



# CITY OF TROUTDALE

“Gateway to the Columbia River Gorge”

## AGENDA

### CITY COUNCIL – REGULAR MEETING

Troutdale Police Community Center – Kellogg Room  
234 SW Kendall Court  
Troutdale, OR 97060-2078

**Tuesday, October 27, 2020 – 7:00PM**

**Mayor**  
Casey Ryan

**City Council**  
David Ripma  
Randy Lauer  
Jamie Kranz  
Glenn White  
Nick Moon  
Zach Hudson

**City Manager**  
Ray Young

**City Recorder**  
Sarah Skroch

#### Meeting Participation During COVID-19 Social Distancing Order

**Watch on T.V:** City Council Regular Meetings will be broadcast live on Comcast Cable Channel 30 (HD Channel 330) and Frontier Communications Channel 38 and replayed on the weekend following the meeting - Friday at 4:00pm and Sunday at 9:00pm.

**Watch on Zoom:** Submit an email to [info@troutdaleoregon.gov](mailto:info@troutdaleoregon.gov) by 5:00pm on Monday, October 26<sup>th</sup> to request to be sent an invitation to watch via Zoom.

**Submit Written Public Comment:** Written public comment can be submitted via email to [info@troutdaleoregon.gov](mailto:info@troutdaleoregon.gov) and must be received by 5:00pm on Monday, October 26<sup>th</sup>.

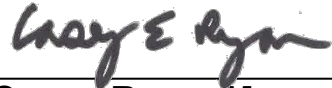
**In-Person Public Attendance:** Members of the public may attend the meeting in person. Attendees will be required to wear a mask and be spaced a minimum of 6 feet apart. The number of people in the room shall not exceed 25.

1. **PLEDGE OF ALLEGIANCE, ROLL CALL, AGENDA UPDATE.**
2. **PUBLIC COMMENT:** Public comment on non-agenda and consent agenda items is welcome at this time. *Public comment on agenda items will be taken at the time the item is considered. Public comments should be directed to the Presiding Officer, and limited to matters of community interest or related to matters which may, or could, come before Council. Each speaker shall be limited to 5 minutes for each agenda item unless a different amount of time is allowed by the Presiding Officer, with consent of the Council.*
3. **CONSENT AGENDA:**  
3.1 **MINUTES:** September 9, 2020 City Council Regular Meeting.
4. **PRESENTATION:** Broadband Survey Results.  
*Joanne Hovis, CTC Technology*
5. **PUBLIC HEARING / ORDINANCE (Introduced 10/13/20):** An ordinance to adopt text amendments to Troutdale Municipal Code Chapter 2.08 – Rules of the City Council.  
*Ray Young, City Manager*
6. **PUBLIC HEARING / ORDINANCE (Introduced 10/13/20):** An ordinance amending Troutdale Municipal Code Title 12 – Public Works.  
*Ray Young, City Manager*
7. **RESOLUTION:** A resolution establishing Solid Waste Collection Fees and repealing Resolution No. 2424.  
*Ryan Largura, Environmental Specialist*

**8. STAFF COMMUNICATIONS**

**9. COUNCIL COMMUNICATIONS**

**10. ADJOURNMENT**



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**Casey Ryan, Mayor**

**Dated: October 21, 2020**

City Council Regular Meetings will be replayed on Comcast Cable Channel 30 (HD Channel 330) and Frontier Communications Channel 38 on the weekend following the meeting - Friday at 4:00pm and Sunday at 9:00pm.

Further information and copies of agenda packets are available at: Troutdale City Hall, 219 E. Historic Columbia River Hwy. Monday through Friday, 8:00 a.m. - 5:00 p.m.; on our Web Page [www.troutdaleoregon.gov](http://www.troutdaleoregon.gov) or call Sarah Skroch, City Recorder at 503-674-7258.

The meeting location is wheelchair accessible. A request for an interpreter for the hearing impaired or for other accommodations for persons with disabilities should be made at least 48 hours before the meeting to: Sarah Skroch, City Recorder 503-674-7258.

**MINUTES**  
**Troutdale City Council – Regular Meeting**  
**Troutdale Police Community Center – Kellogg Room**  
**234 SW Kendall Court**  
**Troutdale, OR 97060**

**Tuesday, October 27, 2020 – 7:00PM**

**1. PLEDGE OF ALLEGIANCE, ROLL CALL, AGENDA UPDATE**

Council President Ripma called the meeting to order at 7:02pm.

**PRESENT:** Council President Ripma, Councilor Lauer, Councilor Kranz, Councilor White, Councilor Moon and Councilor Hudson.

**ABSENT:** Mayor Ryan (excused).

**STAFF:** Ray Young, City Manager; Kenda Schlaht, Deputy City Recorder; Ed Trompke, City Attorney; Chris Damgen, Community Development Director; Travis Hultin, Chief Engineer and Ryan Largura, Environmental Specialist.

**GUESTS:** See Attached.

Councilor President Ripma asked for agenda updates.

Ray Young, City Manager, replied there is a correction on the consent agenda item. The minutes dated September 9 should be corrected to show September 8.

**2. PUBLIC COMMENT:** Public comment on non-agenda and consent agenda items is welcome at this time.

Paul Wilcox, Troutdale resident, stated there is a typo in the September 8, 2020 City Council Regular Meeting minutes. He will forward an email to Sarah Skroch, Troutdale's City Recorder with the correction.

**3. CONSENT AGENDA:**

**3.1 MINUTES:** September 8, 2020 City Council Regular Meeting.

Councilor Kranz requested the consent agenda be deferred to the next Council meeting so she can listen to the audio from the September 8, 2020 meeting.

**4. PRESENTATION:** Broadband Survey Results.

<0:04:16>

Joanne Hovis, CTC Technology & Energy, showed the Council a PowerPoint presentation (attached as Exhibit A to these minutes).

<0:30:46>

Council President Ripma asked if the last 2 options are the recommendations that CTC Technology is making.

Joanne Hovis replied it's not what CTC is recommending. It's more that alternative scenarios are laid out so the Council could understand what more targeted and surgical interventions might look like if the comprehensive countywide strategy was not viable. It was done in consultation with the stakeholder group that included representation from all the cities that she met with.

**5. PUBLIC HEARING / ORDINANCE (Introduced 10/13/20):** An ordinance to adopt text amendments to Troutdale Municipal Code Chapter 2.08 – Rules of the City Council.

<0:36:41>

Ray Young gave a brief overview of the staff report.

Council President Ripma asked about allowing for public comment at work session meetings. He thought the CAC recommended allowing public comment at work sessions and asked to possibly add a provision for public comment on topics relevant to the work session, limited to 5 minutes.

Councilor Kranz stated she appreciates not having public comment always there. The concept of having it be public comment “may be allowed” would allow for that discretion depending on what that workload is for the Council.

Councilor White stated he always wants to hear from the public. He has seen work sessions where a committee chair or a private attorney heavily involved in processes attends and it's up to the Mayor to decide if that person gets to speak or not. He thinks public comment should always be included.

Councilor Lauer stated he's leaning more towards Councilor Kranz. Work sessions are sessions for the Council and staff to work through issues or things coming up before Council later.

Councilor Ripma explained he is satisfied with the language the way it is.

Ed Trompke, City Attorney, stated the presiding officer of any meeting has the ability to recognize anyone to speak that's not prohibited by the rules.

**Council President Ripma opened the public hearing at 7:46pm.**

Paul Wilcox, Troutdale resident, stated he thinks Resolution No. 2288 should be repealed because it gives conflicting direction compared to what is passed in the ordinance.

Council President Ripma closed the public hearing at 7:47pm.

**MOTION:** Councilor Lauer moved to adopt the ordinance to adopt text amendments to Troutdale Municipal Code Chapter 2.08 – Rules of the City Council. Seconded by Councilor Moon.

**VOTE:** Councilor Hudson - Yes; Council President Ripma – Yes; Councilor Lauer – Yes; Councilor Kranz – Yes; Councilor White – No and Councilor Moon – Yes.

