RESEARCH

League of Oregon Cities

Infrastructure Survey Report

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2024 Infrastructure Survey Report

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The 2024 Infrastructure Survey conducted by the League of Oregon Cities revealed significant infrastructure needs across Oregon's cities, covering both water and transportation sectors. The survey, which included responses from 125 cities, highlighted a combined total need of $12.2 billion for infrastructure projects. The survey also underscored disparities in funding needs and project scopes between smaller and larger cities, with larger cities requiring disproportionately higher investments. Key challenges identified include aging infrastructure, financial constraints, regulatory compliance, and the need for disaster resilience and water conservation measures.

Introduction

The 2024 Infrastructure Survey conducted by the League of Oregon Cities (LOC) aimed to assess the infrastructure needs across water and transportation sectors, particularly focusing on future forecasts and current challenges. The results revealed significant projected expenditures, disparities between city sizes, and a clear need for substantial funding to address current and future infrastructure requirements.

In terms of water infrastructure, the data highlighted stark differences between smaller and larger cities, with larger cities like Portland predicting expenditures in the billions. Specifically, Portland estimated $5.1 billion for water quality and $3.6 billion for water supply projects, underscoring the significant scale and complexity of needs in larger urban areas. Total water infrastructure needs across all respondent cities was $6.4 billion.

Transportation infrastructure also showed substantial funding requirements. The total estimated need for transportation infrastructure funding was $5.8 billion, with larger cities requiring the bulk of these funds due to their extensive road networks and higher traffic volumes. Key priorities identified by cities included sustainable funding for maintenance, upgrading traffic signals, and enhancing pedestrian safety. Smaller cities, however, face unique challenges such as limited staffing and financial resources, complicating their ability to meet infrastructure demands.

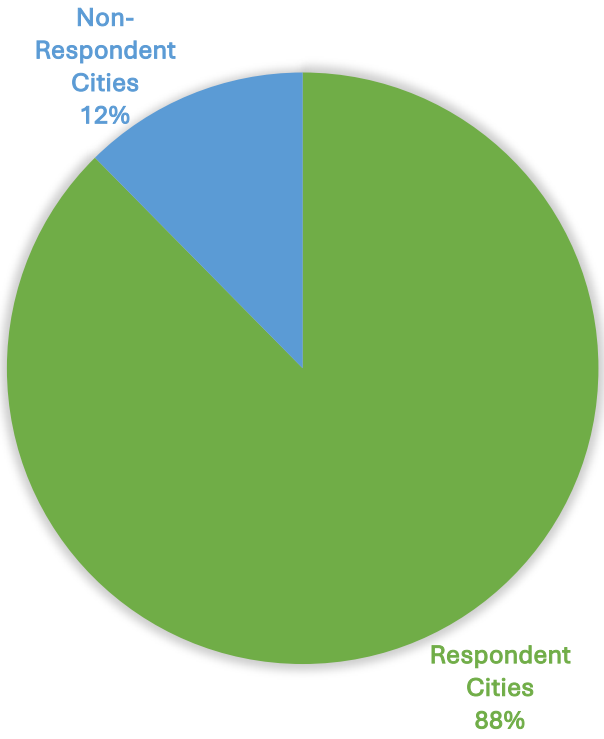
The survey also explored cities' preparedness for future infrastructure needs, emphasizing disaster resilience and water conservation. On average, cities spent $39,494 in Fiscal Year 2023 on water conservation education, with larger cities investing significantly more. The majority of cities anticipate the need for major water storage projects within the next 20 years, highlighting the critical importance of securing adequate funding and resources. Additionally, cities expressed difficulties in obtaining funding for infrastructure projects, particularly for transportation and water, due to complex application processes and limited local matching funds.

Finally, the survey incorporated questions about infrastructure needs to support new housing development, including affordable housing. The responses indicated that many infrastructure projects are directly tied to housing development, with a significant portion supporting affordable housing initiatives. This data is crucial for the upcoming 2025 legislative session, where the LOC will advocate for substantial state funding to address these infrastructure needs, ensuring that cities are well-equipped to support future growth and development.

Survey Methods

This survey was conducted from March 4 to April 26, 2024. Responses were received from 125 cities (out of Oregon's 241 cities) and represent 2,691,289 residents, or 88% of the population residing in Oregon cities. The LOC created the survey with Qualtrics and distributed it to city managers, city recorders, and other individuals with positions equal to a city's chief executive officer. These individuals often relied on support from relevant city staff or forwarded the survey to be completed by city staff.

Population		
	#	%
Quintile		
1st Quintile	14	11.2%
2nd Quintile	19	15.2%
3rd Quintile	22	17.6%
4th Quintile	29	23.2%
5th Quintile	41	32.8%
TOTAL	125	
Region		
N. Coast	12	9.6%
Metro	19	15.2%
N. Willamette	19	15.2%
S. Willamette	16	12.8%
C. Coast	6	4.8%
S. Coast	6	4.8%
S. Oregon	10	8.0%
Gorge	6	4.8%
C. Oregon	8	6.4%
SC Oregon	3	2.4%
NE Oregon	14	11.2%
E. Oregon	6	4.8%
TOTAL	125	



As part of compiling this research and producing this report, cities were divided into population quintiles, or groups of cities each representing roughly one-fifth of the 241 total cities. This provides a more accurate comparison of differences among city populations. If the LOC randomly selected cities from each quintile, we would expect 20% to come from each of the five quintiles. Respondent distributions by population quintiles were overrepresented in the 4th and 5th quintiles and underrepresented in the 1st and 2nd quintiles. This imbalance in respondents by population is common in LOC surveys. Regionally, there was overrepresentation in the North Coast, Metro, and South Willamette regions as well as in Central Oregon region. Further, the survey showed an underrepresentation of cities in several regions, including North Willamette, Central Coast, Southern Oregon, Gorge, South-Central Oregon, and Eastern Oregon regions. In the above table, cells marked with green indicate an overrepresentation and those in red denote underrepresentation.

Please see Appendix D for a map of LOC's Small Cities Regions.

Water Infrastructure Results

20-Year Forecast

Cities were asked to estimate, over the next 20 years, how much they will spend to repair, replace, or expand capacity for water infrastructure capital projects. Cities were asked for information on water quality and water supply projects. On average, respondent cities forecasted $93.5 million in water quality projects and $76 million for water supply projects. Tables 1 and 2 below show the averages by population quintile as well as Small City Region.

Water Quality capital projects 20 Yr. Forecast?		#
Quintile		
1st Quintile	$	4,545,455
2nd Quintile	$	6,113,333
3rd Quintile	$	13,052,715
4th Quintile	$	43,540,235
5th Quintile	$	233,453,457
TOTAL	$	93,533,541
Region		
N. Coast	$	34,863,636
Metro	$	497,038,083
N. Willamette	$	41,216,938
S. Willamette	$	45,037,143
C. Coast	$	66,118,600
S. Coast	$	47,090,925
S. Oregon	$	20,334,892
Gorge	$	16,125,000
C. Oregon	$	105,229,167
SC Oregon	$	54,666,667
NE Oregon	$	26,800,500
E. Oregon	$	17,513,424
TOTAL	$	93,533,541

Table 1: Average Water Quality Project Forecast

Water Supply capital projects 20 Yr. Forecast?		#
Quintile		
1st Quintile	$	4,201,667
2nd Quintile	$	6,162,500
3rd Quintile	$	11,563,478
4th Quintile	$	33,619,246
5th Quintile	$	195,356,544
TOTAL	$	76,125,852
Region		
N. Coast	$	21,592,727
Metro	$	314,690,800
N. Willamette	$	37,012,051
S. Willamette	$	39,734,314
C. Coast	$	49,001,000
S. Coast	$	63,772,133
S. Oregon	$	65,610,190
Gorge	$	16,620,000
C. Oregon	$	82,730,667
SC Oregon	$	41,666,667
NE Oregon	$	17,468,654
E. Oregon	$	11,265,333
TOTAL	$	76,125,852

Table 2: Average Water Supply Project Forecast

Notice the extreme difference between cities in the 1st and 5th quintile in these tables. It should be noted that these numbers are averages, and therefore subject to skewing from a single large outlier. In this case, the city of Portland forecasted $5.1 billion was needed over 20 years for water quality projects and $3.6 billion for water supply projects. While removing Portland from these tables does reduce the average in Oregon's largest cities, Tables 3 and 4 show that the 5th quintile still is significantly different from the smallest cities in LOC.

