



Frazier Dr
Before



Frazier Dr After

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.

Respectfully submitted,

Paul Wemhoener

Dominick Elia

Kurt Othberg

Doug Simmons

Anna Erickson

Myron Huie



15 N. 3rd Avenue
Walla Walla, WA 9362
509.527.4537
wallawallawa.gov

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2018 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 ninth 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 (2010-2018)

Projects	Miles Completed	Miles Remaining	Average Miles Replaced Per Year
19	8.3	34.7	0.92

Infrastructure Replaced (2010-2017)

	2010-2016	2017	2018	TOTAL
Water Main Replaced (feet)	34,417	4,408	9,131	47,956
Sewer Main Replaced (feet)	29,808	3,645	8,756	42,209
Street Replaced (feet)	32,650	3,392	7,626	43,668
ADA Ramps Installed (each)	291	52	6	349

Program Funding

- \$21,099,360 spent to date on IRRP projects (2010-2018).
- In 2015, the IRRP Program paid back its initial start up bond.

2018 Projects

In this past year, the City completed three IRRP projects which included:
Wauna Vista Dr and Crestview Dr – from Hilbrooke Dr to Fern Ave
Frazier Dr – from Mountain Park Dr to Hood Pl
Pine St and Cherry St – from 13th Ave to Irene St

The table below provides a summary of costs for the 2018 IRRP program year.

	Projected IRRP Cost	Actual Cost	Difference
Wauna Vista	\$1,897,500	\$1,368,060	(\$529,440)
Frazier Drive	\$1,346,150	\$1,116,373	(\$229,777)
Pine & Cherry	\$1,273,938	\$1,973,773	\$699,835

The table below lists the improvements made in 2018 with IRRP funds.

	Wauna Vista	Frazier	Pine	Total
Water Main Replaced (feet)	3,013	2,453	3,665	9,131
Sewer Main Replaced (feet)	2,722	1,866	4,168	8,756
Street Replaced (feet)	3,050	2,137	2,439	7,626
ADA Ramps Installed (each)	2	0	4	6

2018 Quantitative Results

The 2018 IRRP projects replaced a total of 150 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 8,756 linear feet of sewer main replaced, 154 sewer services were also replaced.

2019 Projects

In 2019, the IRRP Program will complete two projects that currently have utility and roadway failures associated with them.

- The Tietan & Sunset IRRP project has project limits that extend from 4th Ave. to Modoc Street on Tietan, from Lodge Drive to Tietan Street on Sunset Street, from Winnebago Street to Milburn Street on S. 3rd Avenue, and Elliott Place. Total project cost is estimated at \$2,523,000.
- The Isaacs Avenue (Phase II) IRRP project has project limits from Division Street to Wilbur Avenue. Total project cost is estimated at \$8,575,000. Funding for this project includes successful outside grant support from several state and federal sources totaling \$5,112,000.

For additional information regarding these projects and other 2019 projects, please visit www.gowallawalla.us.