

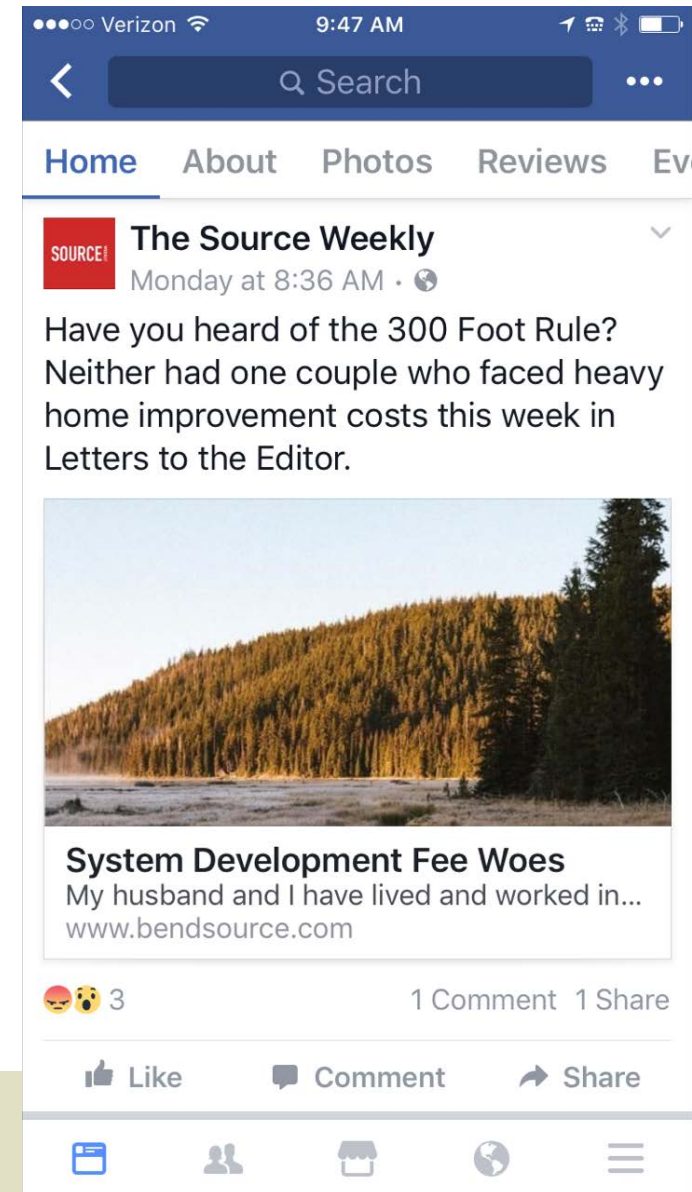


CITYWIDE SEPTIC TO SEWER CONVERSION PROGRAM

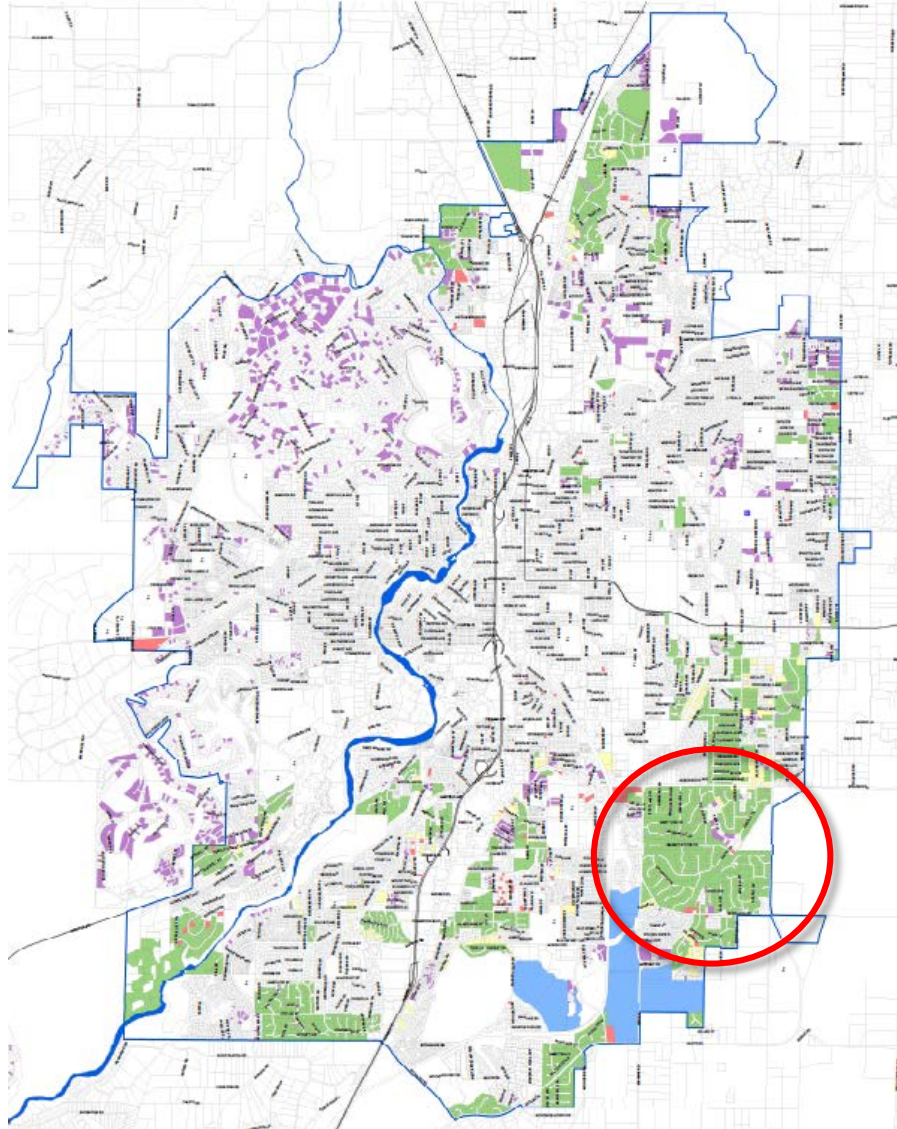
LINDSEY CROMSIGT, PE, PROJECT MANAGER
JUSTIN LIVINGSTON, BEND CITY COUNCILOR



- Background
 - Sewer Infrastructure Advisory Group (SIAG)
 - Southeast Interceptor (SEI)
- Septic to Sewer Conversion Program
- 2019 Neighborhood Extension Projects (NEP)
- Q & A

