



DELANO DRIVE WATER PIPELINE REPLACEMENT PROJECT

Riverside Public Utilities

Board of Public Utilities

October 27, 2025

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BACKGROUND

1. Old 4-inch and 6-inch diameter 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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DISCUSSION

1. Polyvinyl Chloride Pipe (PVCO)
 - a. 2,975 feet of 8-inch
 - b. 985 feet of 6-inch
2. Ninety-three (93) Water Services






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DISCUSSION CONT.

3. Eleven (11) Fire Hydrants
4. Three (3) System Connections and Incidental Work
5. Pavement Restoration



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PROJECT AND FISCAL BREAKDOWN

Work Type:	Performed By:			Amount:	Percent of Total:
Design	Internal Staff			\$90,095	3.6%
Geotechnical Investigation	GEOMAT Testing Laboratories, Inc.			\$12,205	0.5%
Construction	RPU Water Field Forces	Labor	\$450,000	\$1,167,000	46.0%
		Equipment	\$205,000		
		Materials	\$512,000		
Paving Budget	PW or Paving Contractor Panel			\$950,000	37.5%
Construction Management, Inspection, and Engineering Support	Internal Staff			\$80,000	3.2%
Soil Compaction and Material Testing	Outside Vendor, Informal Procurement			\$25,000	1.0%
Work Order Construction Contingency (10%)				\$211,700	8.3%
Work Order Total:				\$2,536,000	100.0%
Reimbursements:				None	
Anticipated Start Date:				September 2025	
Anticipated Duration:				7 Months	



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RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2214681 in the total amount of \$2,536,000 for all engineering, construction, and paving costs for the Delano Drive Water Pipeline Replacement Project.



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