



Citizen Oversight and Review

The Infrastructure Improvement Committee (IIC) members have examined the City IRRP documents and found them to be in accordance with the mission of the IRRP. The IIC Committee, City Council, and City staff would like to thank the citizens of Walla Walla for their involvement, support, and contribution to revitalization of the City's infrastructure. For further information on the IRRP program, please visit us at www.wallawallawa.gov/government/public-works/programs.

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2022 Annual Progress Report Infrastructure Repair and Replacement Plan (IRRP)

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Introduction

The Infrastructure Repair and Replacement Plan (IRRP) has now completed its thirteenth year of construction. For those unfamiliar with the IRRP, this program was established by City Council in April 2010 to provide a systematic approach to replace the City's three failing critical infrastructure systems: water, sewer, and streets. Of the 160 miles of failing infrastructure systems in the City, there are 43 miles where the water, sewer and streets are failing in the same locations. The IRRP is focused on replacing the infrastructure in these areas. The program is funded by utility revenues at an annual rate of approximately \$5,000,000 per year. This annual progress report summarizes the achievements and costs of the previous years' work.

Progress Summary (2010-2022)

Projects	Miles Completed	Miles Remaining	Average Miles Replaced Per Year
25	12.7	30.3	1.05

Infrastructure Replaced (2010-2022)

	2010-2020	2021	2022	TOTAL
Water Main Replaced (feet)	60,097	4,826	4,084	69,007
Sewer Main Replaced (feet)	52,141	4,683	1,866	58,690
Street Replaced (feet)	56,217	5,613	1,250	63,080
ADA Ramps Installed (each)	454	56	20	530

Program Funding

- \$41,499,762 spent to date on IRRP projects (2010-2022).
- In 2015, the IRRP Program paid back its initial startup bond.

2022 Projects

In this past year, the City completed the Park Street IRRP project and completed all underground utility work on the Alder/Poplar IRRP/TBD project (remaining portion to be completed in early 2023).

The table below provides a summary of costs for the 2022 IRRP program year.

	Projected IRRP Cost	Actual IRRP Cost	Difference
Park Street	\$3,898,627	\$3,939,633	(\$41,006)
Poplar/Alder TBD	\$1,940,000	\$1,491,426	\$448,574

Gains in water loss achieved over past ten years	
2009	2022
Lost 1.2 billion gallons	Lost 0.407 billion gallons (66% reduction)

The table below lists the improvements made in 2022 with IRRP funds.

	Park Street	Poplar/Alder	Total
Water Main Replaced (feet)	1,185	2,899	4,084
Sewer Main Replaced (feet)	991	875	1,866
Street Replaced (feet)	1,250	0	1,250
ADA Ramps Installed (each)	20	0	20

2022 Quantitative Results

The 2022 IRRP projects replaced a total of 56 water services. Many of those were found to be leaking water when they were exposed during construction. During replacement of the sanitary sewer, inspection observed multiple areas of prolonged sewer leaks under the roadway. This was attributable to deteriorated pipes and joint separation. The elimination of both the water leaks and sewage exfiltration under the roadway will not only protect the roadway and soils underneath, but will also reduce overall water loss. Along with the 1,866 linear feet of sewer main replaced, 38 sewer services were also replaced.

2023 Projects

In 2023, the IRRP Program will complete two projects, the Cookery IRRP project and completion of the Alder/Poplar IRRP/TBD project. The Cookery IRRP has utility and roadway failures within the project limits.

- The Cookery IRRP project, originally scheduled for 2022 was postponed to 2023. Construction is scheduled to begin in early April 2023.
- Alder-Poplar, Merriam to Colville IRRP/TBD is scheduled to be complete in May 2023. The project is a partnership project with the Transportation Benefit District (TBD). Total project cost is estimated at \$8,000,000.

For additional information regarding these projects and other 2022 projects, please visit www.gowallawalla.us.