



BINGHAM AND WOLFE AVENUES WATER MAIN REPLACEMENT PROJECT

Riverside Public Utilities

Board of Public Utilities
November 14, 2022

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BACKGROUND

1. 8-inch water pipelines
2. History of leaks
3. Project benefits:
 - a. Replace old and high priority water pipelines
 - 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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PROJECT DESCRIPTION

1. 3,285 feet of 8-inch Polyvinyl Chloride Pipe
2. 72 Water Services



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PROJECT DESCRIPTION (CONT.)

3. Eight (8) Fire Hydrants



4. Three (3) System Connections



5. Pavement Restoration



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PROJECT AND FISCAL BREAKDOWN

| Work Type: | Performed By: | Amount: | |
|---|--|-----------|----------------------|
| Design, Geotechnical Investigation, and Survey | Internal Staff and Miscellaneous Vendors | | \$70,400 |
| Construction | RPU Water Field Forces | Labor | \$231,000 |
| | | Equipment | \$130,000 |
| | | Materials | \$335,000 |
| Paving Budget | PW or RPU Paving Contractor Panel | | \$350,000 |
| Construction Management, Inspection and Engineering Support | Internal Staff | | \$30,000 |
| Construction Contingencies | N/A | | \$69,600 |
| Work Order Total: | | | \$1,216,000 |
| Reimbursements: | | | None |
| Anticipated Start Date: | | | February 2023 |
| Anticipated Duration: | | | 4 Months |

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STRATEGIC PLAN ALIGNMENT



Strategic Priority 6 - Infrastructure, Mobility and Connectivity

Goal 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. 2205705 in the total amount of \$1,216,000 for all engineering, construction, paving and construction contingency costs for the Bingham and Wolfe Avenues Water Main Replacement Project.



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