



## MEMORANDUM

August 29, 2024

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To: Santaquin City Mayor and City Council  
From: Jon Lundell, P.E., City Engineer  
**RE: Main Street Improvements – Change Order #3 - Culinary water line replacement from 300 East to 600 West**

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Mayor and Council Members,

Earlier this month, Landmark Excavating began excavation of the roadway along the north side of Main Street in preparation for building the roadway along that half of the roadway. As this work was progressing it was found that the existing 6” ductile iron culinary water pipe had deteriorated enough that leaks were occurring in areas where minimal excavation had occurred.

Over the last several years, this existing water line has experienced multiple failures, specifically between 200 West and 300 West, and a design was created to replace the existing 6” waterline with an 8” PVC waterline concurrently with the Main Street widening design. The replacement of this waterline was included in the bidding process for the Main Street work as a stand-alone project that could be constructed separately from the Main Street project. The bid amount of \$1.4 million exceeded the available funds and thus was not included in the awarded Main Street project.

However, during the construction of Main Street, we have had multiple leaks from 300 East to 200 East due to this deterioration and corrosion. It has also been found that the water line is only 3 feet below the future finished surface of the roadway. Santaquin City’s current standard is 4’ of cover to the top of the pipe to minimize the potential for damage to waterlines.

City staff has coordinated with Landmark and have determined that we can replace the water line for less than the above-mentioned amount as much of the roadway is excavated out.

Based on this information, city staff recommends that the City Council approve the attached Change Order #3 to replace the existing 6” culinary waterline with an 8” waterline from 300 East to approximately 600 West in a not to exceed amount of **\$785,374.39**. This amount includes construction costs and an owner controlled 7% contingency. These funds are available through Santaquin City’s capital repair and replacement fund balance.

I am happy to answer any questions you may have on this item.

**Recommended Motion:**

Motion to approve Change Order #3 for the Main Street Improvements project to replace the existing 6" water line with a new 8" waterline for a not to exceed amount of **\$785,374.39.**