**Motion passed 5-1.**

**6. PUBLIC HEARING / ORDINANCE (Introduced 10/13/20):** An ordinance amending Troutdale Municipal Code Title 12 – Public Works.

<0:46:49>

Ray Young gave a brief overview of the staff report.

Council President Ripma opened the public hearing at 7:51pm.

Council President Ripma closed the public hearing at 7:52pm.

**MOTION:** Councilor Lauer moved to adopt an ordinance amending Troutdale Municipal Code Title 12 – Public Works. Seconded by Councilor Moon.

**VOTE:** Councilor Hudson - Yes; Council President Ripma – Yes; Councilor Lauer – Yes; Councilor Kranz – Yes; Councilor White – Yes and Councilor Moon – Yes.

**Motion passed 6-0.**

**7. RESOLUTION:** A resolution establishing Solid Waste Collection Fees and repealing Resolution No. 2424.

<0:51:22>

Ryan Largura gave a brief overview of the staff report and showed a PowerPoint presentation (attached as Exhibit B to these minutes).

<1:00:00>

Mike Jeffries, Waste Management, stated he has worked for Waste Management for 24 years. He appreciates the partnership Waste Management has with the City of Troutdale. There is planning for some adjustments to be incurred as a result of Metro and raising region system fees. Metro is still looking to vote on an increase that could be effective as of January 1 and another increase that may be coming as of July 1. There's been a drastic change in recycling over the years. The last increase was to cover the processing costs associated with recycling. What Waste Management found was that that market has not come back. There's a processing charge of roughly \$100 - \$125 per ton based on commodities for what they can sell for.

Waste Management is trying to make sure that the right people are getting charged for the service that is provided.

<1:06:55>

Dean Kampfer, Waste Management, stated the contamination fee is a tool to help manage and educate customers on what is proper recycling and what's not. The rule is, anything that's on the recycling list is allowed and what's not on the list is prohibited.

Paul Wilcox, Troutdale resident, stated there was mention of Gresham raising their franchise fee from 5 to 10% and asked if the Troutdale staff has any thoughts on that possibility being done in Troutdale.

<1:15:02>

Ryan Largura stated the franchise fee in Gresham was increased by about 5%. That is an option that City Council can approve to increase as well.

**MOTION: Councilor Hudson moved to approve a resolution establishing Solid Waste Collection Fees and repealing Resolution No. 2424. Seconded by Councilor Kranz.**

**VOTE: Councilor Hudson - Yes; Council President Ripma – Yes; Councilor Lauer – Yes; Councilor Kranz – Yes; Councilor White – Yes and Councilor Moon – No.**

**Motion passed 5-1.**

## **8. STAFF COMMUNICATIONS**

<1:19:53>

Ray Young provided the following staff communications:

- SDIC is having its annual meeting of landowners on November 12th
- Metro is creating a Park and Nature Oversight Committee to help oversee the process of parks, open space and trails. If interested in applying, contact Ray Young.
- The Citizens Advisory Committee will be discussing the chicken issue next Wednesday on November 4<sup>th</sup>.
- The City is still trying to get the approval from the City of Portland to disburse the CARES money that has been allocated to the City of Troutdale.

## **9. COUNCIL COMMUNICATIONS**

Councilor Hudson congratulated all candidates in the election and reminded everyone to vote.

Council President Ripma stated the pandemic is still going and everyone in Troutdale is behaving very well and being patient.

Councilor Lauer stated he thinks Troutdale has been a shining example as to how to hold a campaign civilly and positively.

Councilor Kranz wished best of luck to all the candidates in the election.

Councilor White stated Councilor Moon and himself are going to be having their first Zoom meeting with the County Sheriff's HOPE Team on the East County Volunteers for Homelessness and he looks forward to sharing at a future Council meeting.

**10. ADJOURNMENT**

**MOTION: Councilor Lauer moved to adjourn. Seconded by Councilor Moon. Motion passed unanimously.**

Meeting adjourned at 8:27pm.



**Randy Lauer, Mayor**

**Dated: February 11, 2021**

**ATTEST:**



**Kenda Schlaht, Deputy City Recorder**

## October 27, 2020 City Council Regular Meeting Zoom Guest List

Name (Original Name)	User Email	Join Time	Leave Time	Duration (Minutes)
Dean Kampfer# WM		10/27/2020 18:34	10/27/2020 18:50	16
MetroEast		10/27/2020 18:44	10/27/2020 20:28	105
edtrompke		10/27/2020 18:49	10/27/2020 20:28	100
Paul Wilcox		10/27/2020 18:50	10/27/2020 20:28	99
Troutdale Conferencing	troutconf@troutdaleoregon.gov	10/27/2020 18:50	10/27/2020 20:28	98
Troutdale Conferencing	troutconf@troutdaleoregon.gov	10/27/2020 18:51	10/27/2020 20:28	97
Nick Moon		10/27/2020 18:53	10/27/2020 20:28	96
Zach Hudson	z.t.hudson@gmail.com	10/27/2020 18:53	10/27/2020 20:28	95
Chris Bell		10/27/2020 18:54	10/27/2020 20:22	88
Glenn White		10/27/2020 18:54	10/27/2020 20:28	94
Travis H		10/27/2020 18:55	10/27/2020 20:28	93
Dave Ripma	dripma@sharplabs.com	10/27/2020 18:56	10/27/2020 20:28	92
MJeffer		10/27/2020 18:56	10/27/2020 20:22	86
ryan.largura		10/27/2020 18:57	10/27/2020 20:28	91
15039070196		10/27/2020 18:59	10/27/2020 20:28	89
Fred Ostler		10/27/2020 18:59	10/27/2020 20:28	89
Jamie Kranz		10/27/2020 19:00	10/27/2020 20:28	89
Ray Young	ray.young@troutdaleoregon.gov	10/27/2020 19:00	10/27/2020 20:28	89
j. hovis		10/27/2020 19:00	10/27/2020 19:38	39
Randy Lauer		10/27/2020 19:01	10/27/2020 20:28	88
Rich Allen		10/27/2020 19:02	10/27/2020 20:28	86
Chris Damgen (Chris Damgen (Troutdale))		10/27/2020 19:02	10/27/2020 20:28	87
Dean Kampfer# WM		10/27/2020 19:08	10/27/2020 20:28	80
Nick Moon		10/27/2020 19:46	10/27/2020 20:13	27



Community broadband in  
Multnomah County:  
feasibility and strategy

Joanne Hovis | CTC Technology & Energy  
October 2020

# Summary of Tasks

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Current state

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Demand

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Supply

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Engineering solutions

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Business strategy & financial model

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Recommendations

# Task 1: Assess Agencies' current network capabilities & existing infrastructure

## Infrastructure

- Assess Partner Agency infrastructure assets (owned & leased)
- Conduct desk & field surveys
- Include public & Agency data

## Network capabilities

- Assess Agencies' internal network operations
- Evaluate how to maximize internal operations & capabilities

## Analyze current environment for residential broadband services

- Understand service availability
- Identify service gaps in unincorporated areas
- Project impact of likely carrier deployment (5G)

## Evaluate wide range of data

- FCC Form 477
- CAF II funding areas
- USDA RUS unserved areas
- Partner Agencies datasets
- Field survey
- Speed test data

## Task 3: Assess public broadband needs

Analyze middle and  
last mile  
requirements

Interview range of  
key stakeholders

Develop qualitative  
understanding of  
broadband needs,  
constraints,  
challenges

## Task 4: Conduct stakeholder outreach

Identify key local  
& regional  
stakeholders

Conduct on-site  
& phone  
interviews

Identify fiber  
broadband  
needs

Inventory  
functions fiber  
might support

Identify potential  
avoided leased  
circuit costs

# Task 5: Conduct market research

## Written residential survey

- Estimate demand for next-generation broadband services
- Design survey around three geographic areas:
  - Portland
  - Fairview, Gresham, Troutdale, & Wood Village
  - All other portions of County (mostly unincorporated)