Water Quality capital projects 20 Yr. Forecast? (Without Portland)		
	#	
Quintile		
1st Quintile	$	4,545,455
2nd Quintile	$	6,113,333
3rd Quintile	$	13,052,715
4th Quintile	$	43,540,235
5th Quintile	$	89,731,500
TOTAL	$	44,732,896
Region		
N. Coast	$	34,863,636
Metro	$	76,768,818
N. Willamette	$	41,216,938
S. Willamette	$	45,037,143
C. Coast	$	66,118,600
S. Coast	$	47,090,925
S. Oregon	$	20,334,892
Gorge	$	16,125,000
C. Oregon	$	105,229,167
SC Oregon	$	54,666,667
NE Oregon	$	26,800,500
E. Oregon	$	17,513,424
TOTAL	$	44,732,896

Table 3: Average Water Quality Project Forecast (No PDX)

Water Supply capital projects 20 Yr. Forecast? (Without Portland)		
	#	
Quintile		
1st Quintile	$	4,201,667
2nd Quintile	$	6,162,500
3rd Quintile	$	11,563,478
4th Quintile	$	33,619,246
5th Quintile	$	98,081,017
TOTAL	$	43,497,387
Region		
N. Coast	$	21,592,727
Metro	$	80,025,857
N. Willamette	$	37,012,051
S. Willamette	$	39,734,314
C. Coast	$	49,001,000
S. Coast	$	63,772,133
S. Oregon	$	65,610,190
Gorge	$	16,620,000
C. Oregon	$	82,730,667
SC Oregon	$	41,666,667
NE Oregon	$	17,468,654
E. Oregon	$	11,265,333
TOTAL	$	43,497,387

Table 4: Average Water Supply Project Forecast (No PDX)

These forecasts estimate the cost not only of building the water infrastructure in respondent cities, but also the costs of upkeep. The next two sections will provide specifics on the overall cost of the top three projects in each category.

Water Quality Projects

The LOC asked cities to provide information on their top three water quality projects. This could include projects such as constructing wastewater treatment, stormwater facilities, water reuse, etc. The LOC sought a list of such projects, as well as estimated costs, estimated completion time, and housing units serviced (to be discussed later). Table 5 and 6 show the average cost of each project as well as the total cost of all water quality projects, respectively.

Average Water Quality Project Costs		
	#	
Quintile		
1st Quintile	$	4,895,378
2nd Quintile	$	4,697,467
3rd Quintile	$	6,065,548
4th Quintile	$	9,808,443
5th Quintile	$	21,616,299
TOTAL	$	12,348,151
Region		
N. Coast	$	7,720,000
Metro	$	28,807,241
N. Willamette	$	8,532,172
S. Willamette	$	9,718,185
C. Coast	$	4,073,350
S. Coast	$	3,773,576
S. Oregon	$	10,690,654
Gorge	$	12,269,600
C. Oregon	$	22,631,690
SC Oregon	$	19,503,526
NE Oregon	$	10,299,815
E. Oregon	$	5,057,168
TOTAL	$	12,348,151

Table 5: Average Water Quality Project Costs

Total Water Quality Projects Costs		
	#	
Quintile		
1st Quintile	$	78,326,051
2nd Quintile	$	155,016,400
3rd Quintile	$	200,163,098
4th Quintile	$	519,847,486
5th Quintile	$	1,664,455,000
TOTAL	$	2,617,808,035
Region		
N. Coast	$	162,120,000
Metro	$	835,410,000
N. Willamette	$	298,626,034
S. Willamette	$	262,391,000
C. Coast	$	40,733,500
S. Coast	$	41,509,340
S. Oregon	$	192,431,765
Gorge	$	122,696,000
C. Oregon	$	226,316,896
SC Oregon	$	117,021,155
NE Oregon	$	278,095,000
E. Oregon	$	40,457,345
TOTAL	$	2,617,808,035

Table 6: Total Water Quality Project Costs

On average, respondent cities listed two water quality infrastructure projects each. Table 5 shows the effect that population can have on the estimated cost of a relatively small number of capital projects. In total, the 125 respondent cities in Oregon require $2.6 billion for these projects. Note that Portland has not been excluded from these tables.

The mean date estimated for completion of these projects is 2028. This indicates that many of these projects have either already begun or are ready, provided appropriate funding is in place.

Water Supply Projects

The LOC asked cities to provide information on their top three water supply projects. Cities listed several projects, including drinking water treatment plants, distribution system storage, pumps, wells, etc. Tables 7 and 8 list the average and total project costs in this category. Across respondent cities, these costs appear to be higher than water quality project costs. It is unclear why this is the case, except potentially the outsized effect of Portland's water supply project costs. The city of Portland listed two projects (Bull Run Pipelines and Ongoing Distribution Mains Replacement) that totaled nearly one-half of a billion dollars each.

Average Water Storage Project Costs		
	#	
Quintile		
1st Quintile	$	2,223,967
2nd Quintile	$	2,600,000
3rd Quintile	$	3,168,707
4th Quintile	$	5,750,142
5th Quintile	$	27,804,931
TOTAL	$	14,426,644
Region		
N. Coast	$	2,719,796
Metro	$	45,163,728
N. Willamette	$	8,606,135
S. Willamette	$	10,524,828
C. Coast	$	6,142,833
S. Coast	$	5,840,684
S. Oregon	$	14,014,780
Gorge	$	7,145,455
C. Oregon	$	11,160,600
SC Oregon	$	6,033,333
NE Oregon	$	5,602,295
E. Oregon	$	2,990,136
TOTAL	$	14,426,644

Table 8: Average Water Supply Project Costs

Total Water Storage Projects Costs		
	#	
Quintile		
1st Quintile	$	33,359,500
2nd Quintile	$	46,800,000
3rd Quintile	$	123,579,575
4th Quintile	$	448,511,107
5th Quintile	$	3,141,957,204
TOTAL	$	3,794,207,386
Region		
N. Coast	$	73,434,500
Metro	$	2,122,695,204
N. Willamette	$	309,820,842
S. Willamette	$	305,220,000
C. Coast	$	110,571,000
S. Coast	$	93,450,940
S. Oregon	$	336,354,725
Gorge	$	78,600,000
C. Oregon	$	167,409,000
SC Oregon	$	18,100,000
NE Oregon	$	145,659,682
E. Oregon	$	32,891,493
TOTAL	$	3,794,207,386

Table 7: Total Water Supply Projects Costs

The mean date estimated for completion of these water supply projects is 2029. Additionally, the average city listed two projects that their cost estimates covered.

To summarize, if we considered only water quality projects and water supply projects in the 125 respondent cities, the LOC's estimate for water infrastructure projects listed would be **$6.4 Billion**. Even with project delays, nearly all of this funding would be needed in the next decade.

Water Conservation

Cities were asked about water conservation as it applies to their finances and infrastructure efficiency. The average city spent $39,494 in FY2023 on conservation education. However, Figure 1 shows the major differences in cities with a population greater than 3,200 residents and those with less.

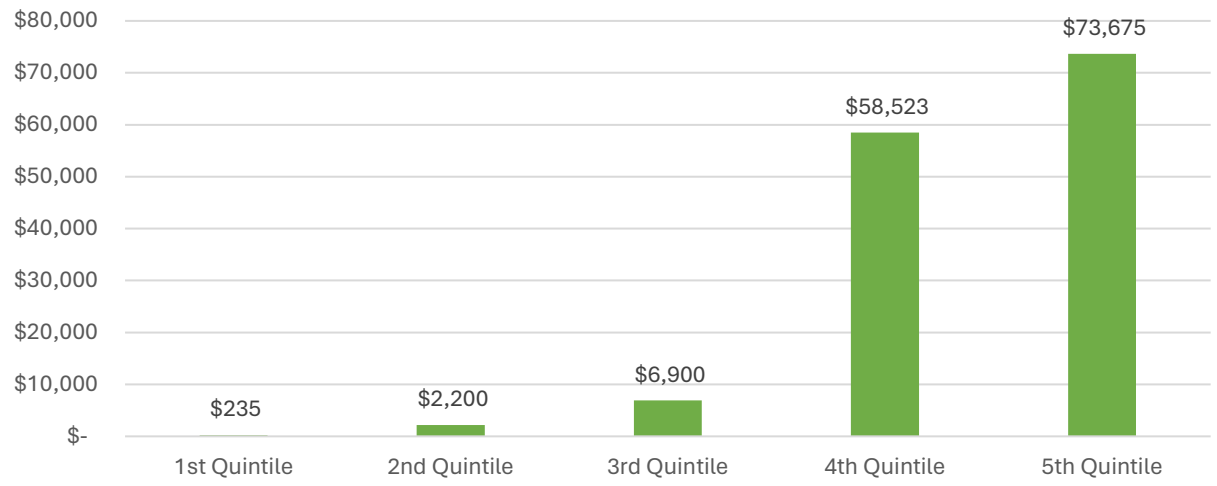


Figure 1:How much money did your city spend in FY2022-23 for water conservation education?

While the largest cities in Oregon spent on average $73,675 in FY2023 on water conservation education, cities in the first quintile (less than 490 population) averaged $235.

Further, cities were asked about FY2023 expenditures on conservation related to system efficiency, such as pipe repair. Here we see in Figure 2 a much larger expenditure from all sizes of cities. The overall average cost of this effort for cities was $617,008.

Figure 2: How much did your city spend in FY2022-23 for water conservation as it relates to system efficiency?

The overwhelming majority of cities expect a need for a water storage project in the next 20 years. This need appears to be more significant in cities with a population greater than 3,200, as well as those in the South Willamette and Central Oregon regions. Eighty-three percent of the cities with an anticipated need expect the water storage to be above ground.

