



# MONTICELLO AVENUE WATER MAIN REPLACEMENT PROJECT

Riverside Public Utilities

Board of Public Utilities  
August 12, 2024

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## BACKGROUND

1. Old 6-inch and 8-inch water pipelines
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
4. Project website and notification letters



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# PROJECT LOCATION MAP

**PROJECT LOCATION**  
UBICACIÓN DEL PROYECTO

**Monticello Avenue Water Pipeline Replacement Project**  
Proyecto de Tubería de Agua Principal de Monticello Avenue

COUNCIL WARDS / DISTRITO DEL CONSEJO 5  
WORK ORDER NUMBER / NÚMERO DE TRABAJO 2214679

NO SCALE / SIN ESCALA




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# DISCUSSION

1. PVCO Pipe
  - a. 3,450 feet of 12-inch
  - b. 350 feet of 8-inch
  - c. 25-feet of 6-inch
  
2. Forty-one (41) Water Services

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## DISCUSSION (CONT.)

3. Five (5) Fire Hydrants



4. Eight (8) System Connections and Incidental Work



5. Pavement Restoration



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## PROJECT AND FISCAL BREAKDOWN

Project and Fiscal Breakdown					
Work Type:	Performed By:			Amount:	Percent of Total:
Design and Survey	Internal Staff			\$139,500	5.8%
Geotechnical Investigation	Hilltop Geotechnical, Inc.			\$23,500	1.0%
Construction	RPU Water Field Forces	Labor	\$313,000	\$1,100,000	45.5%
		Equipment	\$143,000		
		Materials	\$644,000		
Paving Budget	PW or Paving Contractor			\$950,000	39.3%
Construction Management, Inspection and Engineering Support	Internal Staff			\$95,000	3.9%
Construction Contingencies	N/A			\$110,000	4.5%
<b>Work Order Total:</b>				<b>\$2,418,000</b>	<b>100.0%</b>
Reimbursements:					None
<b>Anticipated Start Date:</b>					<b>September 2024</b>
<b>Anticipated Duration:</b>					<b>8 Months</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.

### Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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## RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2214679 in the total amount of \$2,418,000 for all engineering, construction, paving and construction contingency costs for the Monticello Avenue Water Pipeline Replacement Project.



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