



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: OCTOBER 16, 2015

ITEM NO: 8

File ID – 15-3273 – D

SUBJECT: CONSTRUCTION OF THE LARCHWOOD PLACE WATER MAIN REPLACEMENT PROJECT – WORK ORDER NO. 1602941 FOR \$895,000

ISSUE:

The issue for Board of Public Utilities consideration is to approve a capital expenditure in the amount of \$895,000 for Work Order No. 1602941 to construct the Larchwood Place Water Main Replacement Project.

RECOMMENDATION:

That the Board of Public Utilities approve a capital expenditure of \$895,000 for Work Order No. 1602941 which includes all design, construction, paving, contract administration, inspection and construction contingency costs for the Larchwood Place Water Main Replacement Project.

BACKGROUND:

The construction of the Larchwood Place Water Main Replacement Project is part of Riverside Public Utilities' (RPU) ongoing water main replacement program to replace old and high priority leaky mains. The project area consists of existing 4-inch cast iron water mains that were installed in 1929. Based on their leak history, age and size, these water pipelines have been identified as high priorities for replacement to increase system reliability and increase fire flow.

This work was originally scheduled to be completed in the next Fiscal Year. However, in order to minimize disruptions to the customers in this area, it was reprioritized to coincide with pavement work along Larchwood Place and Ramona Drive required as part of the Woods Streets Streetlight Replacement, Phase I Project. For this reason, this project was not included in the "Planned Routine Projects over \$500,000 for Electric and Water Capital Projects for Fiscal Year 2015/16" report received by the Board on September 4, 2015.

The work will generally entail the construction of approximately 3,000 linear feet of 8-inch ductile iron pipe, 8 fire hydrants, 55 service tie-overs and 6 system connections along with all necessary fittings and appurtenances.

The work identified will be constructed by the Water Division's field forces. Other than routine service tie-overs, this project is not expected to disrupt service to RPU water customers.

Once the new water pipelines are installed, RPU will be responsible for standard trench repaving per the Public Works Department (PW) standards. Staff will solicit paving bids for resurfacing the trench area from RPU's Paving Contractor Panel. A budgetary estimate for the paving work has been included in this authorization.

The portion of pavement restoration on Larchwood Place and Ramona Drive associated with the Woods Streets Streetlight Replacement, Phase I Project will be funded from RPU Electric Division's Neighborhood Street Light Retrofit Account. The funds were made available as a result of a settlement with the contractor hired to perform the Woods Streets Streetlight Replacement, Phase I Project. The contractor failed to complete certain portions of the paving work, and the contractor agreed to allow the City to retain certain funds owed to the contractor in order to complete the paving work.

Staff has coordinated with PW regarding the allowable working hours for the project; work will occur during normal daytime working hours.

The project breakdown is as follows:

Project Breakdown:	
Engineering Performed By:	RPU Engineering staff
Construction Performed By:	<ul style="list-style-type: none"> ▪ RPU Field Forces (Pipeline) ▪ Contractor Panel (Paving)
Anticipated Start Date:	Late 2015
Anticipated Duration:	3 months
Coordination Required With:	<ul style="list-style-type: none"> ▪ RPU Field Forces ▪ RPU Electric ▪ Public Works
Reimbursements:	RPU Electric

The total capital expenditure for Work Order No. 1602941 is estimated to be \$895,000 as summarized in the following table:

Description	Cost	Percent of Total
Design	\$30,000	3.4%
Construction (City Forces)	\$550,000	61.5%
Construction Contingencies	\$55,000	6.1%
Paving Budget	\$225,000	25.1%
Construction Management and Inspection	\$35,000	3.9%
Work Order Total	\$895,000	100.0%

FISCAL IMPACT:

Sufficient funds are available in the Public Utilities' Water Main Replacement Account No. 6230000-470707 (\$865,000) and the Public Utilities' Neighborhood Street Light Retrofit Account No. 6130000-470638 (\$30,000).

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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