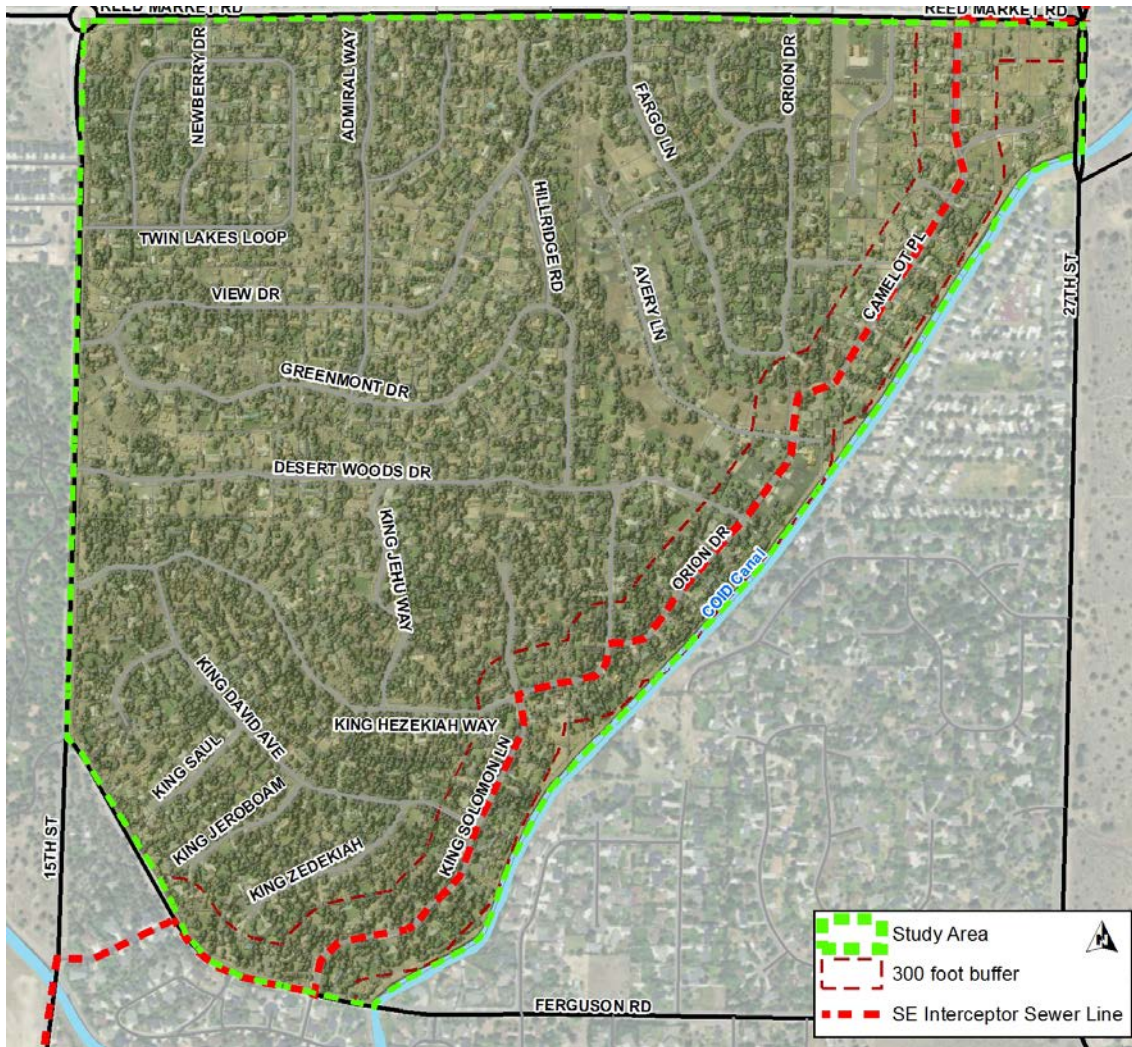


HOW DID WE GET HERE?



- **2012** – SIAG identified need to assist properties in SE Bend to transition from septic to sewer
 - Discussed in Collection System Master Plan (CSMP)
- **2016** – SIAG / Citizen Committee directed \$1M towards addressing issue of properties on septic; 2,800 septic systems citywide
- **2016/2017** – SEI construction
- **June 2017** – Septic to Sewer Advisory Committee (AC)
 - Engineering Design, Finance Strategy for 600-lot area near SEI
 - 300-foot rule driver
 - Public involvement

SEPTIC TO SEWER PROJECT AREA/COMMITTEE RECOMMENDATION



- 503 lots
 - 339 tanks are 25+ yr old
 - 69 tanks within 300 ft of sewer
- Cost estimate \$30MM
- **July 2018** – AC recommendations
 - \$25k cap
 - Citywide strategy
- Public listening sessions
- **December 19, 2018** – Council adopted Septic to Sewer Conversion Program
 - Funded with modest rate increases
 - \$2.5M anticipated annually

NEIGHBORHOOD EXTENSION PROGRAM (NEP)

NEIGHBORHOOD EXTENSION PROGRAM (NEP)



Neighborhood Extension Program (NEP):

- Establishes an application process and factors for consideration for neighborhoods adjacent to sewer to apply for funding for City to construct sewer down their street;
- Anticipates \$2.5M annually for the program;
- Requires a connection fee to recover all or part of the cost of laterals.

Capital Improvement Program (CIP):

- Sets a strategy for those areas with frontage along City sewer CIP projects;
- Requires a connection fee to recover all or part of the cost of laterals.

BEND CODE: PROGRAM HIGHLIGHTS



- **Establishes an assistance program/ process** for those that qualify as **low income to offset connection fees.**
- Removes references to 300-foot rule for septic systems
- **Does not change new development requirements to connect**



- Connection is voluntary **except that it is always mandatory** when either of the following occurs at any time:
 - The existing on-site septic system fails or needs repair or otherwise requires a County OAR 340 Division 71 or 73 permit, or
 - The property owner applies to the City or Deschutes County for any improvements adding capacity to the dwelling or to the existing septic system (which could be a subdivision of the property, an ADU, additions to the property, etc.).



1. Cost including design;
2. Number of properties to connect;
3. Whether other City construction projects are planned for the street identified in the application;
4. Percentage of property owners who signed the application;
5. Age and condition of existing septic systems; and
6. Other factors established by the City Manager.

