

SUGARLOAF BOOSTER STATION TO PRESSURE REDUCING STATION CONVERSION PROJECT

Riverside Public Utilities

Board of Public Utilities
January 9, 2023

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BACKGROUND

1. Old booster station
2. History of maintenance challenges and leaks
3. Project benefits:
 - a. Reduce operation and maintenance costs
 - b. Eliminate the need for ongoing repairs
 - c. Improve water system reliability
4. Project website and notification letters



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PROJECT LOCATION



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UBICACIÓN DEL PROYECTO



CITY MAP / MAPA DE LA CIUDAD



**Sugarloaf Booster Pump Station
to Pressure Reducing Station**
Conversion Project
Transformación de Estación de Aumento
de Presión a Estación de Reducción de Presión de la
Estación Sugarloaf

COUNCIL WARDS / DISTRITO DEL CONSEJO # 2
WORK ORDER NUMBER / NÚMERO DE TRABAJO #2116992
HD SCALE / SHIFESCAIA


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PROJECT DESCRIPTION

1. Two Pressure Reducing Valves
2. One Pressure Relief Valve
3. One Flow Meter
4. All Incidental Work
5. Pavement Restoration






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PROJECT AND FISCAL BREAKDOWN

Work Type:	Performed By:	Amount:	Percent of Total:
Design, Geotechnical Investigation, and Survey	Internal Staff and Miscellaneous Vendors	\$67,300	14.5%
Construction	Internal Staff	Labor \$80,000	\$197,000 42.5%
		Equipment \$16,000	
		Materials \$101,000	
Paving Budget	PW or RPU Paving Contractor Panel	\$150,000	32.3%
Construction Management, Inspection and Engineering Support	Internal Staff	\$30,000	6.5%
Construction Contingencies	N/A	\$19,700	4.2%
Work Order Total:		\$464,000	100.0%
Reimbursements:			None
Anticipated Start Date:			April 2023
Anticipated Duration:			2 Months



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STRATEGIC PLAN ALIGNMENT



Strategic Priority 6 - Infrastructure, Mobility and Connectivity

Goal No. 6.2 – Maintain, protect, and improve assets and infrastructure within the City's built environment to ensure and enhance reliability, resiliency, sustainability, and facilitate connectivity.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability & Resiliency



Equity



Innovation



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RECOMMENDATION

That the Board of Public Utilities approve Work Order No. 2116992 in the total amount of \$464,000 for all engineering, construction, paving, and construction contingency costs for the Sugarloaf Booster Station to Pressure Reducing Station Conversion Project.

