

# FOR BOARD ACTION

Agenda Item # 5

Meeting Date:

11/24/09

**SUBJECT:** Update on Recent Skyline Ln SW Water Main Lining Project

**PREPARED BY:** Doug Rovang, Senior Civil Engineer

ITEM DESCRIPTION:

The Utility Board approved this project, described as follows, at its 9/15/2009 meeting:

*"Six water main "breaks" have occurred in recent years in an approximately 660' section of water main on Skyline Lane SW (two of these have occurred in 2009). Because of the topography of the area, some of these main breaks have resulted in water damage to the residence at 978 Skyline Lane SW. RPU needs to remedy this situation expeditiously.*

*"RPU staff has requested, and received, a proposal from Insituform Technologies USA (Insituform, hereafter) to install a liner inside the existing 6" water main as a pilot project to determine the cost effectiveness and appropriateness of this "trenchless" application in eliminating water main "breaks" in problem water main areas within the City. (A copy of the Insituform quotation for the Skyline Lane repair is attached.) As noted in the quotation, RPU would excavate a pit at each end of the project to facilitate the water main lining process, and would provide temporary water service to the Skyline Lane SW customers whose water service would be shutdown during the project.*

*"The estimated total cost of this water main repair project is \$87,000 – of which the services to be provided by Insituform would total \$76,772.50. (The Insituform cost would include an additional \$1,872.50 for providing a Performance and Payment Bond – see Proposal Exclusions Item 16 of the quotation.) Because the project cost is between \$50,000 and \$100,000, Utility Board (but not City Council) approval is required. Funds are available in the 2009 Water Utility budget for this project."*

The project was completed between November 2<sup>nd</sup> and 18<sup>th</sup>. RPU staff will make a brief presentation on this pilot Insituform water main interior lining project.

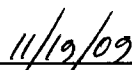
FOR CAPITAL PURCHASES/BIDS/MAJOR PROJECTS:

Not Applicable

UTILITY BOARD ACTION REQUESTED:

This is an informational update. No Board Action is Required.

  
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General Manager

  
\_\_\_\_\_  
Date

**ROCHESTER PUBLIC UTILITIES**