COST TO CONNECT



	Neighborhood Extension Projects (NEP) & Related Capital Improvement Projects (CIP)		Southeast Interceptor (SEI) Stub-outs	
Cost	Fees if Connected Within 2 Years	Fees if Connected Beyond 2 Years	Fees if connected on or before Mar 15, 2021	Fees if Connected after Mar 15, 2021
Connection Fee*	\$4,250	\$8,500	\$0	\$8,500
System Development Charges (SDCs)	\$4,795	\$4,795	\$4,795	\$4,795
Private costs	Vary by lot	Vary by lot	Vary by lot	Vary by lot
Total	\$9,045 + private costs	\$13,295 + private costs	\$4,795 + private costs	\$13,295 + private costs

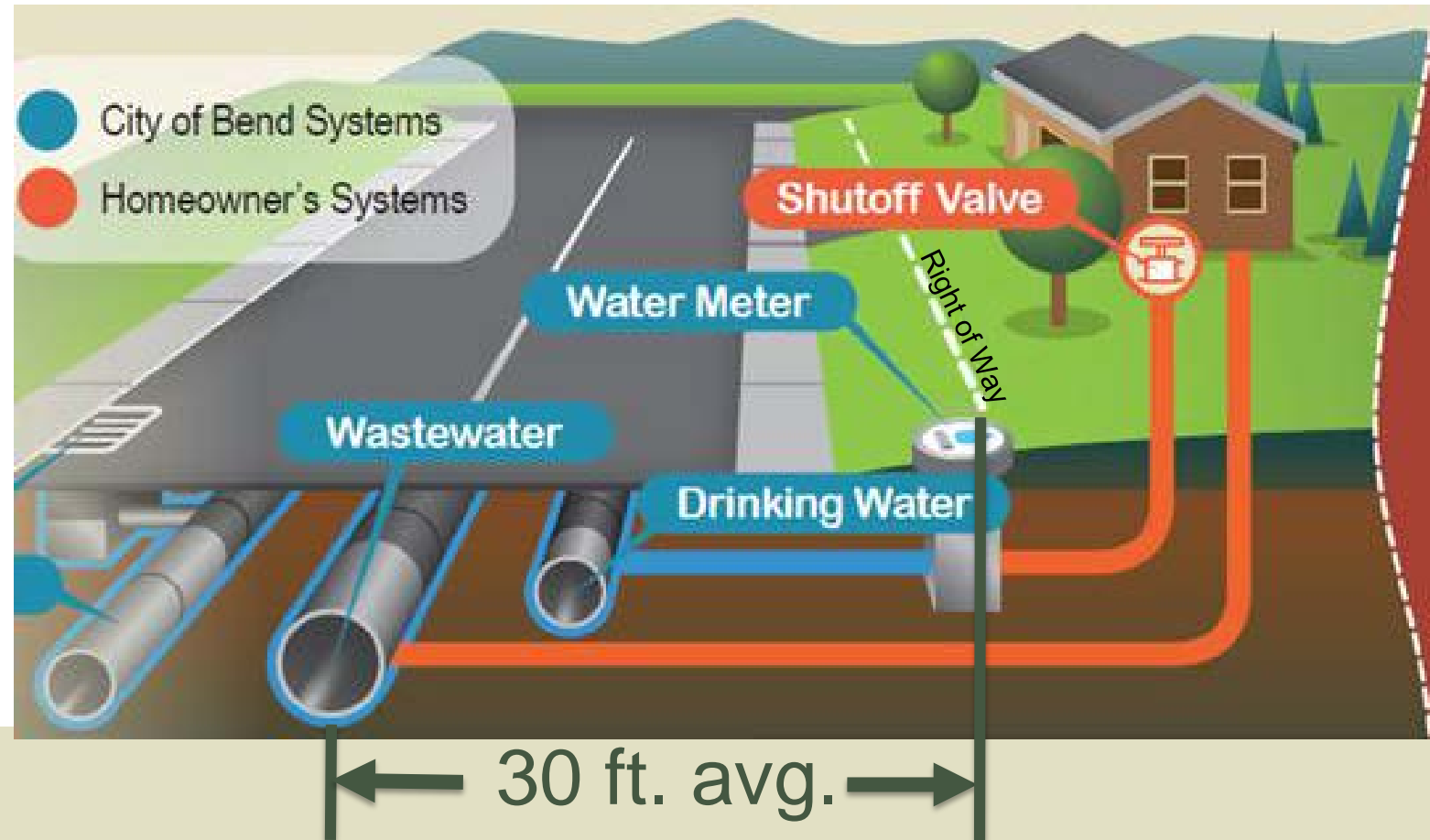
Private property costs vary widely- these figures are estimates and do not include private pumps where necessary, extensive landscaping or structure relocation, County and City permits, septic decommissioning, etc.