## Online business survey

- Goal is to understand business broadband needs
- Use same three-part geographic framework

## Task 6: Assess potential for regional effort

Evaluate current regional elements of Partner Agencies' fiber networks

- Fiber connections to other local governments
- Colocation/peering sites
- Interconnection with regional networks

Consider opportunities for achieving goals in concert with regional cooperation, investment, & planning

- Technical
- Operational



# Task 7: Engage potential providers

## Seek input from ISPs

- Middle-mile & last-mile service providers
- Incumbent & competitive service providers in enterprise markets

## Goals

- Explore potential partnerships & joint opportunities, both in construction and operations

# Task 8: Design technical solutions

## Network Design

- System-level design
- Fiber network to meet Partner Agencies' stated goals & identified needs
- Suitable for Partner Agencies' or third-party operations, & multi-phase buildout

## Cost Estimate

- Appropriate for planning phase of project Inclusive of anticipated construction labor, materials, engineering, permitting, pole attachment licensing, quality control, & testing
- Inclusive of anticipated construction labor, materials, engineering, permitting, pole attachment licensing, quality control, & testing, with estimation of fiber plant mileage, number of homes & businesses, & anticipated percentages of aerial versus underground construction

## Task 9: Recommend business models

### Publicly-owned & facilitated strategies

- Comprehensive options
- Targeted or incremental options

### Public-private partnership strategies

- Public facilitation of private investment
- Public funding & private operations
- Public assets & private operations

# Task 10: Model financial parameters

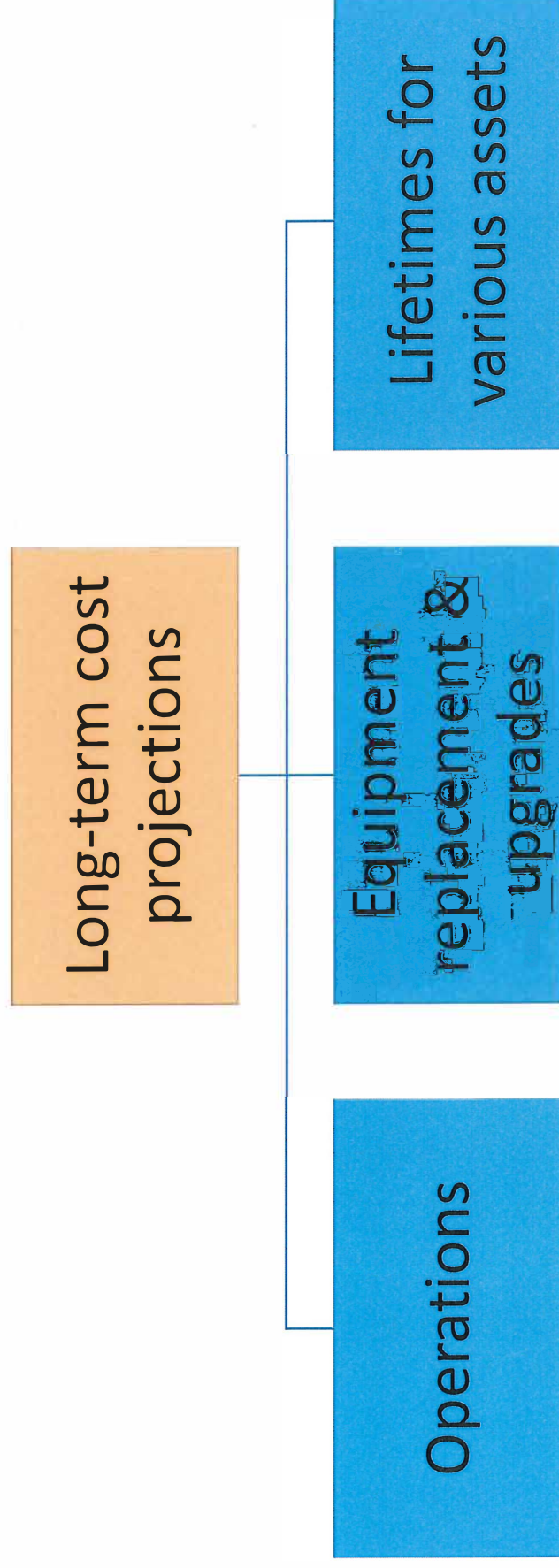
Develop financial model

- Capital investment required
- Financing
- Operations, maintenance, & repair

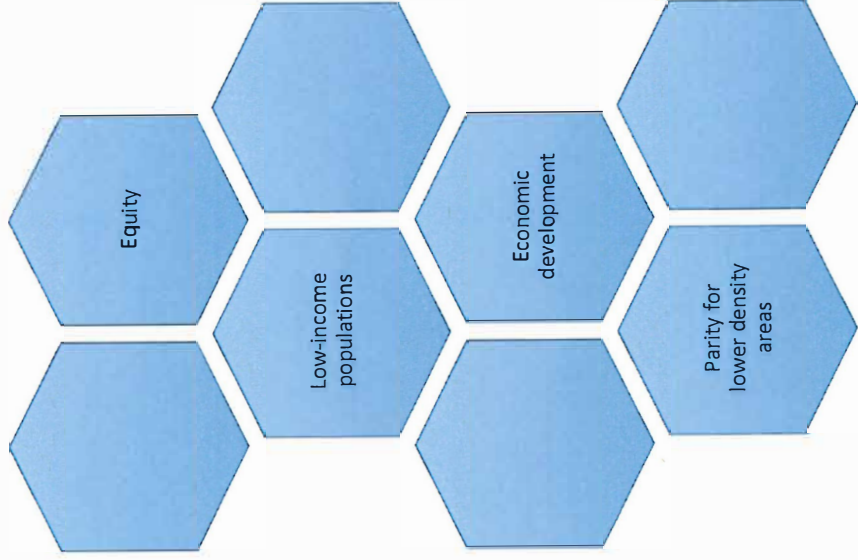
Evaluate financing & funding options

- Federal or state grants
- General obligation bonds, revenue bonds

# Task 11: Address lifecycle issues for infrastructure & technologies



# Goals & prioritization



## Stakeholders consistently identify equity & affordability as priorities

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*Partner Agencies communicated collective goals to ensure that:*

All residents have equal access to broadband (i.e., bridge the digital divide in terms of service availability)

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All residents can afford broadband (i.e., bridge the digital divide in terms of service affordability)

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All residents have unfettered access to information over broadband (i.e., net neutrality principles apply to their network)

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## Covid-19 has exacerbated the affordability challenge & illustrated the scale of the equity divide

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*Affordability & equity were universally identified as the critical needs in every process of data collection undertaken for this effort*

Pandemic reached the U.S. while this study was underway & amplified the Partner Agencies' goals

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Health & economic crisis created unprecedented demand for broadband access for K-12 education, telehealth, & employees who can work remotely

