

## FY2017-2023 Capital Investment Program

## W-82 Fire Hydrant Standardization

Category: **Water**  
 Department: **Utilities**

Status: **Ongoing**  
 Location: **Water Service Area**

## Programmed Expenditures

Programmed Expenditures	Appropriated To Date	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget	FY 2020 Budget	FY 2021 Budget	FY 2022 Budget	FY 2023 Budget
1,868,497	1,296,965	2,532	315,000	-	254,000	-	-	-

## Description and Scope

This program replaces non-standard hydrants that have outdated two-port connections, thereby improving the rate of water flow and reducing response time in the event of a fire. Twenty two two-port hydrants are still in service. Based on the proposed budget, these will all be replaced by 2019.

## Rationale

In the short term, this program reduces the likelihood of catastrophic system failures, unplanned service interruptions, damage claims to the city, and sharp rate increases to react to system failures rather than proactively managing the system. In the long term, timely replacement or repair of water system assets keeps customer rates as low as practical by managing the system at the least life-cycle cost while maintaining target service levels and meeting regulatory requirements.

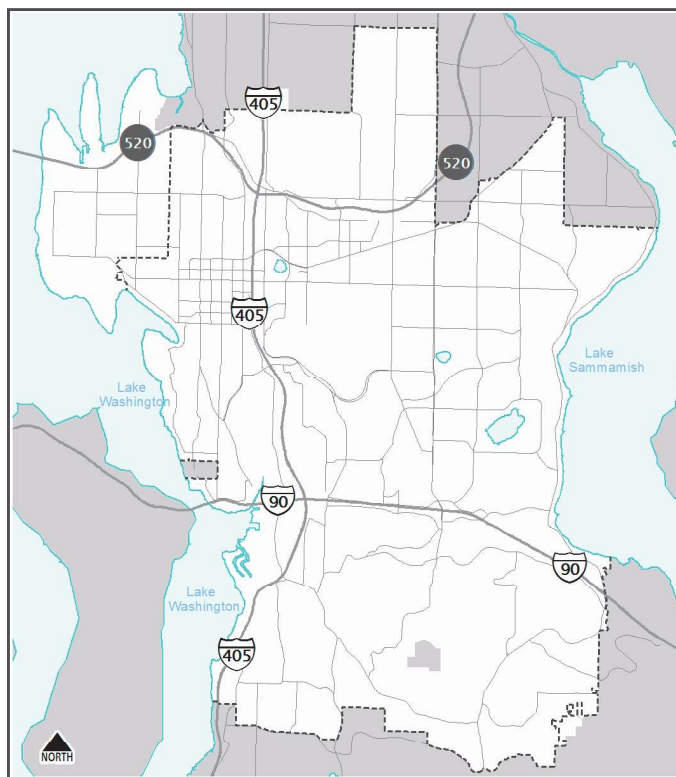
## Environmental Impacts

Replacing aging water infrastructure ensures a reliable supply of safe drinking water in sufficient quantity for homes and businesses. Minimizing water system failures means reduced environmental damage such as flooding and erosion, which can damage lakes, streams, and wetlands. Timely replacement of aging water pipes and appurtenances reduces the volume of treated, potable water lost to leakage into the ground or following system breaks.

## Operating Budget Impacts

This program will have no significant impact on operating revenues and/or expenditures.

## Project Map



## Schedule of Activities

Project Activities	From - To	Amount
Project Costs	Ongoing	1,868,497

**Total Budgetary Cost Estimate:** 1,868,497

## Means of Financing

Funding Source	Amount
Utility Rates/Fees	1,868,497

**Total Programmed Funding:** 1,868,497  
**Future Funding Requirements:**

## Comments