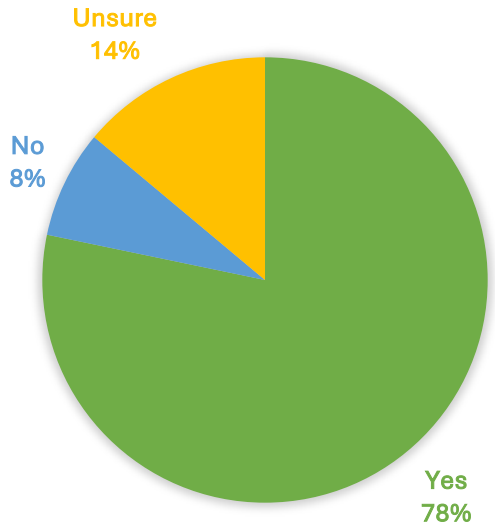


Figure 3: Does your city foresee a future need for a water storage project in the next twenty (20) years?

Facility Plan

Seventy-nine percent of respondent cities have a facilities plan. This is more common for cities in the 4th and 5th quintile as well as in South Coast and Central Oregon regions. On average, these facility plans were last updated in 2017. While on average this is less than a decade ago, many regions reported much older plans. For example, the average date for a facility update for the South Coast and Southern Oregon regions, was 2010 and 2012, respectively.

What year was your city's facilities plan last updated?	
	#
Quintile	
1st Quintile	2017
2nd Quintile	2017
3rd Quintile	2016
4th Quintile	2017
5th Quintile	2016
TOTAL	2017
Region	
N. Coast	2016
Metro	2021
N. Willamette	2019
S. Willamette	2015
C. Coast	2014
S. Coast	2010
S. Oregon	2012
Gorge	2022
C. Oregon	2015
SC Oregon	2017
NE Oregon	2018
E. Oregon	2021
TOTAL	2017

Table 9:What year was your city's facilities plan last updated?

Additional Water Questions

Other questions related to water infrastructure were asked to add further context to the overall state of water infrastructure in Oregon cities. These included questions about septic systems in city limits and urban growth boundaries, as well as several questions related to any existing city levees. Summaries of these questions can be found in Appendix E.

Water Comments & Concerns

Three qualitative questions were asked related to water infrastructure.

First, cities were asked to describe their service line inventory, related to the state's Lead and Copper Rule Revisions. The survey responses reveal that many cities are actively working on conducting service line inventories in compliance with the Lead and Copper Rule Revisions. While progress varies, many cities are on track to meet the October 16, 2024 deadline. Several cities reported hiring contractors and consultants to assist with the inventory process, employing various methodologies such as physical inspections, statistical sampling, and GIS-based systems.

Common challenges include the lack of historical records, difficulties accessing private property, and resource constraints. Despite these challenges, cities responded that they are making significant efforts to ensure compliance, with some already completing their inventories and reporting no lead service lines. The materials found in service lines are diverse, with many cities finding PVC, copper, and galvanized pipes, but no lead pipes.

Secondly, cities were asked about the challenges they have experienced in fulfilling water quality permits requirements related to the National Pollutant and Discharge Elimination System (NPDES), Water Pollution Control Facility (WPCF), or Municipal Separate Storm Sewer System (MS4). The respondents revealed several common challenges cities face in fulfilling water quality permit requirements. Aging infrastructure is a significant issue, with many reporting wastewater treatment plants not updated to meet current standards. Cities note this results in frequent non-compliance and the need for costly workarounds. Compliance and permit renewal issues, exacerbated by delays in receiving updated permits from regulatory agencies, add to the complexity of maintaining water infrastructure.

Resource and staffing issues are common among respondents, particularly in smaller cities, where limited staff and financial resources make it difficult to meet regulatory demands. Infiltration and inflow issues, as well as the need for accurate documentation, were also cited as concerns. Environmental and site-specific challenges, such as temperature limits and shifting discharge channels, add another layer of difficulty for some respondent cities.

Finally, cities were questioned about any concerns they have about meeting wastewater/stormwater regulatory compliance. Respondents indicated that cities commonly face multiple challenges related to meeting wastewater and stormwater regulatory compliance. Aging infrastructure is a frequent concern, with many wastewater treatment plants and collection systems needing upgrades to meet current and future requirements.

Financial constraints are a commonly cited barrier, making it difficult to fund necessary infrastructure improvements and comply with regulations. Many of the reported concerns mirror the concerns from the previous question. Cities commonly reference staffing issues and environmental compliance as causes of concern in this subject area as well.

Transportation Infrastructure Results

Size of Road Network and Budget

On average, member cities that responded to the survey have 89 center-line miles and 182 lane miles that they maintain. This number varies dramatically based on the size of the city. Cities in the first quintile averaged 8.2 lane miles within city limits, while cities with a population greater than 10,800 averaged more than 400 lane miles. This speaks to the most important and obvious reason large city demands for infrastructure funding are so much more than small cities: more roads.

When cities were asked how much was budgeted in the last three years for street maintenance, the total amount for these 125 cities was nearly $1 billion. Table 10 below shows the average for cities by quintile and region in Fiscal Year 2023. Again, notice the significant increase in budgetary demands the larger a city's population.

Average operating & maintenance costs for street infrastructure - FY 2022-2023		
	#	
Quintile		
1st Quintile	$	101,673
2nd Quintile	$	285,944
3rd Quintile	$	460,408
4th Quintile	$	1,252,788
5th Quintile	$	8,356,082
TOTAL	$	3,542,266
Region		
N. Coast	$	437,133
Metro	$	12,114,501
N. Willamette	$	1,420,618
S. Willamette	$	3,211,117
C. Coast	$	1,504,572
S. Coast	$	2,220,226
S. Oregon	$	1,822,544
Gorge	$	894,870
C. Oregon	$	4,611,625
SC Oregon	$	4,915,708
NE Oregon	$	1,263,934
E. Oregon	$	770,328
TOTAL	$	3,542,266

Table 10: Average operating & maintenance costs for street infrastructure - FY 2022-2023

Highway Projects

Cities were asked for their top five infrastructure projects for both highway and non-highway roads. Tables 11 and 12 list the average and total project costs respectively. Here, we can see another example of the dramatic differences in small city highway project needs versus the costs from cities in the 5th quintile.

Average Highway Project Costs		
	#	
Quintile		
1st Quintile	$	49,500
2nd Quintile	$	1,482,083
3rd Quintile	$	7,158,300
4th Quintile	$	5,283,243
5th Quintile	$	43,028,417
TOTAL	$	26,477,455
Region		
N. Coast	$	5,983,313
Metro	$	97,176,529
N. Willamette	$	8,125,798
S. Willamette	$	20,249,632
C. Coast	$	2,852,105
S. Coast	$	1,666,667
S. Oregon	$	2,673,611
Gorge	$	6,712,500
C. Oregon	$	27,187,500
SC Oregon		NA
NE Oregon	$	3,382,333
E. Oregon	$	1,533,333
TOTAL	$	26,477,455

Table 11: Average Highway Project Costs

Total Highway Project Costs		
	#	
Quintile		
1st Quintile	$	297,000
2nd Quintile	$	17,785,000
3rd Quintile	$	71,583,000
4th Quintile	$	237,745,957
5th Quintile	$	4,173,756,447
TOTAL	$	4,501,167,404
Region		
N. Coast	$	95,733,000
Metro	$	3,206,825,447
N. Willamette	$	162,515,957
S. Willamette	$	384,743,000
C. Coast	$	54,190,000
S. Coast	$	5,000,000
S. Oregon	$	48,125,000
Gorge	$	53,700,000
C. Oregon	$	435,000,000
SC Oregon		NA
NE Oregon	$	50,735,000
E. Oregon	$	4,600,000
TOTAL	$	4,501,167,404

Table 12: Total Highway Project Costs

Among the respondent cities, Portland described the costliest project in the history of this survey. Work on the Interstate 5 segment in Portland's Rose Quarter was estimated to cost a $1.7 billion. By contrast, the smallest highway project listed this year was the Riverview Street project in the city of Prescott, which is estimated to cost $30,000.

City needs in Oregon are varied, but the total cost is still significant. Table 12 shows total infrastructure costs for the top 5 city highway projects is $4.5 billion. These totals depend heavily on population, as well as the region in question. Several regions described total project needs of $5 million or less.

On average, these highway projects listed by respondent cities are expected to be completed (assuming no delays) by 2029. However, it should be noted several projects listed estimated completion dates into the 2040s.

Non-Highway Projects

Highway projects are significantly more costly both as an average and in total for respondent cities. Tables 13 and 14 show these costs are about one quarter of highway infrastructure project needs. Further, there is a noticeable difference in regional costs when compared to highway project costs. Central Oregon, one of the fastest growing regions in Oregon for more than a decade, continues to have high per project costs and higher total costs for non-highway infrastructure.

