



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** JULY 10, 2015

**ITEM NO:** 6

File ID – 15-2153 - C

**SUBJECT:** CONSTRUCTION OF THE MYERS STREET WATER MAIN RELOCATION PROJECT –  
WORK ORDER NO. 1524603 FOR \$135,000

**ISSUE:**

The issue for Board of Public Utilities consideration is to approve a capital expenditure in the amount of \$135,000 for Work Order No. 1524603 to construct the Myers Street Water Main Replacement Project.

**RECOMMENDATION:**

That the Board of Public Utilities approve a capital expenditure of \$135,000 for Work Order No. 1524603, which includes all design, construction, contract administration and inspection costs for the Myers Street Water Main Replacement Project (Project).

**BACKGROUND:**

On February 24, 2015 the Public Works Department (PW) obtained approval from the City Council for Bid No. 7242 for the Southwest Riverside Master Drainage Plan (MDP) Line G State 2 Storm Drain Line Project; the bid was awarded to Mamco, Inc., dba Alabbasi (Contractor). The Project generally entails the installation of 12- to 90-inch reinforced concrete storm drain line along Myers Street between Lincoln Avenue and Victoria Avenue and Victoria Avenue between Harrison Street and Van Buren Boulevard. The Project began construction in May 2015. As originally designed, the RPU facilities would not be replaced by Contractor but would be protected in place during the course of construction.

Immediately upon start of construction, the contractor encountered soft soils which threatened to compromise the integrity of the existing 8-inch asbestos cement water main along Myers Street. The water main was installed in 1971 and has no history of leaks. PW and Riverside Public Utilities (RPU) staff met with the Contractor to discuss concerns regarding service disruptions to customers in the event of a water main break as well as long-term maintenance impacts due to disturbance of the soil around or adjacent to the existing waterline.

In an effort to eliminate service disruptions to RPU customers, the Contractor proposed, and RPU approved, the installation of a temporary water highline to serve customers during construction. The water highline was installed in June 2015 along Myers Street between Lincoln Avenue and Victoria Avenue and consisted of connecting a 3-inch high density polyethylene pipe to two existing fire hydrants located outside the project impact area.

In order to address RPU's long-term maintenance concerns, PW and the Contractor agreed to replace 1,250 linear feet of the existing water main within Myers Street between Lincoln Avenue and Victoria Avenue with 8-inch ductile iron pipe (DIP) and complete all paving repairs at no cost to RPU. In turn, RPU has agreed to install the water services from the new DIP line in order to reestablish service to our customers and complete the four system connection. RPU staff recommends such solution, as it would replace an existing pipeline (at an estimated cost of \$300,000) in exchange for RPU constructing service connections to the new pipeline.

The project breakdown is as follows:

<b>Project Breakdown:</b>	
Engineering Performed By:	RPU Engineering staff
Construction Performed By:	Alabbasi and RPU Field Forces
Anticipated Start Date:	Exact start date to be coordinated with the PW Contractor's construction schedule
Anticipated Duration:	1 month
Coordination Required With:	<ul style="list-style-type: none"> <li>▪ RPU Field Forces</li> <li>▪ Public Works</li> <li>▪ Public Works Contractor</li> </ul>

**FISCAL IMPACT:**

The total capital expenditure for Work Order No. 1524603 is estimated to be \$135,000, as summarized in the following table:

<b>Description</b>	<b>Cost</b>	<b>Percent of Total</b>
Design	\$5,000	3.70%
Construction (City Forces)	\$120,000	88.90%
Construction Inspection	\$10,000	7.40%
<b>Work Order Total</b>	<b>\$135,000</b>	<b>100.0%</b>

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

Prepared by:	Todd L. Jorgenson, Public Utilities Interim Assistant General Manager/Water
Approved by:	Girish Balachandran, Public 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, Public Utilities General Manager/Finance
Attachment:	Project Site Map