

Arts & Innovation

TENTH AND ELEVENTH STREET WATER MAIN REPLACEMENT PROJECT

***Board of Public Utilities
August 22, 2016***

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Background

- Project was previously approved on July 11, 2016 as a routine project over \$500,000
- Added replacement segment on Orange Street between Mission Inn and University Avenues
 - Recent leak

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Background

- This project is in line with RPU's infrastructure road map and Utility 2.0 and directly benefits RPU water customers within the vicinity of the project in terms of system reliability and improved fire protection.
- This project consists of approximately 0.75 miles of replacement water main, representing about 13% of RPU's goal for water main replacements during fiscal year 2016/17.

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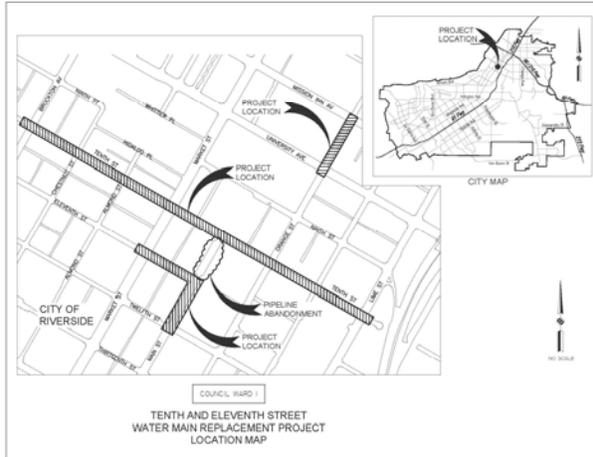
Project Description

- 1924 - 1938 vintage pipe
- 4,000 feet of 12-inch ductile iron pipe
- 15 Fire Hydrants
- 63 Services
- Field forces installation
- Paving using paving Contractor Panel or Public Works Crews

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Project Map



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Project Breakdown

Project Breakdown:	
Engineering Performed By:	RPU Engineering staff
Construction Performed By:	<ul style="list-style-type: none"> ▪ RPU Field Forces (Pipeline) ▪ Contractor Panel or PW Crews (Paving)
Anticipated Start Date:	September 2016
Anticipated Duration:	6 months
Coordination Required With:	<ul style="list-style-type: none"> ▪ RPU Field Forces ▪ Public Works
Reimbursements:	None

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Project Budget Breakdown

Description	Cost	Percent of Total
Design	\$50,000	2.9%
Construction (City Forces)	\$1,200,000	68.8%
Construction Contingencies	\$120,000	6.9%
Paving Budget	\$375,000	21.5%
Total	\$1,745,000	100.0%

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Recommendation

That the Board of Public Utilities approve a capital expenditure of \$1,745,000 for Work Order No. 1619730 which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Tenth and Eleventh Street Water Main Replacement Project.

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