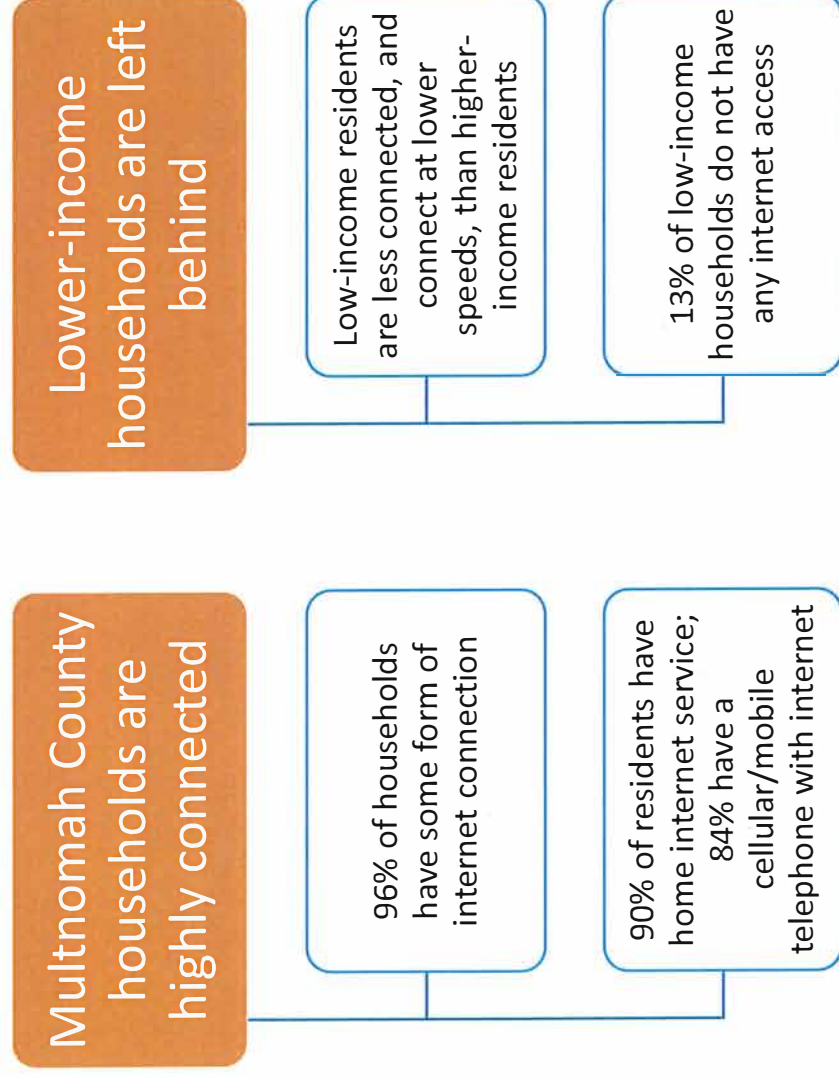
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Health crisis laid bare the stark broadband inequities faced by many households in the County

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# Residential market research confirms a digital divide based on income level



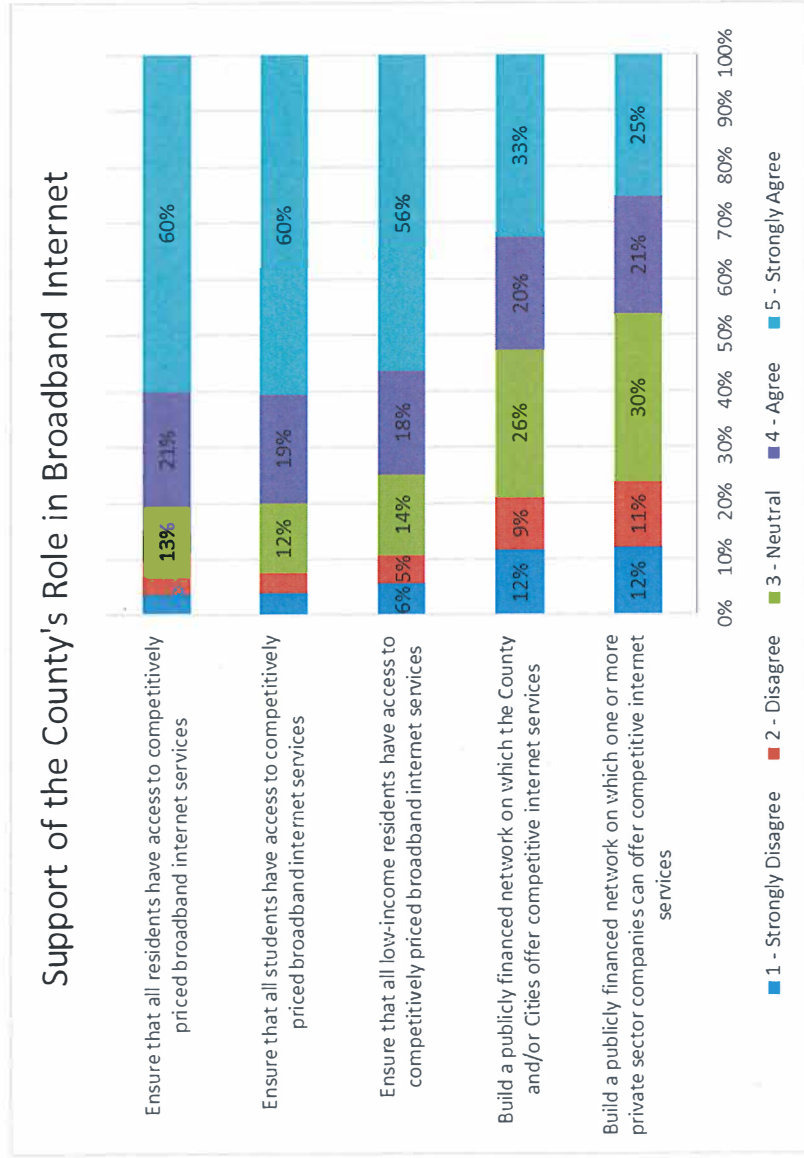
## Affordability is an issue

Lower-income households that have internet pay the same as higher-income households

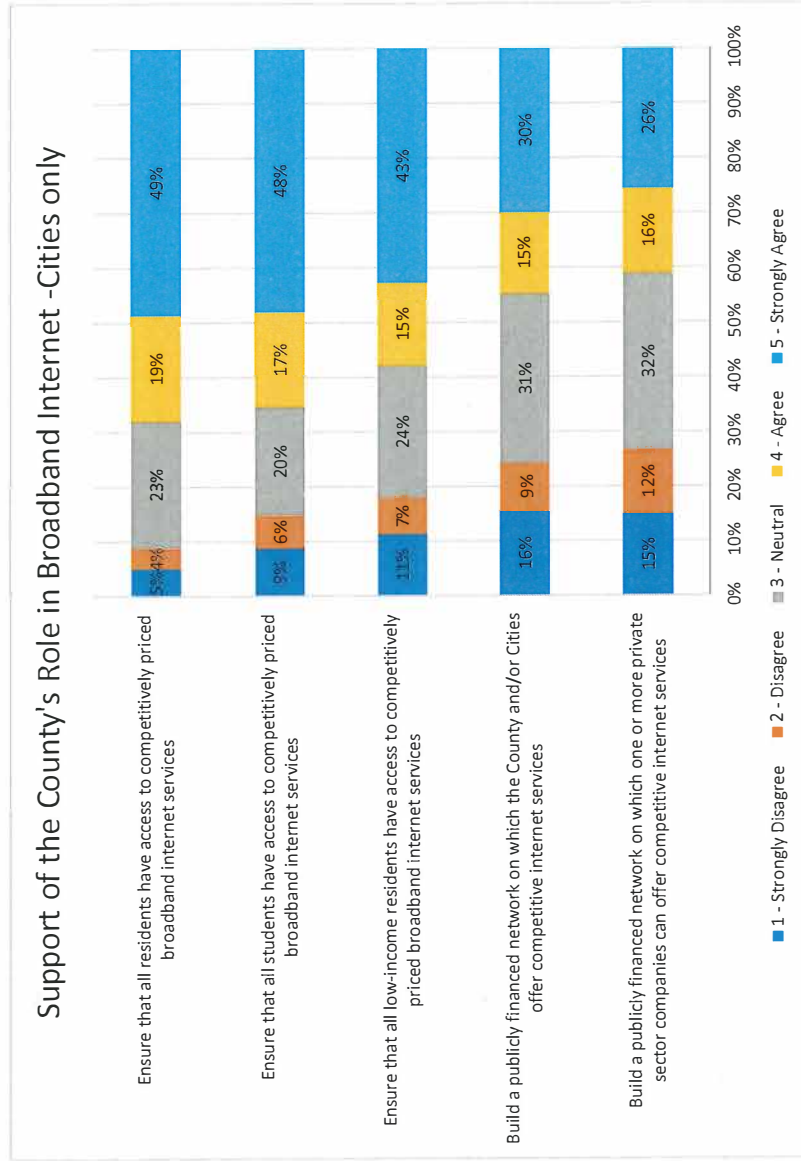
Household earning \$50,000 or less pay on average the same amount as the overall average: around \$70

