RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: DECEMBER 8, 2025**

SUBJECT: CONSTRUCTION OF THE GOLDEN AVENUE WATER PIPELINE REPLACEMENT PROJECT IN THE AMOUNT OF $2,834,000 – WORK ORDER NO. 1614978

ISSUE:

Consider approval of Work Order No. 1614978 in the total amount of $2,834,000 for all engineering, construction and paving costs for the Golden Avenue Water Pipeline Replacement Project.

RECOMMENDATION:

That the Board of Public Utilities approve Work Order No. 1614978 in the total amount of $2,834,000 for all engineering, construction and paving costs for the Golden Avenue Pipeline Replacement Project.

BACKGROUND:

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

The subject project is part of an ongoing water main replacement program to replace old and high-priority water mains. The project consists of 2-inch steel pipe, 6-inch asbestos cement pipe, and 12-inch asbestos cement pipe installed in the 1950's and 4-inch steel pipe installed in the 1940's. The pipelines have experienced thirteen reported leaks, of which three have occurred in the past ten years. Replacing these water pipelines which rank high for replacement based on their leak history, age, material, location, and size is a key step to ensure the continued reliability of the water system.

DISCUSSION:

The work generally entails the construction of approximately 865 linear feet of 12-inch diameter Polyvinyl Chloride (PVCO) pipe, 3,240 linear feet of 8-inch diameter Polyvinyl Chloride (PVCO) pipe, 155 linear feet of 4-inch diameter Polyvinyl Chloride (PVC) pipe, ninety-three (93) water services, fourteen (14) fire hydrants, and nine (9) 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 construct the 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 crews. 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			$98,777	3.5%
Geotechnical Investigation	Converse Consultants			$2,723	0.1%
Construction	RPU Water Field Crews	Labor	$548,000	$1,425,000	50.3%
		Equipment	$244,000		
		Materials	$633,000		
Paving Budget	PW or Paving Contractor Panel			$950,000	33.5%
Construction Management, Inspection, and Engineering Support	Internal Staff			$95,000	3.3%
Soil Compaction and Material Testing	Outside Vendor, Informal Procurement			$25,000	0.9%
Work Order Construction Contingency (10%)				$237,500	8.4%
Work Order Total:				**$2,834,000**	**100.0%**
Reimbursements:	None				
Anticipated Start Date:	**January 2026**				
Anticipated Duration:	**9 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 $2,834,000. 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