



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JULY 10, 2017

**ITEM NO:** 5

**SUBJECT:** CONSTRUCTION OF THE COCHRAN AVENUE WATER MAIN RELOCATION PROJECT – 180 FEET OF NEW POTABLE WATER PIPELINE – WORK ORDER NO. 1720286 FOR \$125,000 – REIMBURSEMENT OF UP TO \$54,000 FROM PUBLIC WORKS

**ISSUES:**

Approve the expenditure of \$125,000 for Work Order No. 1720286, which includes all design, construction, paving, and construction contingency costs for the Cochran Avenue Water Main Relocation Project; and recommend that the City Council approve the expenditure of up to \$54,000 to reimburse Riverside Public Utilities for Public Works' share of the water main relocation costs.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Approve the expenditure of \$125,000 for Work Order No. 1720286, which includes all design, construction, paving and construction contingency costs for the Cochran Avenue Water Main Relocation Project; and
2. Recommend that the City Council approve the expenditure of up to \$54,000 to reimburse Riverside Public Utilities for Public Works' share of the water main relocation costs.

**BACKGROUND:**

The Public Works Department (PW) will be constructing an 18-inch reinforced concrete storm drain pipe on Cochran Avenue, from Skofstad Street to just easterly of Jones Avenue. The proposed storm drain pipe will be in conflict with a 12-inch water main crossing at Jones Avenue and an 8-inch water main crossing at Redondo Street. Riverside Public Utilities (RPU) owns the existing 12-inch and 8-inch asbestos cement water mains. In order to clear the way for their project, PW requested that RPU relocate the interfering segments of water pipeline by August 2017.

PW will fully reimburse RPU for all costs associated with relocating the interfering water pipeline to avoid conflict with the proposed storm drain pipeline. However, in addition to the relocation work, RPU has expanded the scope of work to include additional main replacement unrelated to the conflict beyond the intersection to allow for future pipeline connections without disrupting the intersections.

At the conclusion of the project, PW will reimburse RPU up to \$54,000 for their share of the pipeline relocation costs. The City Council will consider approving the reimbursement on July 25, 2017.

## **DISCUSSION:**

The water main relocation work will entail constructing approximately 80 linear feet of 12-inch ductile iron pipe, 100 linear feet of 8-inch ductile iron pipe, installing one fire hydrant, four system connections, and all related appurtenances. The work will also entail the abandonment of approximately 80 linear feet of existing 12-inch asbestos cement water pipeline within the intersection of Cochran Avenue and Jones Avenue that was installed in 1963 and the abandonment of approximately 80 linear feet of existing 8-inch asbestos cement water pipeline at the intersection of Cochran Avenue and Redondo Street that was installed in 1965.

The Water Division's field forces will construct the work and it will not affect water service to RPU water customers.

RPU will be responsible for standard trench repaving per the PW standards. The PW streets division will complete the permanent trench repaving for this project. A budgetary estimate for the paving work has been included in this authorization.

Staff has coordinated with PW regarding the allowable working hours for the project, and the work will occur during daytime working hours while the nearby schools are in summer recess.

The project breakdown is as follows:

<b>Project Breakdown:</b>	
Engineering Performed By:	RPU Engineering staff
Construction Performed By:	RPU Field Forces
Anticipated Start Date:	August 2017
Anticipated Duration:	3 Weeks
Coordination Required With:	<ul style="list-style-type: none"> <li>▪ RPU Field Forces</li> <li>▪ Public Works</li> </ul>
Reimbursements:	Public Works (\$54,000)

The estimated expenditure for Work Order No. 1720286 is \$125,000, as summarized in the following table:

<b>Description</b>	<b>Cost</b>	<b>Percent of Total</b>
Design	\$11,890	9.5%
Construction (City Forces)	\$80,100	64.1%
Construction Contingencies	\$8,010	6.4%
Paving Budget	\$25,000	20.0%
<b>Work Order Total</b>	<b>\$125,000</b>	<b>100.0%</b>

The Public Works Director concurs that PW will reimburse RPU for their share of the costs for up to \$54,000.

## **FISCAL IMPACT:**

Sufficient funds are available in the Public Utilities' Water Main Replacement Account No. 6230000-470707.

Prepared by: Todd L. Jorgenson, Utilities Assistant General Manager/Water  
Approved by: Girish Balachandran, Utilities General Manager  
Approved by: John A. Russo, City Manager  
Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Laura Chavez-Nomura, Utilities Assistant General Manager/Finance

Attachment: Presentation