***City fees increase annually**

PRIVATE PROPERTY VS. PUBLIC ROW



- Residential street ROW is typically 60 ft. wide
 - 30 ft. assumed average service
 - SEI Service costs: \$250 - \$350 /ft.
 - Potential Connection Fee: \$7,500 - \$10,000
 - Main line in street: City ratepayers paying \$800-\$2000/ft.

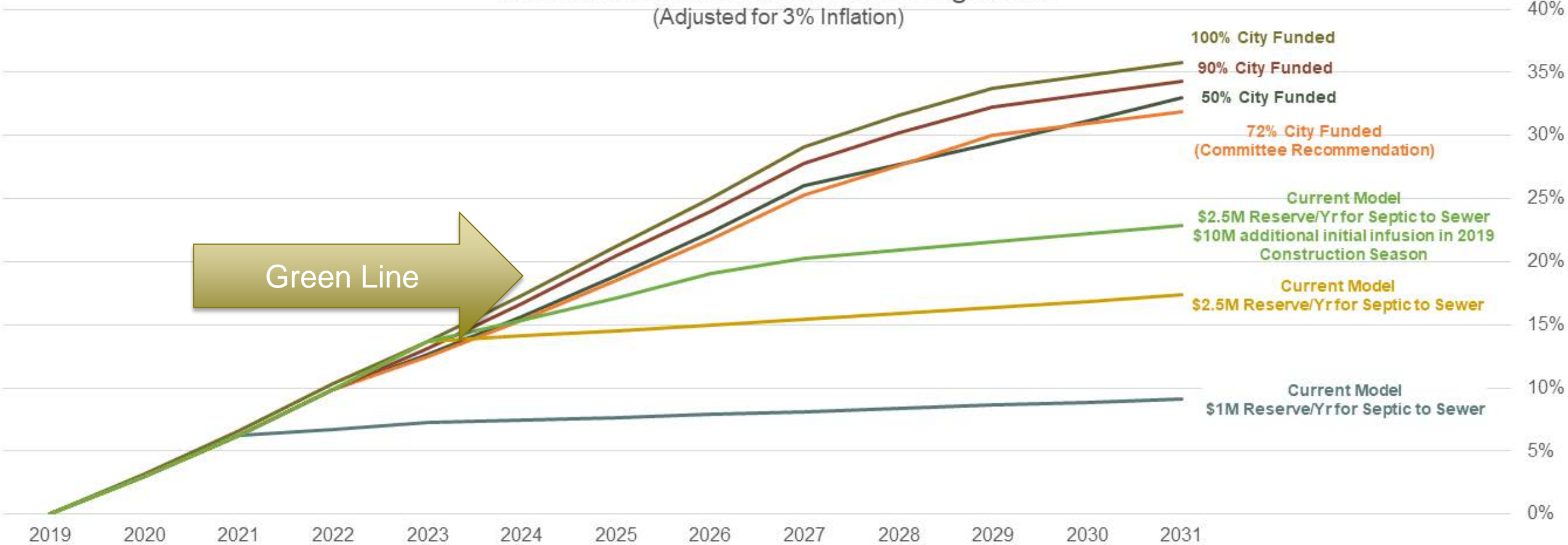


HOW IS THE CITY PAYING FOR THE PROGRAM?