Only 4 in 10 respondents agreed or strongly agreed that the market currently provides high-speed internet at prices they can afford

# Support for a government-operated network is fairly strong countywide...



# ...but lower in the eastside cities



Broadband is available in most of the County but some remote areas are unserved



Countywide fiber-to-the-premises would cost approximately \$1 billion

Street Miles	Passings	Passings Per Mile	Outside Plant Cost	Outside Plant Cost per Passing	Equipment Cost	Subscriber Costs	Total Cost
3,657.8	391,959	107	\$670,555,950	\$1,710	\$66,633,030	\$233,215,605	\$970,404,585

A network designed to pass only the County's unserved premises would cost \$47 million

Street Miles	Passings	Passings Per Mile	Outside Plant Cost	Outside Plant Cost per Passing	Equipment Cost	Subscriber Costs	Total Cost
355.0	2,800	8	\$44,375,000	\$15,848	\$476,000	\$1,666,000	\$46,517,000

## Construction costs would vary across the County

Portland will be the most expensive part of the County in which to build—at an estimated fiber construction cost of \$200,000 per mile

The remaining cities & unincorporated parts of the County will have lower per mile construction costs—an estimated cost of \$150,000 per mile

Constructing fiber only in the unserved portions of the County would cost \$125,000 per mile



## Countywide fiber-to-the-premises would require 36% take-rate for positive cash flow, depending on pricing

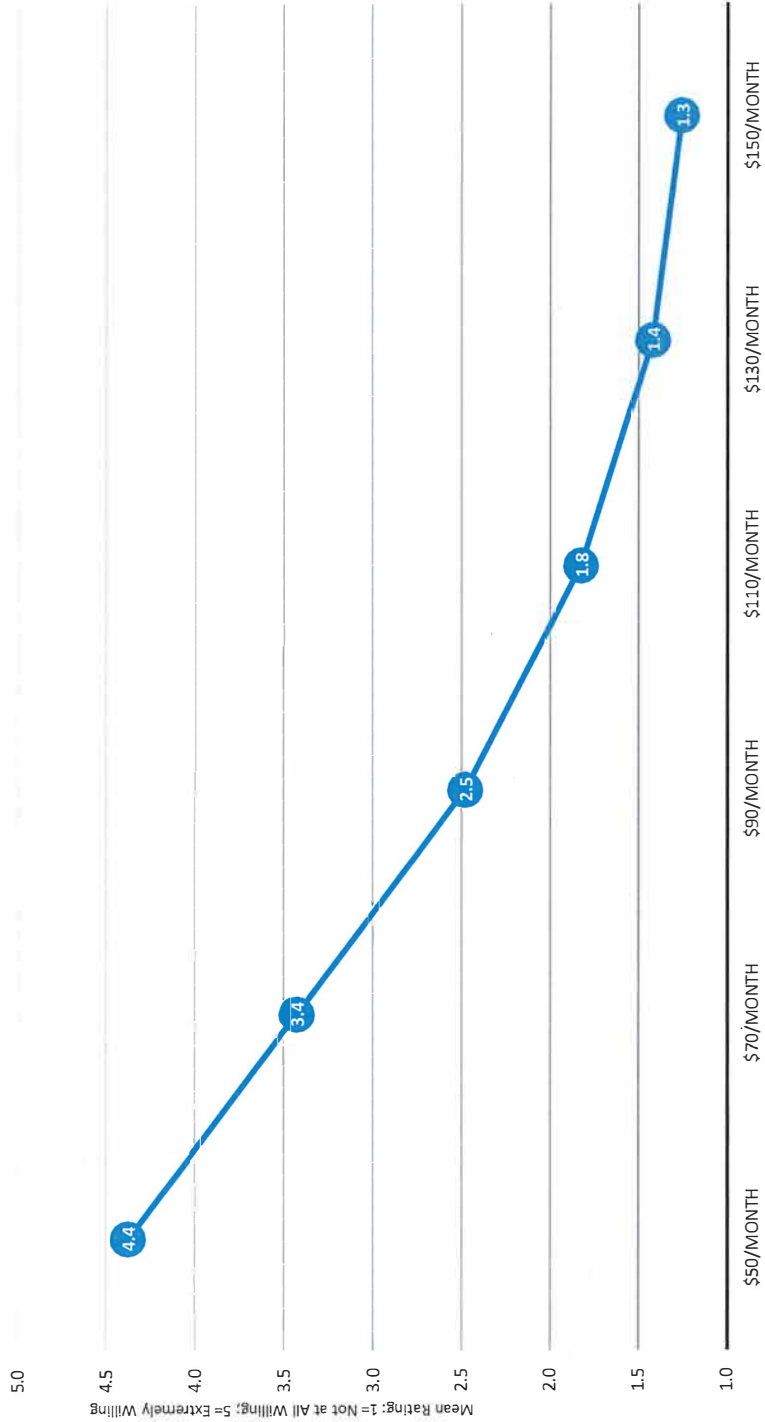
*Financial analysis suggests the countywide strategy could be self-sustaining*