Average Non-Highway Project Costs		
	#	
Quintile		
1st Quintile	$	884,091
2nd Quintile	$	1,086,111
3rd Quintile	$	3,104,333
4th Quintile	$	3,514,278
5th Quintile	$	7,634,355
TOTAL	$	5,369,718
Region		
N. Coast	$	2,506,303
Metro	$	9,552,900
N. Willamette	$	2,865,336
S. Willamette	$	6,364,677
C. Coast	$	2,142,727
S. Coast	$	1,635,940
S. Oregon	$	3,744,444
Gorge	$	3,150,000
C. Oregon	$	14,998,438
SC Oregon	$	1,899,000
NE Oregon	$	1,341,556
E. Oregon	$	6,362,204
TOTAL	$	5,369,718

Table 13: Average Non-Highway Project Costs

Total Non-Highway Project Costs		
	#	
Quintile		
1st Quintile	$	9,725,000
2nd Quintile	$	9,775,000
3rd Quintile	$	46,565,000
4th Quintile	$	288,170,774
5th Quintile	$	923,756,997
TOTAL	$	1,277,992,771
Region		
N. Coast	$	82,708,000
Metro	$	477,644,997
N. Willamette	$	85,960,071
S. Willamette	$	197,305,000
C. Coast	$	47,140,000
S. Coast	$	19,631,276
S. Oregon	$	33,700,000
Gorge	$	15,750,000
C. Oregon	$	239,975,000
SC Oregon	$	9,495,000
NE Oregon	$	24,148,000
E. Oregon	$	44,535,427
TOTAL	$	1,277,992,771

Table 14: Total Non-Highway Project Costs

In total, non-highway project costs from respondent cities is an estimated $1.3 billion. The nine largest projects listed come from the same five cities: Beaverton, Bend, Madras, Eugene, and Happy Valley. Beaverton's project to work on "The Loop" is estimated to cost $140 million. The smallest non-highway project was for an ADA Trolley Retrofit in the city of Bandon.

On average, these non-highway projects listed by respondent cities are expected to be completed (assuming no delays) by 2028. Again, several projects listed estimated completion dates into the 2040s. One project in The Dalles (ADA retrofits) was estimated for completion in 2055.

If we combine highway and non-highway projects to determine total transportation infrastructure costs, we see the results listed in Table 15: total transportation infrastructure costs add up to **$5.8 billion**. More than $5 billion of this is needed by cities with a population greater than 10,800 and $3.7 billion is needed for the Metro region.

Total Transportation Infrastructure Costs		
	#	
Quintile		
1st Quintile	$	10,022,000
2nd Quintile	$	27,560,000
3rd Quintile	$	118,148,000
4th Quintile	$	525,916,731
5th Quintile	$	5,097,513,444
TOTAL	$	5,779,160,175
Region		
N. Coast	$	178,441,000
Metro	$	3,684,470,444
N. Willamette	$	248,476,028
S. Willamette	$	582,048,000
C. Coast	$	101,330,000
S. Coast	$	24,631,276
S. Oregon	$	81,825,000
Gorge	$	69,450,000
C. Oregon	$	674,975,000
SC Oregon	$	9,495,000
NE Oregon	$	74,883,000
E. Oregon	$	49,135,427
TOTAL	$	5,779,160,175

Table 15: Total Transportation Infrastructure Costs

Operations & Maintenance Needs

Cities were asked to list their top five overall transportation operation and maintenance needs. The survey responses revealed that cities have several key transportation operation and maintenance needs, with the most pressing being sustainable funding. Many cities are struggling to secure adequate financial resources to maintain and repair streets, traffic signals, and related infrastructure. This lack of funding affects their ability to perform essential tasks such as pavement rehabilitation and crack and chip sealing.

Street and pavement maintenance is a critical concern, with some cities emphasizing the need for ongoing repairs and resurfacing to keep streets in good condition. Many cities are working to upgrade ADA ramps and ensure streets and sidewalks are accessible for all residents. However, some of the highlighted projects above are decades from completion. Traffic signal and control maintenance are essential operation and maintenance needs. Many cities are focused on upgrading outdated signals, installing new ones, and maintaining proper signage. Street sweeping was also occasionally listed as a vital maintenance need.

Cities commonly listed the replacing aging equipment and increasing staffing levels as necessary to meet their maintenance needs. Finally, safety and compliance remain a priority, with cities working to improve pedestrian infrastructure, address high crash areas, and ensure safe routes to schools.

Additional Transportation Questions

Cities were asked if they have any transportation infrastructure costs that are barriers to housing development or are needed for housing development that are not on their CIP. A large portion (50%) responded "Yes" to this question. This response was more common for cities in the 5th quintile.

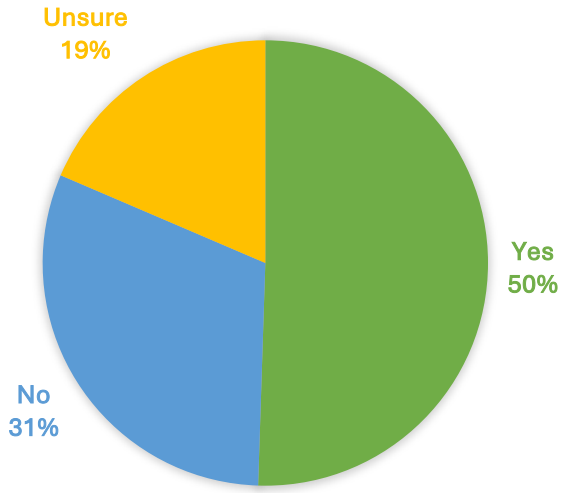


Figure 4: Do you have any transportation infrastructure costs that are barriers to housing development or are needed for housing development that are not on your CIP?

The cities that did see costs as a barrier to house development were asked to describe these barriers. The most common six barriers included:

1. Lack of Funding;
2. Infrastructure Development Costs;
3. Coordination and Jurisdictional Issues;
4. Regulatory and Permit Delays;
5. Aging and Insufficient Infrastructure; and
6. Development Costs for Private Developers.

While these were the most common themes in the responses, the most common overall barriers appear to be cost, funding, and regulation; all with the backdrop of insufficient or aging transportation infrastructure.

Cities were also asked to comment on the public safety considerations of transportation infrastructure needs. The safety needs listed by respondent cities are diverse but can be categorized into several key themes. Enhancing pedestrian and bicycle safety is a top priority, as many cities are emphasizing the need for better sidewalks, bike lanes, and safer crossings. Traffic calming measures and improved traffic control infrastructure were also frequently mentioned as essential for reducing accidents and enhancing safety.

Funding constraints pose a significant barrier to implementing these safety improvements, highlighting the need for securing additional financial resources. Safety concerns on major highways and arterial roads, including improved visibility and safer road conditions, are also common. Finally, ensuring ADA compliance and improving accessibility for city residents was common, alongside addressing the challenges of maintaining and upgrading aging infrastructure.

Cities were asked to comment on multimodal transportation and how it is related to the city's infrastructure. Due to the diversity in city size, location, history, culture, and geography, multimodal needs are different. Common pressing needs include: improving pedestrian infrastructure with sidewalks and crosswalks; expanding bicycle facilities such as bike lanes and bike hubs; and enhancing transit

services with more stops and better routes. Safe routes to schools are a particular focus, with several cities identifying the need for significant improvements in these areas. As with many questions in this survey, lack of funding was cited as a major barrier to accomplishing these multimodal improvements.

Cities were asked to provide comments and examples of disaster resilience needs related to transportation infrastructure. Cities face a range of disaster resilience needs related to transportation infrastructure.

Key themes include: the need for seismic resilience, flood mitigation, emergency preparedness, transportation infrastructure improvements, adequate funding, protection of critical infrastructure, and addressing community isolation and connectivity issues.

1. **Seismic Resilience**: Reinforcing and replacing vulnerable bridges and infrastructure to withstand earthquakes is essential. Many cities have identified specific bridges and structures that require immediate attention.
2. **Flood Mitigation**: Improving stormwater management systems and replacing failing culverts are necessary to prevent flooding and protect communities during heavy rains and storms.
3. **Emergency Preparedness and Response**: Developing comprehensive emergency preparedness plans and establishing resilience hubs will enhance cities' ability to manage disasters effectively. Upgrading critical infrastructure such as generators and telemetry systems is also crucial.
4. **Transportation Infrastructure Improvements**: Ensuring safe and reliable transportation routes, especially during disasters, is vital. This includes road upgrades, bridge replacements, and enhancing connectivity to prevent community isolation.
5. **Limited Funding and Resources**: Securing adequate funding and resources is a significant barrier for many cities. Financial constraints prevent the implementation of necessary disaster resilience projects, highlighting the need for increased funding opportunities.
6. **Vulnerability of Critical Infrastructure**: Protecting critical infrastructure, such as water and sewer systems and electrical grids, is essential for maintaining functionality during disasters.
7. **Community Isolation and Connectivity Issues**: Addressing connectivity issues and ensuring multiple access points for communities will prevent isolation during disasters and enhance overall resilience.

With the final question related to transportation infrastructure, cities were asked to provide comments and examples of jurisdictional transfer needs related to transportation infrastructure. Cities report facing several challenges and needs related to jurisdictional transfers of transportation infrastructure.

Key themes include: funding and financial challenges; upgrading infrastructure to meet city standards; coordination with other jurisdictions; concerns about long-term maintenance responsibilities; and addressing the poor condition of existing roads.

