#)
4. Wouldn't it be more clear if the segments to be abandoned in place were shown on the plan view, and the segments to be removed and replaced also shown on the plan view? As shown, this is present in the notes.  
[A dimensional callout has been added to Sheet 2 to visually show the pipe that is to be abandoned in place and removed and replaced. A typical trench detail with abandoned in place pipe has been added to Sheet 4.](#)
5. Cost estimate appeared to be missing the street restoration and repair.  
[Cost estimate has been updated to show street restoration and repair.](#)



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6. We really need a typical section view of the water line replacement showing the abandoned line will be to the side of any conflicting line that is left in place. Would 18 inch min. separation be adequate in your opinion?

A typical trench detail with abandoned in place pipe has been added to Sheet 4. The separation is shown as 24" since that is the width to either side of pipe required for the straddle blocks.

If you have any further questions, feel free to contact me at 913-663-1900 or by email at [scott.tanner@ibhc.com](mailto:scott.tanner@ibhc.com)

Sincerely,

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