Assuming a 4% bond interest rate & residential service fees of \$80 per month

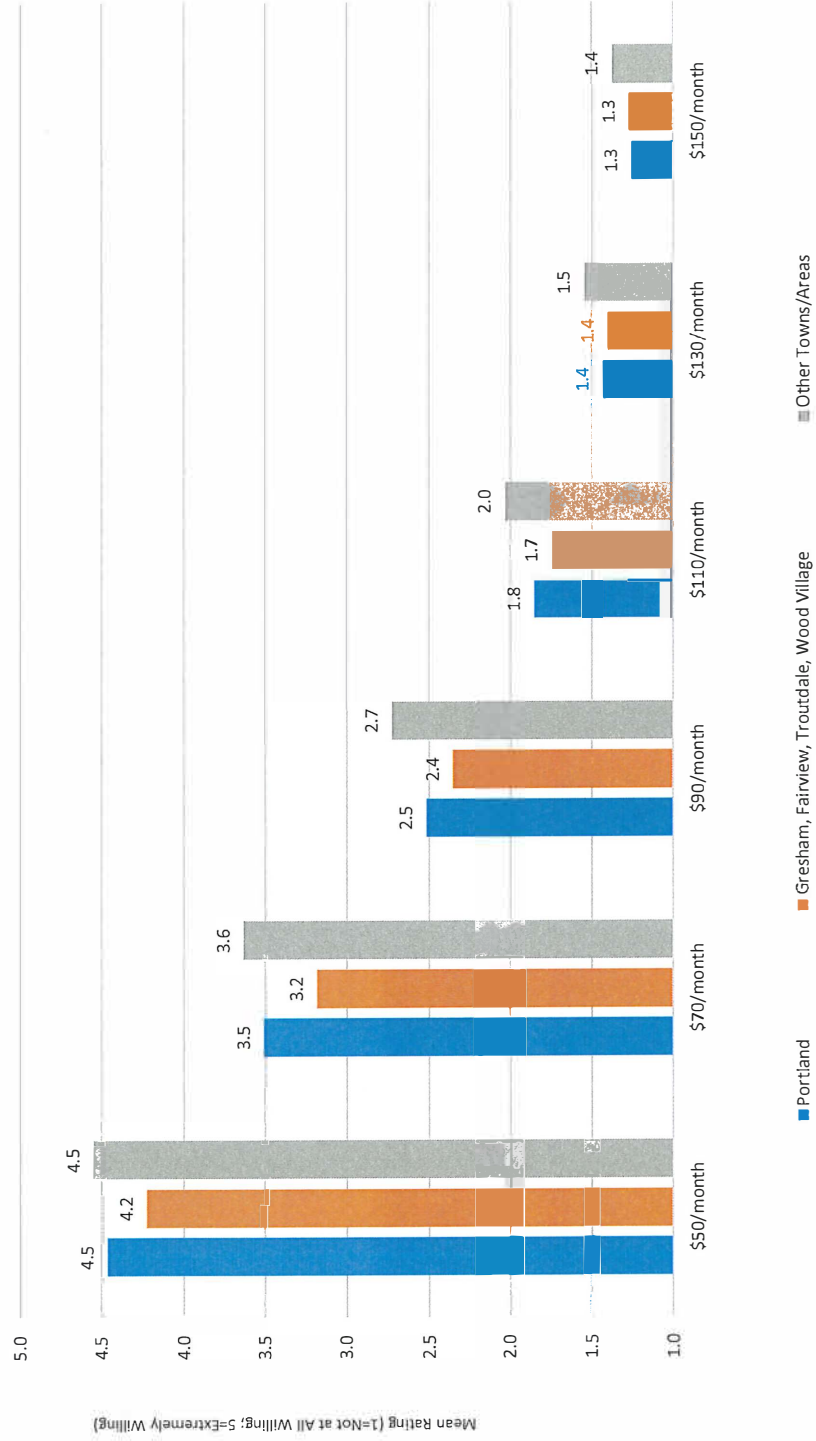
This level of take-rate is feasible

However, the model suggests a take-rate of 70% is required to achieve positive cash flow if the residential gigabit product is priced at \$50

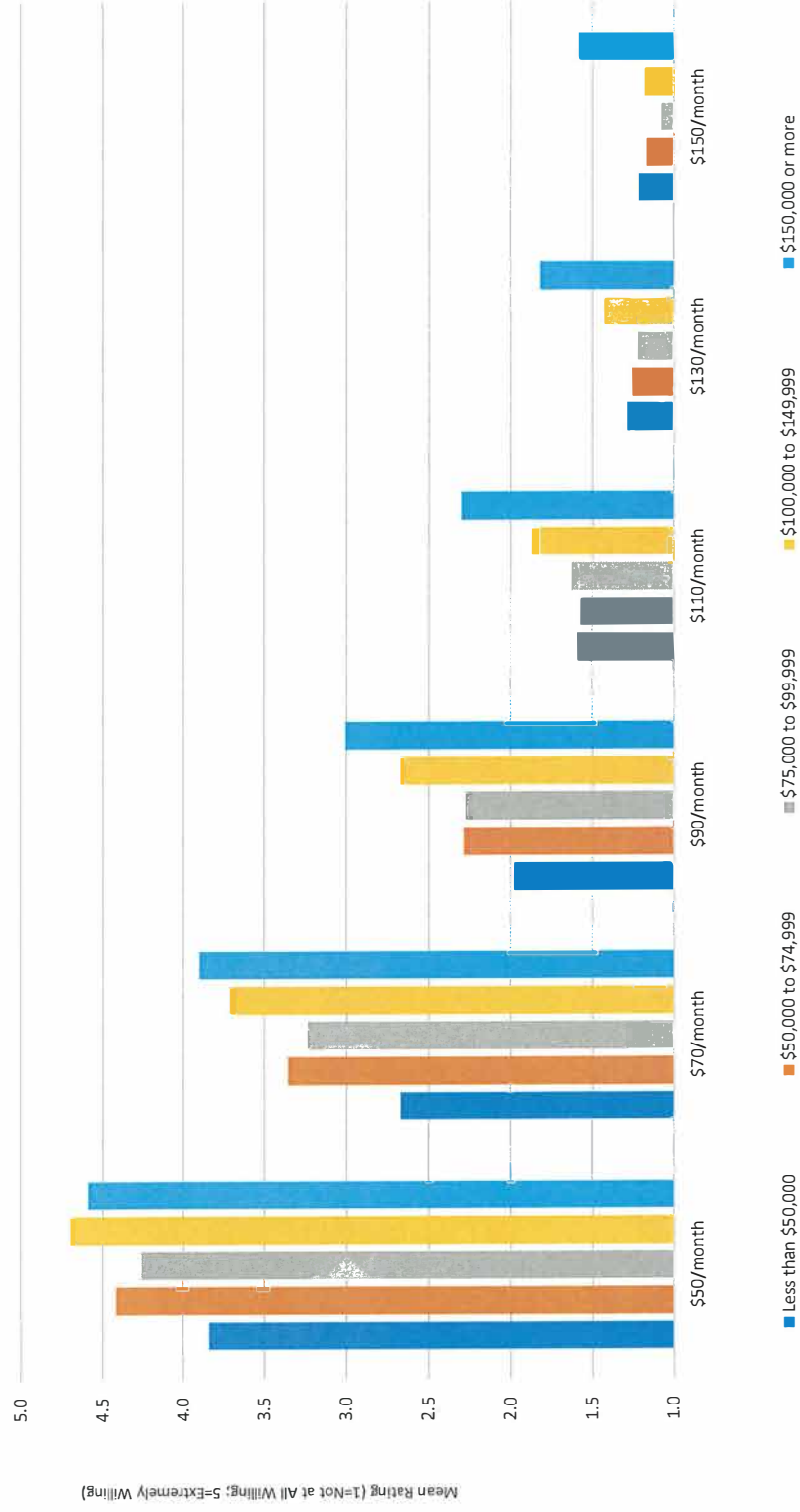
# Market research suggests consumer willingness to pay for fiber services falls off above \$50



# Price is a greater issue for respondents in the eastside cities



# Willingness to pay higher rates rises with household income



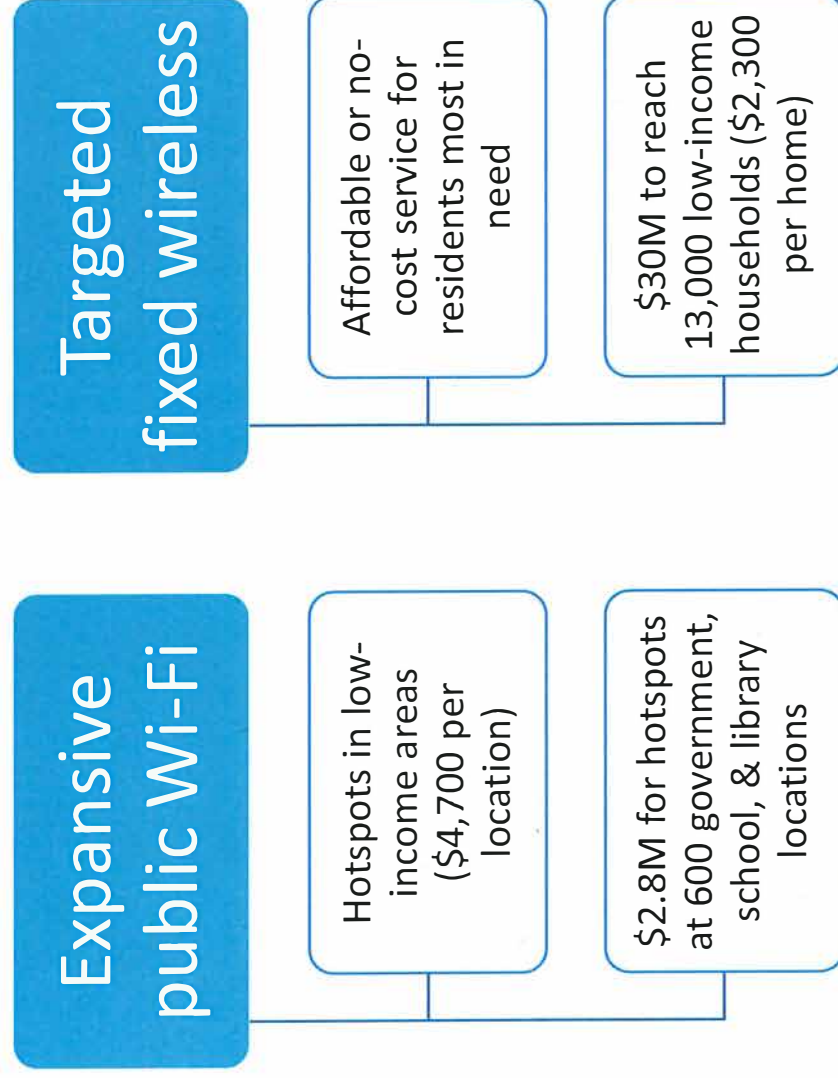
Financial model is sensitive to capital cost