1. **Funding and Financial Challenges**: Some cities cite adequate funding as crucial for cities to accept jurisdictional transfers, especially when significant upgrades are needed. Financial constraints can prevent cities from taking over roads that require extensive improvements.
2. **Upgrading Infrastructure to City Standards**: Before accepting jurisdiction, cities often require roads to be upgraded to include sidewalks, bike lanes, stormwater management, and other infrastructure to meet urban standards.
3. **Coordination and Agreements with Other Jurisdictions**: Successful transfers necessitate close coordination with county or state entities. Intergovernmental agreements (IGAs) are listed by respondents as essential to outline responsibilities and ensure a smooth transition.

4. **Concerns about Maintenance and Long-Term Responsibilities**: Cities commonly are cautious about the long-term maintenance responsibilities associated with jurisdictional transfers. Ensuring that transferred roads are in good condition and that there is adequate funding for future maintenance is critical.
5. **Specific Roadways and Projects**: Detailed planning and funding are routinely cities as needs for each specific roadway and project under consideration for jurisdictional transfer. This includes ensuring that all necessary upgrades are completed before the transfer.
6. **Lack of Maintenance and Poor Road Conditions**: Some cities claim that roads under county jurisdiction are often in poor condition, requiring significant repairs and upgrades. Addressing these issues is a priority before cities often can accept jurisdiction.

Additional Results

City Infrastructure Funding Sources

Cities were asked to provide the percentage of their overall infrastructure funding (water and transportation) that comes from local, state, and federal sources. The median answer across all cities was 70% local, 20% state and 10% federal. The averages across population and region are shown in Table 16 below.

Average City Infrastructure Funding by Source			
	Local	*State*	*Federal*
Quintile			
1st Quintile	48.5	33.3	19.8
2nd Quintile	41.5	41.9	35.7
3rd Quintile	31.6	48.9	46.4
4th Quintile	68.0	30.4	10.5
5th Quintile	74.9	22.8	11.3
TOTAL	59.3	31.9	20.2
Region			
N. Coast	44.0	26.9	36.4
Metro	67.3	36.3	10.3
N. Willamette	50.0	40.4	25.1
S. Willamette	57.3	21.4	23.8
C. Coast	51.8	42.5	11.7
S. Coast	76.3	23.0	2.0
S. Oregon	51.0	56.6	11.7
Gorge	78.0	17.5	9.0
C. Oregon	78.8	13.8	9.5
SC Oregon	60.7	51.7	6.5
NE Oregon	62.9	26.5	23.3
E. Oregon	89.0	11.0	NA
TOTAL	59.3	31.9	20.2

Table 16: Average City Infrastructure Funding by Source

Note that this data is an average and not a median. As a result, most figures by population and region will not easily add up to 100% as a result. In this table, we see that once a city exceeds 3,275 residents, the proportion of city funding used in infrastructure spending increases dramatically. No population quintile expects a plurality of their funding to come from the federal government, and only cities in the 2nd and 3rd quintiles see state sources as the largest source of their funding.

In total, cities expected $5.78 billion in total transportation needs for their projects. While much of this funding is needed for the largest cities, the smallest cities need a larger proportionate amount of help. However, if we use the median state proportion of 20%, the city infrastructure need from state sources amounts to $1.16 billion. If we use the average as shown in Table 16, the figure would be $1.84 billion. While still a substantial amount of money over less than a decade, this smaller need is far more palatable.

Similarly, water infrastructure in the same calculation would be a state ask of $1.28 billion (for median estimate) and $2.05 billion (for the average estimate).

As a final comment, cities were asked to describe the hardest type of infrastructure funding is to secure and why. Comments suggest that cities face numerous challenges in securing infrastructure funding. common themes include the difficulty of obtaining transportation and roadway funding, challenges with federal and state funding, issues with water, wastewater, and stormwater infrastructure funding, lack of funding mechanisms for maintenance and upgrades, complexity and time-consuming nature of grant applications, and the lack of local funding and matching funds.

Indicative examples of quotes include:

"Funding for transportation operations and maintenance and transportation capital projects are the hardest to secure because there are limited sources." – The Dalles

"Water, Wastewater and Stormwater drainage is the hardest to secure because the City is hampered by the Charter with no rate-setting authority unless the citizens approve it by ballot measure and vote." – Bandon

"Securing federal infrastructure funding presents a significant challenge due to the lengthy application process compounded by the fact that Fossil operates with just one administrative staff member." – Fossil

"Having match dollars to go towards grant opportunities - Scio has been told by the Oregon legislature that some projects are too small or too large in value." – Scio

Housing Analysis

Embedded in both the water and transportation infrastructure sections of this survey were questions pertaining to housing. For all four infrastructure types (water quality, water storage, highway and non-highway), respondents were asked the same questions. The first question was, "How many housing units does this project support?" The second question asked if the project would support affordable housing. Due to error in the question structure of the survey, the proportion of the units that were marked as affordable was not possible to consistently attain. As a result, we only know if these projects will support affordable housing and not to what extent.

Infrastructure projects across all types averaged between 1,500 and 2,000 supported housing units. This of course varies depending on the size of the city and the region in question. Tables 17-21 below highlight the housing units supported by infrastructure type.

Avg. Water Quality Housing Units Supported	
	#
Quintile	
1st Quintile	1,699
2nd Quintile	1,011
3rd Quintile	736
4th Quintile	1,791
5th Quintile	2,247
TOTAL	1,603
Region	
N. Coast	720
Metro	1,391
N. Willamette	1,466
S. Willamette	2,508
C. Coast	1,300
S. Coast	2,333
S. Oregon	1,827
Gorge	1,645
C. Oregon	3,194
SC Oregon	398
NE Oregon	1,446
E. Oregon	1,205
TOTAL	1,603

Table 18: Average Water Quality Housing Units Supported

Avg. Water Storage Housing Units Supported	
	#
Quintile	
1st Quintile	159
2nd Quintile	371
3rd Quintile	1,220
4th Quintile	2,790
5th Quintile	3,116
TOTAL	2,032
Region	
N. Coast	741
Metro	3,985
N. Willamette	2,040
S. Willamette	2,111
C. Coast	953
S. Coast	6,250
S. Oregon	1,286
Gorge	1,384
C. Oregon	3,410
SC Oregon	NA
NE Oregon	732
E. Oregon	1,350
TOTAL	2,032

Table 17: Average Water Storage Housing Units Supported

Interesting to note in Table 18 how water storage projects have far lower averages than those in Water Quality. The reason for this is unclear. Additionally, regional differences are nearly as disparate as the differences between these water infrastructure types within a single region. This may be due to small sample size in these regions.

Avg. Highway Housing Units Supported	
	#
Quintile	
1st Quintile	27
2nd Quintile	236
3rd Quintile	1,819
4th Quintile	1,253
5th Quintile	2,959
TOTAL	1,747
Region	
N. Coast	10
Metro	3,699
N. Willamette	2,500
S. Willamette	2,777
C. Coast	693
S. Coast	NA
S. Oregon	210
Gorge	1,668
C. Oregon	4,763
SC Oregon	NA
NE Oregon	477
E. Oregon	100
TOTAL	1,747

Table 19: Average Highway Housing Units Supported

Avg. Non-Highway Housing Units Supported	
	#
Quintile	
1st Quintile	20
2nd Quintile	436
3rd Quintile	157
4th Quintile	1,971
5th Quintile	2,565
TOTAL	1,728
Region	
N. Coast	219
Metro	3,247
N. Willamette	718
S. Willamette	4,053
C. Coast	292
S. Coast	32
S. Oregon	142
Gorge	1,112
C. Oregon	4,400
SC Oregon	20
NE Oregon	134
E. Oregon	460
TOTAL	1,728

Table 20: Average Non-Highway Housing Units Supported

The same odd housing unit inconsistencies can be found in Tables 19 and 20 as well. Again, this is likely due partially to smaller sample size in certain regions. Note the "NA" designation, indicating that either no projects were listed in the responses for this region, or the response was left blank.

Projects that supported affordable housing were common among respondent cities. The proportions of affordable housing supportive infrastructure projects are as follows:

- **Water Quality – 38.3%**
- **Water Storage – 46.5%**
- **Highway – 41.1%**
- **Non-Highway – 33.8%**

All these types were more likely to have affordable housing supported in cities with a population greater than 10,800 as well as in South Willamette Valley and Central Oregon regions. More details for these questions can be found in Appendix E.

Final Analysis

If all infrastructure needs across all types are summed, we find a tremendous amount of funding is needed. In total, as can be seen in Table 21, the total infrastructure needs for cities across both water and transportation projects is **$12.2 billion**.

TOTAL Project Costs ALL SOURCES		
	#	
Quintile		
1st Quintile	$	121,707,551
2nd Quintile	$	229,376,400
3rd Quintile	$	441,890,673
4th Quintile	$	1,494,275,324
5th Quintile	$	9,903,925,648
TOTAL	$	12,191,175,596
Region		
N. Coast	$	413,995,500
Metro	$	6,642,575,648
N. Willamette	$	856,922,904
S. Willamette	$	1,149,659,000
C. Coast	$	252,634,500
S. Coast	$	159,591,556
S. Oregon	$	610,611,490
Gorge	$	270,746,000
C. Oregon	$	1,068,700,896
SC Oregon	$	144,616,155
NE Oregon	$	498,637,682
E. Oregon	$	122,484,265
TOTAL	$	12,191,175,596

Table 21: Total Project Costs for All Infrastructure Responses

Note that many regions have a particularly special need for infrastructure dollars, including Metro, South Willamette, and Central Oregon. Further, the amounts increase almost exponentially as city size increases. However, several points should be noted from these figures.