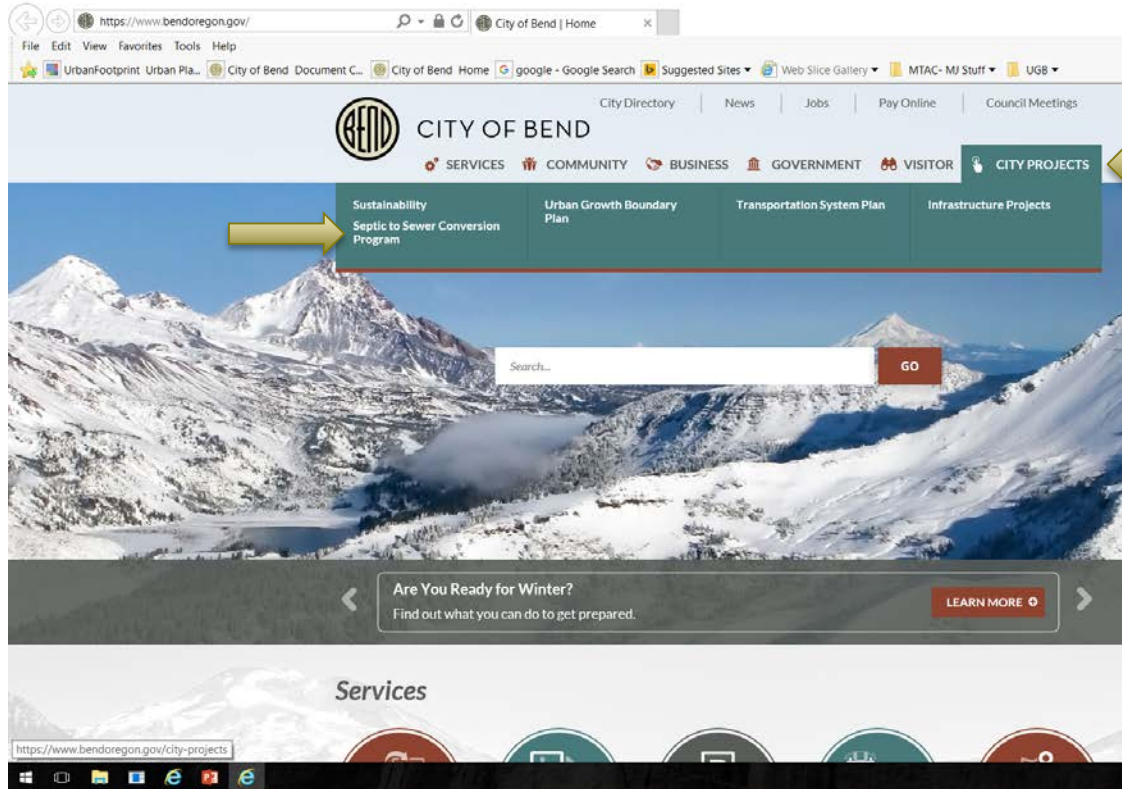
WASTEWATER RATE IMPACTS



Cumulative Rate Increases through 2031
(Adjusted for 3% Inflation)

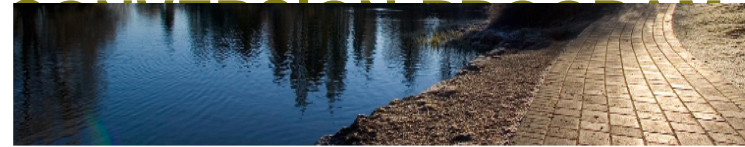


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The Citywide Septic to Sewer Conversion Program provides an avenue for neighborhoods to apply for funding for the City to extend sewer into areas that are reliant on septic systems.

The Bend City Council adopted amendments to the Bend Code on December 19, 2018, to establish the Citywide Septic to Sewer Conversion Program ([Link to Bend Code Ordinance](#)). The program is the result of 18 months of work with the [Septic to Sewer Advisory Committee](#) and recommendations from the committee. The program is funded through utility rate revenues, and allows residents to apply for roughly \$2.5M annually to extend sewer lines into neighborhoods through a Neighborhood Extension Project. The program becomes effective on February 1, 2019. Applications for 2019 are due on February 15, 2019 for construction anticipated during the 2019 construction season.

If selected for funding, property owners are responsible for their own private property costs, septic decommissioning, and other associated permits, a Connection Fee, Systems Development Charges, and other permit charges. The City pays, through ratepayer revenues, extension of sewer and laterals ('stub outs') to property lines. Please see the FAQ section for details on Connection Fees, evaluation criteria, etc.

[Neighborhood Extension Program Application](#)

FAQS

[Expand/Contract Questions and Answers](#)

1. What is the Septic to Sewer Conversion Program?
2. How much money is available for the Septic to Sewer Conversion Projects, and what can the money be used for?
3. What are the benefits of converting to City sewer?

QUESTIONS?



RESOURCES



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(541) 617-4520

**Community Development Department /
Private Development Engineering**

engineering@bendoregon.gov

(541) 388-5580 ext. 4

(info on sewer locations, plumbing permits,
septic authorization forms, SDCs, etc.)

**Deschutes County Onsite Wastewater
Treatment System Program**

541-388-6519

<https://www.deschutes.org/cd/page/onsite-wastewater-treatment-systems>

(info on septic systems, inspections, repair permits, septic decommissioning permits)

Program website

www.bendoregon.gov/city-projects/septic-to-sewer-conversion-program

Project-Specific Construction pages coming soon...