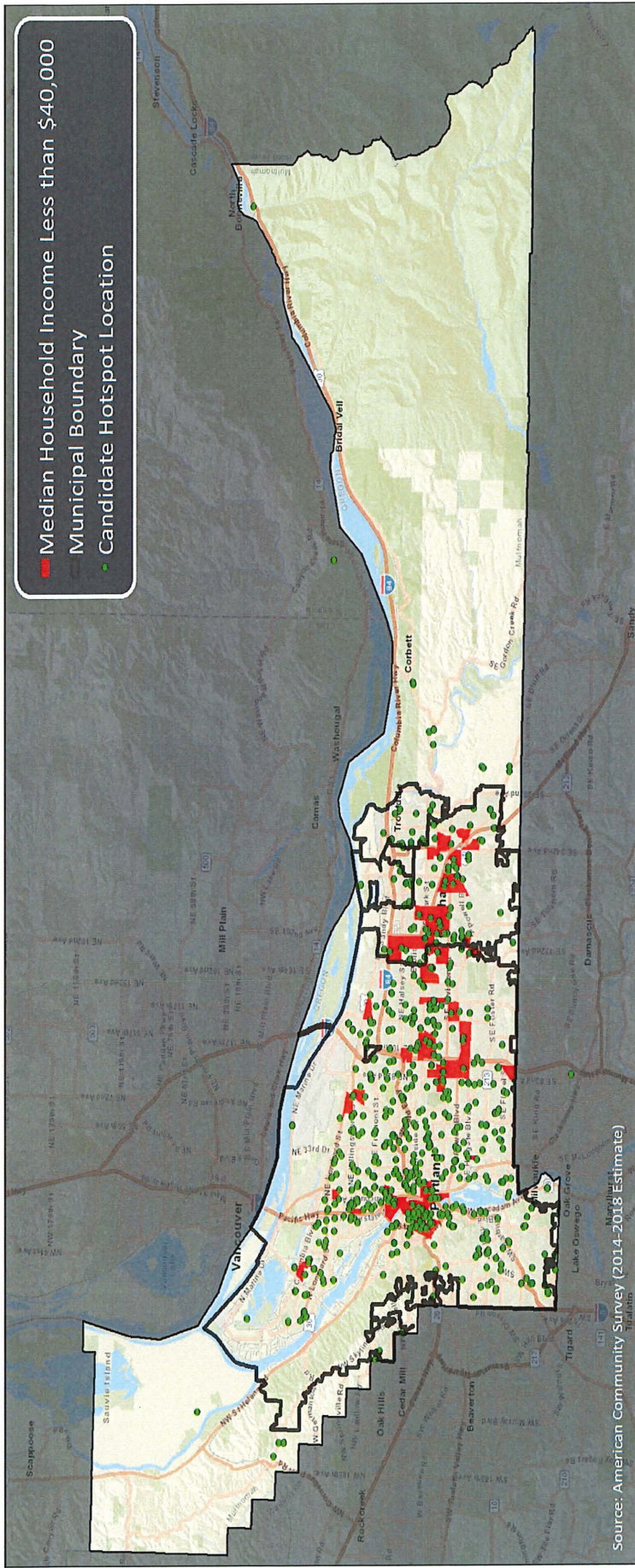
Scenario	Required Take-Rate
Base Case – 15% CapEx	30.5%
Base Case	36.5%
Base Case + 15% CapEx	44.5%

Financial model is sensitive to bond rate

Scenario	Bond Rate	Required Take-Rate
Base Case - 2.0 pp	2.0%	31.0%
Base Case	4.0%	36.5%
Base Case + 2.0 pp	6.0%	44.0%

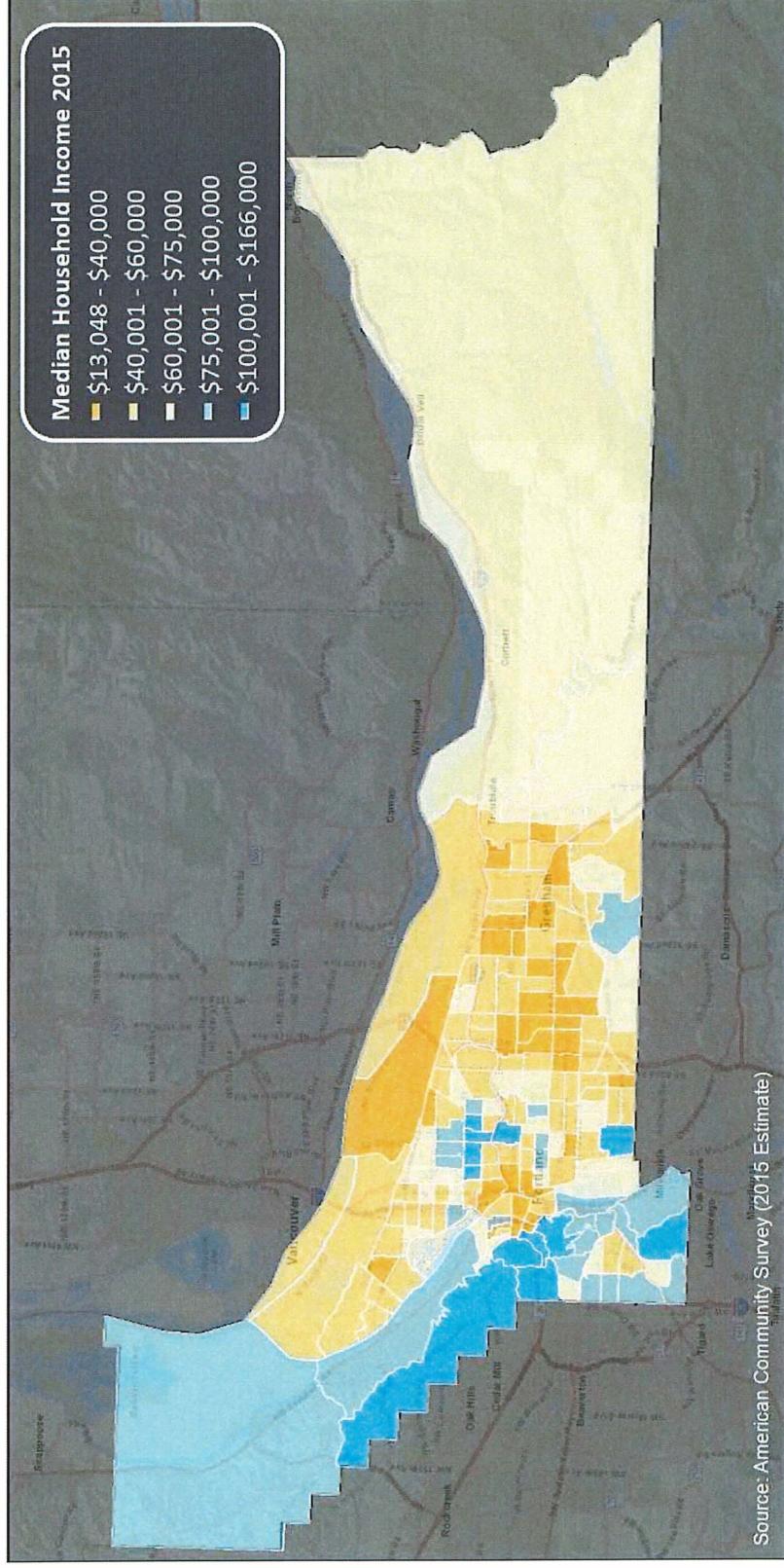
# Targeted wireless solutions could deliver broadband to low-income households







