



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 27, 2025

SUBJECT: CONSTRUCTION OF THE DELANO DRIVE WATER PIPELINE REPLACEMENT PROJECT IN THE AMOUNT OF \$2,536,000 – WORK ORDER NO. 2214681

ISSUE:

Consider approval of Work Order No. 2214681 for a total amount of \$2,536,000 for all engineering, construction, and paving for the Delano Drive Water Pipeline Replacement Project.

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.

BACKGROUND:

Water Division staff budget and schedule the replacement of water distribution pipelines annually, based on several factors. This is done using a prioritization model that takes into account pipeline age, material, maintenance records, and the criticality of each pipeline segment within the water distribution system.

The subject project is part of a proactive and ongoing water main replacement program. This program is aimed at replacing old and high-priority water mains, such as the 4-inch and 6-inch diameter cast iron water pipelines installed in the 1950s in the project area. These pipelines have experienced forty-four reported leaks, twenty-five of which have occurred in the past ten years. Replacing these pipelines, which rank high for replacement based on their leak history, age, material, and size, is a key step in ensuring the continued reliability of the water system.

The project location map attached illustrates the locations of replaced pipelines, as well as upcoming projects in the area immediately surrounding this one.

DISCUSSION:

The work generally entails the construction of approximately 2,975 linear feet of 8-inch diameter Polyvinyl Chloride (PVC) pipe, 985 linear feet of 6-inch diameter Polyvinyl Chloride (PVC) pipe, ninety-three (93) water services, eleven (11) fire hydrants, and three (3) system connections,

along with all necessary fittings, appurtenances, and related incidental work, which will be installed according to RPU's current standards. The Water Division's field crews will perform the construction work. Other than routine service tie-overs, there will be no disruption of water service.

Once the new water mains are installed, RPU will be responsible for standard trench repaving in accordance with the standards set forth by the Public Works Department (PW). PW may perform trench repaving for pipeline projects constructed by the Water Division's field forces. However, if the backlog of PW projects precludes the pipeline paving from occurring on schedule, staff will solicit paving bids from RPU's Paving Contractor Panel. A budgetary estimate for the paving work has been included in this authorization.

Water Division staff have coordinated with PW regarding allowable working hours for this project. The work will generally occur during normal daytime work hours. Staff are coordinating with the Department of Marketing and Communications to establish a project informational website. Additionally, a notification letter will be mailed to customers within the surrounding area upon approval of the project. Staff will continue to reach out directly to customers within the vicinity of the project throughout the project duration.

The project/fiscal breakdown is as follows:

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				

The table above identifies the type of work, who will perform the work and the estimated cost for each category. If needed, additional services valued at more than \$50,000 will be solicited using the formal procurement process and brought before the Board of Public Utilities for consideration and action.

FISCAL IMPACT:

The total project cost is estimated at \$2,536,000. Sufficient funds are available in the Public Utilities' Water Main Replacement Account No. 6230000-470707.

Prepared by:	Robin Glenney, Utilities Assistant General Manager/Water
Approved by:	David A. Garcia, Utilities General Manager
Certified as to availability of funds:	Kristie Thomas, Finance Director/Assistant Chief Financial Officer
Approved by:	Rafael Guzman, Assistant City Manager
Approved as to form:	Rebecca McKee-Reimbold, Interim City Attorney

Attachments:

1. Project Location Map
2. Resolution No. 24224
3. Presentation