

# INCREASED EXPENDITURE FOR THE MARKET STREET WATER MAIN REPLACEMENT PROJECT

## Riverside Public Utilities

**Board of Public Utilities**  
July 22, 2024

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## BACKGROUND

1. 8-inch water pipelines installed 1914
2. History of leaks
3. Project benefits:
  - a. Replace old and high priority water pipelines
  - b. Eliminate the need for ongoing repairs
  - c. Improve water system reliability and capacity
  - d. Connect and extend to pipeline replaced in previous projects
4. Project website and notification letters
5. Approved by RPU Board on August 14, 2023



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# PROJECT LOCATION



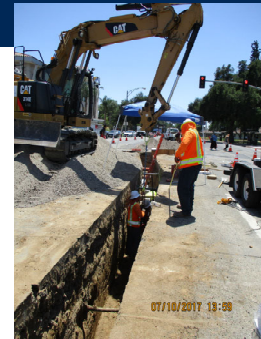
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# DISCUSSION

1. 1,200 Feet of Ductile Iron Pipe



2. 15 Water Services

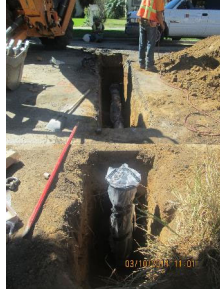


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## DISCUSSION (CONT.)

- 3. 2 Fire Hydrants
- 4. 5 System Connections and Incidental Work
- 5. Pavement Restoration




## DISCUSSION (CONT.)

- 6. Paving bids were higher than allowed under the panel
- 7. PW will pave pipeline trenches
- 8. Asphalt cap to be performed by the panel
- 9. Additional costs related to paving and trench backfill




## PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown					
Work Type:	Performed By:	Original Budget Amount:	Additional Budget Requested:	Revised Budget Amount:	Revised Percent of Total:
Design and Survey	Internal Staff	\$102,323	\$0	\$102,323	7.4%
Geotechnical Investigation	Converse Consultants	\$3,742	\$0	\$3,742	0.3%
Utility Potholing	Badger Daylighting Corp.	\$6,935	\$0	\$6,935	0.5%
Construction	RPU Water Field Forces	\$580,000	\$100,000	\$680,000	49.0%
Paving Budget	PW and RPU Paving Contractor Panel	\$400,000	\$100,000	\$500,000	36.1%
Construction Management, Inspection and Engineering Support	Internal Staff	\$35,000	\$0	\$35,000	2.5%
Construction Contingencies	N/A	\$58,000	\$0	\$58,000	4.2%
<b>Totals:</b>		<b>\$1,186,000</b>	<b>\$200,000</b>	<b>\$1,386,000</b>	<b>100%</b>


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## STRATEGIC PLAN ALIGNMENT




### Strategic Priority 6 - Infrastructure, Mobility and Connectivity


**Goal 6.2** – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

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#### Cross-Cutting Threads




Community Trust




Fiscal Responsibility




Sustainability & Resiliency



Equity



Innovation


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## RECOMMENDATION

That the Board of Public Utilities approve the increased expenditure of \$200,000 for Work Order No. 2223289 for a revised total of \$1,386,000 for all engineering, construction, paving and construction contingency costs for the Market Street Water Main Replacement Project.