First, many of the projects listed have been started or are about to start. This means the actual need for cities is less than this amount, though it cannot be ascertained how much less. Secondly, this is the total need from all government sources, including state, federal, and local. If we were to use the average proportions respondents provided as to how much state government currently funds their infrastructure projects (see pg. 18), we get the proportion of the total ask by quintile and region seen in Table 22.

TOTAL Project Costs ALL SOURCES (Hypothetical State Proportion)		
	#	
Quintile		
1st Quintile	$	40,467,761
2nd Quintile	$	96,010,407
3rd Quintile	$	216,186,514
4th Quintile	$	454,857,409
5th Quintile	$	2,262,896,951
TOTAL	$	3,894,691,523
Region		
N. Coast	$	111,364,790
Metro	$	2,411,765,928
N. Willamette	$	346,518,199
S. Willamette	$	245,534,315
C. Coast	$	107,369,663
S. Coast	$	36,706,058
S. Oregon	$	345,758,756
Gorge	$	47,380,550
C. Oregon	$	147,480,724
SC Oregon	$	74,718,347
NE Oregon	$	132,138,986
E. Oregon	$	13,473,269
TOTAL	$	3,894,691,523

Table 22: Total Project Costs for All Infrastructure Responses (Hypothetical State Proportion)

While this number remains a large sum, there is a third and final point to note about these figures. This amount would be needed over several years. Indeed, many of the projects listed had planning schedules that extended to 10 or more years. This makes the ask to the state of Oregon far more palatable than the initial glance would suggest.

Appendix A: Invitation to Participate

The League needs your help – please complete this survey by Friday, April 5.

This year, we've expanded our water and transportation infrastructure survey to include questions about the infrastructure needed to support new housing development. The reason for a more comprehensive survey is to gather as much data as possible before the 2025 session, including potentially significant state funding for core infrastructure projects and demonstrating the local government's need for a new robust transportation package.

We learned in the 2021 session the importance of good data to make the case for water-related infrastructure needs when the state allocated $550 million of federal ARPA funding to water-related infrastructure projects across Oregon. At the close of this 2024 session, the legislature will allocate nearly $200 million toward water-related infrastructure projects that are key for building new housing, including affordable housing projects. We are not in the conversation without the data.

Your city's responses to this survey will help the LOC make the case for continued and increased state funding for local infrastructure projects. Your responses may also inform how the state structures new infrastructure programs and prioritizes funding allocations for infrastructure projects that support housing development. This data will help feed our advocacy and generate materials for the 2025 session.

NOTE: Please submit all answers using the online form. Please use the attached PDF only for information and guidance.

Survey Link Below:

https://orcities.co1.qualtrics.com/jfe/form/SV_9SIMoy9BPGNd72m

Please don't hesitate to contact us if you have any questions regarding the survey at jpierce@orcities.org or 503-588-6550.

Thank you in advance for taking the time to fill out this survey.

League of Oregon Cities
Jim McCauley, Legislative Director
503-588-6550 direct: 503-540-6593 cell: 971-219-5963
1201 Court St. NE, Suite 200, Salem, OR 97301-4194
www.orcities.org

Appendix B: Survey Instrument

2024 Infrastructure Survey

*The following survey will provide the League with valuable information on your city's **Water** and **Transportation** infrastructure.*

Q2 Please fill out the following questions.

- City Name: (1) _____
- Your Name: (2) _____
- Your Title: (3) _____
- Email Address: (4) _____

Water Infrastructure

Q4 Over the next twenty (20) years, how money much does your city anticipate it will need to spend to repair, replace, or expand capacity for **Water Quality** capital projects? (ex. wastewater treatment, stormwater facilities, water reuse, etc.)

_____

Q5 Over the next twenty (20) years, how much money does your city anticipate it will need to spend to repair, replace, or expand capacity for **Water Supply** capital projects? (ex. drinking water treatment plant, distribution system storage, etc.)

_____

Q6 Please list your city's **Top 3 Water Quality** related capital improvement projects and the estimated budgets of these projects in Dollars.

	Water related Capital Projects (i.e. Water Treatment Plant, etc.) (1)	Estimated Total Project Cost (2)	Number of units and type of housing supported (3)	Will the housing be affordable? If Yes, at what level? (5)	Estimated Date of Completion (6)
#1 Project (1)					
#2 Project (2)					
#3 Project (3)					
#4 Project (4)					

Q7 Please list your city's **Top 3 Water Supply** related capital improvement projects and the estimated budgets of these projects in Dollars.

	Water related Capital Projects (i.e. Water Storage Facility) (1)	Estimated Total Project Cost (2)	Number of units and type of housing supported (3)	Will the housing be affordable? If Yes, at what level? (4)	Estimated Date of Completion (5)
#1 Project (1)					
#2 Project (2)					
#3 Project (3)					
#4 Project (4)					

Q8 Do you have any water infrastructure costs that are barriers to housing development or are needed for housing development that are not on your CIP?

- ❍ Yes (1)
- ❍ No (2)
- ❍ Unsure (3)

Display This Question:
If Do you have any water infrastructure costs that are barriers to housing development or are needed... = Yes

Q9 Please describe the details of these barriers

_____
_____
_____
_____
_____

Q10 How much money did your city spend in FY2022-23 for water conservation education?

_____
_____
_____
_____
_____

Q11 How much did your city spend in FY2022-23 for water conservation as it relates to system efficiency (such as pipeline repair)?

_____
_____
_____
_____
_____

Q12 Does your city foresee a future need for a water storage project in the next twenty (20) years?

- ❍ Yes (1)
- ❍ No (2)
- ❍ Unsure (3)

Display This Question:
If Does your city foresee a future need for a water storage project in the next twenty (20) years? = Yes

Q13 Would this be above ground or below ground water storage?

- ❍ Above Ground (1)
- ❍ Below Ground (2)
- ❍ Unsure (3)

Q14 Does your city have a facilities plan?

- ❍ Yes (1)
- ❍ No (2)
- ❍ Unsure (3)

Display This Question:
If Does your city have a facilities plan? = Yes

Q15 What year was your city's facilities plan last updated?

_____

Q16 How many septic systems are within your city's limits?

_____

Q17 How many septic systems are within the Urban Growth Boundary?

_____

Q18 What are your city's considerations and/or barriers to extending infrastructure into the Urban Growth Boundary?

_____
_____
_____
_____
_____

Q19 Does your city operate and maintain a levee?

- ❍ Yes (1)
- ❍ No (2)
- ❍ Unsure (3)

Display This Question:
If Does your city operate and maintain a levee? = Yes

Q20 What are the overall expected costs to maintain each levee certification?

_____

Q21 Public water systems are required to conduct an inventory of all service lines, on both the water system side and the homeowner side of the meter, and to submit the results to OHA–Drinking Water Services by October 16, 2024.

Please briefly describe your Service Line Inventory, related to the Lead and Copper Rule Revisions?

_____
_____
_____
_____
_____

Q22 What challenges has your city experienced related to fulfilling water quality permits requirements related to National Pollutant and Discharge Elimination System (NPDES), Water Pollution Control Facility (WPCF), or Municipal Separate Storm Sewer System (MS4)?

_____
_____
_____
_____
_____

Q23 What concerns does your city have related to meeting wastewater/stormwater regulatory compliance? How have these concerns affected water infrastructure development?

_____
_____
_____
_____
_____

Transportation Infrastructure

Q25 How many miles of road does you city maintain? *(please provide both center-line and lane miles)*

(Note: Center-lines miles are measured along the median on a road. Lane miles measure the length of each lane on a road. For example, 10 Miles of a two-lane center-line measured road is 20 lane miles.)

- Center-Line Miles (1) _____
- Lane Miles (2) _____

Q26 Please list the amount of money your city budgeted to operate and maintain street infrastructure in each of the last three (3) fiscal years.

- FY 2022-2023 (1) _____
- FY 2021-2022 (2) _____
- FY 2020-2021 (3) _____

Q27 Please list your city's **Top 5 highway transportation** related capital improvement projects and estimated costs.

(Note: capital projects are new construction and/or re-construction projects)

	Highway Capital Improvement Projects (1)	Estimated Total Project Costs (2)	Number of units and type of housing supported (3)	Will the housing be affordable? If Yes, at what level? (4)	Estimated Date of Completion (5)
#1 Project (1)					
#2 Project (2)					
#3 Project (3)					
#4 Project (4)					
#5 Project (5)					
#6 Project (6)					

Q28 Please list your city's **Top 5 non-highway transportation** related capital improvement projects and estimated costs.

(Note: capital projects are new construction and/or re-construction projects)

	Non-Highway Capital Improvement Projects (1)	Estimated Total Project Costs (2)	Number of units and type of housing supported (3)	Will the housing be affordable? If Yes, at what level? (4)	Estimated Date of Completion (5)
#1 Project (1)					
#2 Project (2)					
#3 Project (3)					
#4 Project (4)					
#5 Project (5)					
#6 Project (6)					

Q29 What are your city's **Top 5 overall transportation operation and maintenance** needs?