# Low-income areas are focus of fixed wireless approach



# Federal & state funding programs can address unserved and lower-income areas, but not countywide solutions

<b>Oregon Rural Broadband Capacity Program</b>
<ul style="list-style-type: none"><li>• Closed in early July</li><li>• Unserved areas only</li></ul>
<b>US DoC Economic Development Administration</b>
<ul style="list-style-type: none"><li>• Currently (CARES Act) and all year (annual appropriation)</li><li>• All areas with economic need</li></ul>
<b>USDA Community Connect</b>
<ul style="list-style-type: none"><li>• Currently underway</li><li>• Unserved areas only</li></ul>
<b>USDA ReConnect</b>
<ul style="list-style-type: none"><li>• Likely in early 2021</li><li>• Unserved areas only</li></ul>

# A Resolution Establishing Solid Waste Collection Fees

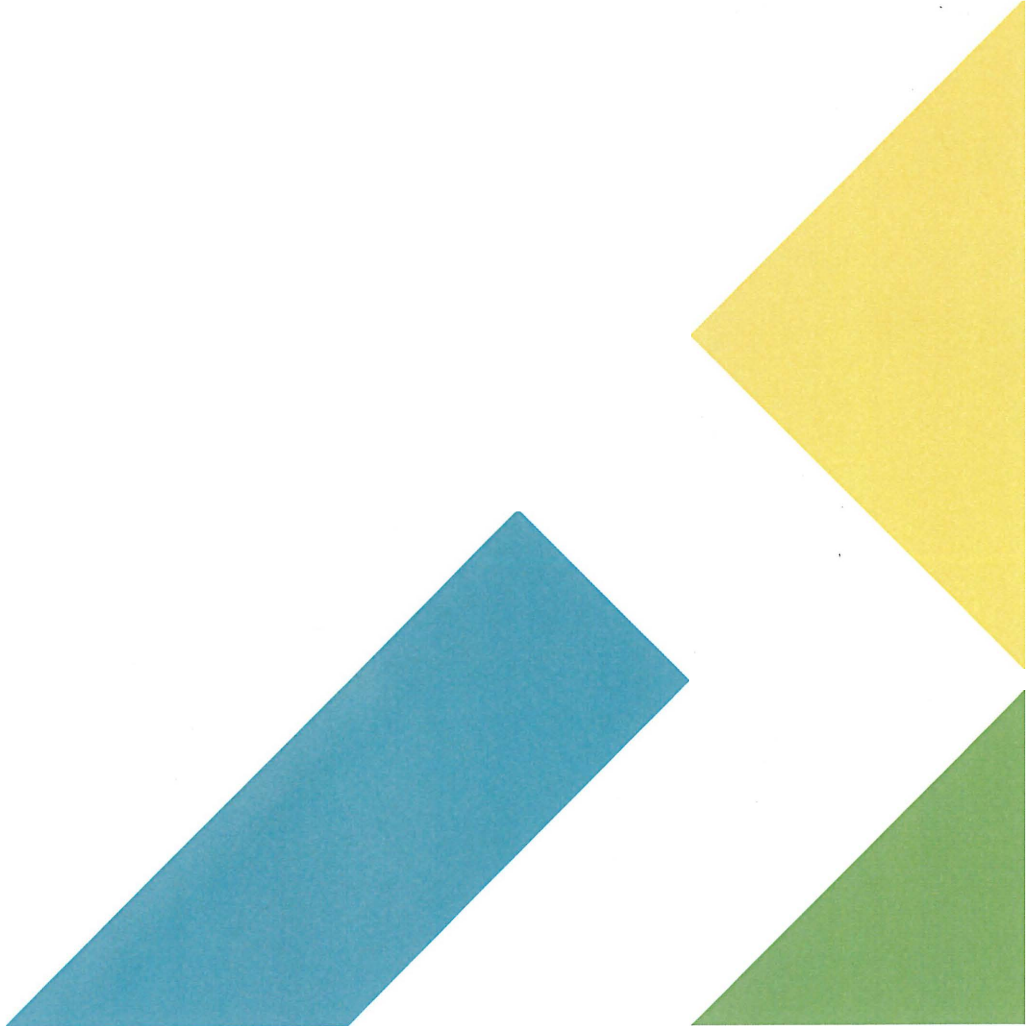
City of Troutdale

Public Works Department

October 27, 2020

**Exhibit B**

October 27, 2020 Council Meeting Minutes



# Background



## Chris Bell, CPA, of Bell and Associates

- 20 years waste and recycling industry experience
- Work completed for most Metro area jurisdictions
- Assisted Troutdale since 2003

## Rate Review Process

- A rate review is the examination of the financial results of operations to determine the cost of service
- Waste Management submits an annual Detailed Cost Report (DCR)
- The exclusive franchise agreement with Waste Management has an Operating Margin of 8%-12%

# Waste Management



## Operation Revenue in 2018 vs. 2019

- Increase of revenue in Carts/Containers for Garbage
- Decrease of revenue in Carts/Containers for Recycling, Yard Debris, and Drop Box services



## Troutdale Franchise Results of Operations

- 2019 Return on Revenue of Operations was 7.92%
- Projected 2020 Return on Revenue is 5.98%
- Requesting an increase of 5.1% for residential and commercial customers

# Factors Influencing the Service Rates



## Operational Costs

- Labor Agreement with Teamsters – 2.6%
- Truck and Equipment Costs – 1.8%
- Other costs are comparable to previous years
  - Direct Costs 81%
  - Indirect Costs 11%



## Governmental Costs

- Metro Regional System Fee projected to increase \$3.75 per ton
  - Assessed on all waste generated within Troutdale
- Oregon Corporate Activity Tax - 0.50% of revenue
  - Estimated cost of \$18,600



# Proposed Rates

## Residential Service

SW Cart	Current	Proposed	\$ ▲
20 gallon	\$26.05	\$27.38	\$1.33
35 gallon	\$30.85	\$32.42	\$1.57
60 gallon	\$35.75	\$35.57	\$1.82
90 gallon	\$42.85	\$45.04	\$2.19

## Commercial Service

Container	Current	Proposed	\$ ▲
2 cubic yd.	\$163.60	\$171.94	\$8.34
4 cubic yd.	\$310.90	\$326.76	\$15.86
6 cubic yd.	\$425.50	\$447.20	\$21.70
8 cubic yd.	\$567.35	\$596.28	\$28.93

# Regional Rate Comparison

Jurisdictions	Residential 35-gal. Cart/Can	Residential 60-gal. Cart/Can	Commercial 60-gal. Cart/Can	Commercial 4-yard <sup>3</sup> Container
City of Fairview (2019)	\$35.48	\$44.22	\$44.22	\$332.25
City of Gresham (2020)	\$34.14	\$44.84	\$40.36	\$331.95
City of Happy Valley (2020)	\$33.70	\$43.40	\$41.35	\$308.28
City of Milwaukie (2019)	\$32.40*	\$43.50	\$40.15	\$390.19
City of Troutdale (2020?)	\$32.42	\$37.57	\$36.73	\$326.76



# Recycling System Changes

## Commercial Recycling Service

- An added commercial recycling fee for commercial customers using containers that need greater recycling frequency and volume than paid for by their garbage rate
- Current practice is to provide additional recycling service at no extra cost
- A new rate would be applied to customers that require an excess of 150% volume and/or frequency of waste collection



# Recycling System Changes

## Residential Recycling Contamination Fee

- No charge for the first two contamination occurrences
- Customers would receive an “oops” tag to help educate them about obvious contamination
- Charges would apply to the third contamination occurrence and each additional occurrence after that
- \$6.00 per occurrence for contaminated recycling and yard debris
  - City of Hillsboro has also adopted such a fee





**CITY OF TROUTDALE**  
**PUBLIC WORKS**  
**DEPARTMENT**

**Questions?**



Thank you for your time.

**City of Troutdale**  
Public Works Department

