



Tietan Street Before



Tietan Street After



15 N. 3rd Avenue
Walla Walla, WA 99362
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wallawalla.gov

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.wallawalla.gov/government/public-works/programs.

Endorsed by,

- | | |
|-----------------|-----------------|
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2019 Annual Progress Report Infrastructure Repair and Replacement Plan (IRRP)

A WONDERFUL
PLACE TO

**LIVE
WORK
PLAY**

Introduction

The Infrastructure Repair and Replacement Plan (IRRP) has now completed its tenth 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 (2010-2019)

Projects	Miles Completed	Miles Remaining	Average Miles Replaced Per Year
21	9.4	33.6	0.94

Infrastructure Replaced (2010-2019)

	2010-2017	2018	2019	TOTAL
Water Main Replaced (feet)	38,825	9,131	5,155	53,111
Sewer Main Replaced (feet)	33,453	8,756	5,443	47,652
Street Replaced (feet)	36,042	7,626	5,741	49,409
ADA Ramps Installed (each)	343	6	33	382

Program Funding

- \$28,457,320 spent to date on IRRP projects (2010-2019).
- In 2015, the IRRP Program paid back its initial start up bond.

2019 Projects

In this past year, the City completed the Tietan & Sunset IRRP project and finished the first half of the Isaacs – Division to Wilbur IRRP.

The table below provides a summary of costs for the 2019 IRRP program year.

	Projected IRRP Cost	Actual Cost	Difference
Tietan & Sunset	\$2,373,000	\$2,106,883	(\$266,117)
Isaacs – Division to Roosevelt	\$1,750,000	\$1,575,704	(\$174,296)

The table below lists the improvements made in 2019 with IRRP funds.

	Tietan & Sunset	Isaacs – Division to Roosevelt	Total
Water Main Replaced (feet)	2,479	2,676	5,155
Sewer Main Replaced (feet)	3,120	2,323	5,443
Street Replaced (feet)	3,010	2,731	5,741
ADA Ramps Installed (each)	22	11	33

2019 Quantitative Results

The 2019 IRRP projects replaced a total of 86 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 5,443 linear feet of sewer main replaced, 102 sewer services were also replaced.

2020 Projects

In 2020, the IRRP Program will complete two projects that currently have utility and roadway failures associated with them.

- Construction of the second phase of the Isaacs Avenue IRRP (Roosevelt to Wilbur) will start back up this spring. The total remaining IRRP cost of that project is estimated at \$2,000,000.
- The S. 3rd Avenue IRRP project has project limits on 3rd Avenue from Stahl to Maple; on Maple from 4th to 2nd; on Walnut from 3rd to 2nd; on Whitman from 2nd to 1st; and on Thorne from 1st to Catherine. Total project cost is estimated at \$3,000,000.

For additional information regarding these projects and other 2020 projects, please visit www.gowallawalla.us.