(Note: Operation and maintenance is defined as managing and repairing streets and related equipment such as signage, signals, and pavement washing)

- #1 Transportation Need (1) _____
- #2 Transportation Need (2) _____
- #3 Transportation Need (3) _____
- #4 Transportation Need (4) _____
- #5 Transportation Need (5) _____
- # 6 Transportation Need (6) _____

Q30 Do you have any transportation infrastructure costs that are barriers to housing development or are needed for housing development that are not on your CIP?

- ❍ Yes (1)
- ❍ No (2)
- ❍ Unsure (3)

Display This Question:
If Do you have any transportation infrastructure costs that are barriers to housing development or a... = Yes

Q31 Please describe the details of these barriers

_____
_____
_____
_____
_____

Q32 *The following questions provide you with the opportunity to give feedback and opinions on upcoming transportation issues.*

Q33 Please provide comments and examples of **Safety Needs** in your city as it relates to Transportation Infrastructure.

_____
_____
_____
_____
_____

Q34 Please provide comments and examples of **Multimodal Needs** (bicycle, pedestrian, transit, etc.) in your city's transportation infrastructure.

_____
_____
_____
_____
_____

Q35 Please provide comments and examples of **Disaster R**esilience Needs in your city as it relates to Transportation Infrastructure.

(Note:
Disaster Resilience is the ability of cities to
manage change in the face of
shocks or stresses - such as earthquakes, drought or flood - without
compromising their long-term prospects.)

_____

_____
_____
_____
_____

Q36 Please provide comments and examples of **Jurisdictional Transfer Needs** in your city as it relates to Transportation Infrastructure.

(Note: Jurisdictional Transfer is the transfer of operations and management of transportation related infrastructure to another government entity. For example, a county road functioning as a city street.)

_____
_____
_____
_____
_____

Q37 What percentage of your city's infrastructure funding is local, state or federal. Please use the sliders below to respond.

	0 10 20 30 40 50 60 70 80 90 100
Local ()	
State ()	
Federal ()	

Q38 In general, what type of infrastructure funding is hardest to secure and why. feel free to provide specifics where possible and appropriate.

_____
_____
_____
_____
_____

Q39 Would you or any other representative of your city be willing to testify before the Oregon Legislature on any of the infrastructure issues in this survey?

- ❍ Yes (1)
- ❍ No (2)

Display This Question:
If Would you or any other representative of your city be willing to testify before the Oregon Legisl... = Yes

Q40 Please list the person's name and contact information

- Name: (1) _____
- Email Address: (2) _____
- Phone Number: (3) _____

Q41 This concludes the survey--please provide any further comments or feedback regarding transportation and/or water infrastructure issues.

_____
_____
_____
_____
_____

Appendix C: Infrastructure Projects by Project Type

Water Quality

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Adams	404	1	11	Disinfection/Dichlorination	$ 2,000,000	10000	3	2028
Albany	57,997	5	4	Filter Media Replacement	$ 2,700,000	10000	3	2026
Albany	57,997	5	4	Pump Station and Force Main Improvements	$ 2,500,000			
Amity	1,826	3	3	Lagoon Improvements	$ 3,000,000			
Amity	1,826	3	3	Transmission Main Extensions	$ 10,000,000			
Amity	1,826	3	3	Wastewater Treatment Plant Headworks	$ 5,000,000			2026
Ashland	21,457	5	7	Spur 14 Intake Structure	$ 1,000,000			
Ashland	21,457	5	7	Water Quality Trading	$ 2,000,000			2027
Ashland	21,457	5	7	Wecoma PS Upgrade	$ 3,000,000			2026
Astoria	10,167	4	1	6.5 million	$ 6,500,000	45	1	2026
Astoria	10,167	4	1	Clearwell and Lab	$ 5,000,000	0		
Aurora	1,119	2	3	3.5 million	$ 3,500,000	45	1	2026
Aurora	1,119	2	3	Dewatering System	$ 1,500,000			2029
Aurora	1,119	2	3	Lead Svc Line Inventory & Abatement	$ 600,000	5000	3	
Baker City	10,102	4	12	Blower Room Roof Replacement	$ 200,000			
Baker City	10,102	4	12	Chlorine System Upgrade	$ 1,357,345	5000	3	2027
Bandon	3,866	4	6	Fillmore Pump Station	$ 2,802,140			
Bandon	3,866	4	6	Restore Wastewater Outfall	$ 1,765,200			
Banks	1,910	3	2	2nd Street Development Capacity Improvements	$ 2,500,000	85	3	2040
Banks	1,910	3	2	East Lift Station	$ 750,000	100	3	2026
Bay City	1,646	3	1	CIP8135A SW Bvtn Hillsdale Hwy Stormwater Outfall to Beaverton Creek Retrofit	$ 1,940,000	0	2	2031
Bay City	1,646	3	1	North Lift Station	$ 550,000	50	1	2024
Beaverton	101,165	5	2	Aubrey Glen & Westside Pump Station Rehab	$ 6,000,000			2025
Beaverton	101,165	5	2	SW 110th Ct & SW 111th Ave Flood Reduction and Outfall Retrofit	$ 2,100,000	-	2	
Bend	106,275	5	9	Central Interceptor	$ 20,000,000		1	
Bend	106,275	5	9	SE Area Master Plan	$ 30,000,000	820	1	2026
Bend	106,275	5	9	Treatment Upgrade	$ 2,000,000	916	2	2024
Boardman	4,437	4	11	Water Plan Update	$ 40,000	916	2	2027
Bonanza	401	1	10	Mainline Expansion	$ 750,000	20	1	2026
Bonanza	401	1	10	Sewer Main Replacement S. Swiegle Ave	$ 1,621,155	25	2	2026
Canyonville	1,703	3	7	Sanitary pipes	$ 20,000,000			2035
Canyonville	1,703	3	7	Water Treatment Plant	$ 4,000,000	561	1	2029
Carlton	2,425	3	3	Pipeline Rehabilitation	$ 1,406,733		3	2034
Carlton	2,425	3	3	WWTP upgrade	$ 7,000,000			2026
Cave Junction	2,163	3	7	Manhole Repair	$ 80,365		3	2025
Central Point	19,666	5	7	Griffin Creek Culvert Expansion at West Pine	$ 2,500,000		2	2030
Central Point	19,666	5	7	Lift Stations upgrade	$ 3,000,000	616	2	2028
Central Point	19,666	5	7	Water Meters	$ 350,000	8500		
Clatskanie	1,767	3	1	Camera Sewer Lines	$ 10,000,000	40	2	2024
Clatskanie	1,767	3	1	Supply transmission line	$ 800,000		2	2025
Clatskanie	1,767	3	1	WWTP	$ 25,000,000	617	2	2026
Coburg	1,475	3	4	New well treatment system	$ 500,000		2	2025
Coburg	1,475	3	4	Northside Pump Station Dichlorination Project	$ 3,700,000			2025
Condon	726	2	8	Lift Station 27	$ 2,500,000	400	2	2026
Condon	726	2	8	Sewer Line Replacements and upgrades	$ 5,000,000	442		2030

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Condon	726	2	8	Treatment Facility Upgrade	$ 40,000,000	4500		2039
Coos Bay	16,533	5	6	311th Sdwlk/gutter	$ 882,000			2025
Coos Bay	16,533	5	6	Lift Station Upgrade	$ 2,250,000		3	
Coos Bay	16,533	5	6	Plant 2 Outfall	$ 4,500,000		3	2027
Coos Bay	16,533	5	6	S. Corvallis Interceptor	$ 20,000,000			
Corvallis	61,669	5	4	Marys River Pump Station	$ 1,500,000			
Corvallis	61,669	5	4	Storm piping	$ 20,000,000			
Cottage Grove	11,095	5	4	Clear Well Upgrades	$ 2,000,000	1000	1	2028
Cottage Grove	11,095	5	4	Pump Station Improvement Program	$ 91,000,000	0	2	2024
Cottage Grove	11,095	5	4	W.W. collection system upgrade	$ 5,000,000	7,000	1	2031
Creswell	5,823	4	4	LaCreole Node Sewer Extension	$ 7,750,000	569	3	2027
Creswell	5,823	4	4	Wastewater Reuse Site	$ 1,000,000			2035
Creswell	5,823	4	4	Wastewater treatment plant	$ 25,000,000	7,000	1	2031
Dallas	17,989	5	3	Reclaimed Water Project	$ 10,000,000		3	2034
Dayton	2,704	3	3	Lagoon #6	$ 2,375,000	397	2	2035
Dayton	2,704	3	3	Wastewater Reuse	$ 12,000,000	4,000	1	2032
Donald	1,003	2	3	Far West Sewer Interceptor (partial)	$ 15,000,000	1,000		2035
Donald	1,003	2	3	Lagoon #5	$ 4,210,000	397	2	2030
Donald	1,003	2	3	Water meter replacement	$ 600,000			
Drain	1,195	2	7	Water line replacement	$ 500,000			
Durham	1,938	3	2	New gravity lines		450	1	2035
Echo	638	2	11	Capacity and Operations Study	$ 290,000			
Echo	638	2	11	Evaporation Ponds		450	1	2030
Echo	638	2	11	Evaporation Ponds	$ 3,000,000	450	1	2030
Echo	638	2	11	New gravity lines	$ 4,500,000	450	1	2035
Echo	638	2	11	Pump Station	$ 2,000,000		3	2025
Echo	638	2	11	WWTP Improvements	$ 900,000			
Estacada	5,750	4	2	North Gilham Capacity and Water Quality Improvements	$ 1,000,000		2	2026
Estacada	5,750	4	2	Pump Station	$ 3,000,000		3	2040
Estacada	5,750	4	2	WW Treatment Plant	$ 45,000,000		3	2027
Eugene	177,339	5	4	Chad Drive Stormwater Retrofit	$ 800,000		2	2026
Eugene	177,339	5	4	Piping replacement	$ 1,000,000			
Falls City	1,066	2	3	Expansion of WWTP	$ 7,750,000	2500		2040
Falls City	1,066	2	3	Glaze Creek Intake Project	$ 1,500,000		2	
Florence	9,832	4	5	Ivy Street PS - Major Expansion	$ 1,500,000	2500		2030
Florence	9,832	4	5	SCADA System	$ 52,500	0		2025
Garibaldi	837	2	1	Digester or Drying beds				
Glendale	871	2	7	Finish Automation at WWTP				
Glendale	871	2	7	Seismic	$ 601,400			
Glendale	871	2	7	WWTP	$ 7,000,000	380		
Gold Beach	2,450	3	6	BP Reservoir	$ 650,000			

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Gold Beach	2,450	3	6	Pipe Upgrades	$ 2,100,000	0		
Gold Hill	1,338	2	7	Basin 5 upsize	$ 4,500,000	0		2026
Gold Hill	1,338	2	7	Clarifier Rehab	$ 10,000,000			2026
Gold Hill	1,338	2	7	Plant upgrades	$ 3,500,000	561		2030
Grants Pass	40,102	5	7	New WTP	$ 125,000,000			2027
Gresham	117,107	5	2	Clackamas Area Interceptor Improvements	$ 46,200,000	6700		2033
Happy Valley	26,799	5	2	Rock Creek Interceptor Expansion	$ 12,100,000	4700		2027
Happy Valley	26,799	5	2	Trevitt St San/Stm	$ 4,500,000	200		2030
Happy Valley	26,799	5	2	Wastewater System Improvements - Phase 2	$ 8,000,000			2030
Heppner	1,211	2	11	Collection System Capacity Improvements	$ 325,000		1	2025
Heppner	1,211	2	11	Red Rock Creek Stabilization and Enhancement, 72nd to I-5	$ 9,690,000			2032
Heppner	1,211	2	11	Wastewater System Improvements - Phase 1	$ 8,000,000			2027
Hermiston	20,322	5	11	Emma Jones Pond Rehab	$ 3,000,000			
Hermiston	20,322	5	11	Liberty Elementary School Sewer Mainline Rehab	$ 350,000	0	2	
Hermiston	20,322	5	11	Lift Station #4 Reconstruction	$ 525,000		1	2025
Hillsboro	110,874	5	2	15th Ave Regional Water Quality Facility	$ 4,500,000			
Hillsboro	110,874	5	2	A-Street Pump Station Rebuild	$ 1,000,000		2	2028
Hines	1,705	3	12	none				
Hines	1,705	3	12	WWTP Process Improvements	$ 5,400,000		2	2030
Hood River	8,577	4	8	Leaded Joint Replacement	$ 19,300,000		2	2035
Hood River	8,577	4	8	Wastewater Lift Station	$ 1,000,000	1189	3	2027
Hubbard	3,491	4	3	Biosolid Mgmt. Upgrade	$ 1,500,000	1189	3	2027
Hubbard	3,491	4	3	Polk Wellfield	$ 500,000	2080	3	2030
Hubbard	3,491	4	3	Storm Drainage Improvements	$ 9,200,000	1189	3	
Independence	10,274	4	3	Groundwater	$ 54,000	2080	3	2030
Independence	10,274	4	3	Replacement of Water Lines	$ 2,000,000	195	1	
Ione	337	1	11	Conversion of remaining Effluent Systems	$ 7,860,000	150	2	2035
Ione	337	1	11	Wastewater System	$ 6,000,000	170	1	2025
Irrigon	2,133	3	11	Lift Station Installation	$ 1,860,000		2	2032
Irrigon	2,133	3	11	Pump Station upgrades	$ 2,650,000	1500	1	
Irrigon	2,133	3	11	Purple Pipe	$ 3,000,000	170	1	2024
Irrigon	2,133	3	11	Treatment Basin Repair	$ 1,200,000	850	1	2030
John Day	1,704	3	12	Future South Pump Station	$ 5,000,000	500	3	
John Day	1,704	3	12	WWTP	$ 21,000,000	170	1	2026
Junction City	7,427	4	4	WWTP Upgrade	$ 45,000,000	1500	3	2029
Keizer	39,169	5	3	Mark Lane Improvements	$ 1,092,000			
King City	5,177	4	2	Calif. pump station	$ 1,400,000			2025
Klamath Falls	22,966	5	10	Eastside Lift Station	$ 1,500,000	1500	3	
Klamath Falls	22,966	5	10	Pennsylvania Ave Stormwater	$ 150,000	47	2	2026
Klamath Falls	22,966	5	10	treatment plant	$ 88,000,000			2032
La Grande	12,823	5	11	Library Pond Retrofit	$ 1,880,000	4179	1	2027
La Grande	12,823	5	11	Pond #3 (Tule Lake)	$ 1,500,000		1	
La Pine	3,126	3	9	Filter Media Replacement at Water Treatment Plant	$ 1,250,000		2	
Lake Oswego	41,396	5	2	Water Quality Monitoring	$ 750,000		2	2025
Lakeview	2,476	3	10	Treatment plant Expansion	$ 25,000,000			
Lebanon	20,329	5	4	Infiltration Reduction	$ 10,000,000			2035
Lebanon	20,329	5	4	Membrane Filtration Expansion	$ 10,000,000			
Lincoln City	10,372	4	5	Biosolids Dryer	$ 10,000,000			2030
Lincoln City	10,372	4	5	Ocean Outfall	$ 15,000,000			2035
Lyons	1,203	2	4	Effluent Expansion	$ 6,000,000			2028

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Madras	8,099	4	9	Demer's Pumpstation	$ 1,500,000			2025
Maywood Park	793	2	2	Stormwater Master Plan Update	$ 1,500,000		1	2026
McMinnville	34,612	5	3	NE Gateway Wastewater Upgrade Project	$ 3,750,000	150	1	2026
Mitchell	137	1	9	Sewer Main Replacement Lola Ave	$ 1,758,896	26	2	2025
Molalla	10,335	4	3	Anaerobic lagoon conversion, and disinfection system conversion	$ 14,900,000			2028
Molalla	10,335	4	3	South Molalla Pump Station	$ 1,198,301	38	2	2027
Molalla	10,335	4	3	Waste Water Treatment Plant Upgrade	$ 46,000,000		2	2026
Monmouth	11,019	5	3	Recycled Water Site Development	$ 1,800,000			2025
Myrtle Creek	3,626	4	7	Anderson Crk	$ 400,000	800		
Myrtle Creek	3,626	4	7	replacement of aging water treatment equipment	$ 5,000,000	3,200		2027
Nehalem	290	1	1	Pre-Filters	$ 280,000			
Newberg	26,728	5	3	IPS Pipe Replacement	$ 350,000			2025
Newberg	26,728	5	3	oxidation ditch	$ 25,000,000	200	1	2040
Newport	11,083	5	5	2025-28 Conveyance Upgrade	$ 4,980,000	1800	1	2028
Newport	11,083	5	5	McLean Pump Station/Benson Road Gravity Main Project	$ 4,500,000	700		
Newport	11,083	5	5	NW 66th/73rd Sewer Repair	$ 250,000			2024
North Bend	10,769	4	6	2024 Conveyance Upgrade	$ 2,260,000	2500	1	2025
North Bend	10,769	4	6	2024-28 Treatment Equipment Upgrades	$ 3,200,000	4500	1	2028
North Bend	10,769	4	6	Main Sdwlk/gutter	$ 1,100,000			2025
North Plains	3,663	4	2	313th Sdwlk/gutter	$ 1,100,000			2024
North Plains	3,663	4	2	Collection piping	$ 20,000,000		1	
Pendleton	17,006	5	11	Large Scale Sewer Rehab Program	$ 150,000,000		2	2029
Pendleton	17,006	5	11	WWTRRF	$ 20,000,000		1	
Portland	648,097	5	2	Expansion of the West side of Town	$ 1,500,000	12		2026
Portland	648,097	5	2	Secondary Treatment Expansion @ the Columbia Blvd Treatment Plant	$ 630,000,000		2	2024
Prairie City	861	2	12	Collection/I-I Removal	$ 3,000,000	460		2040
Prairie City	861	2	12	Storm Water Pre Treatment	$ 500,000	100		2045
Prescott	82	1	1	Wastewater Plant Expansion	$ 25,000,000	4,000	1	2032
Prineville	11,598	5	9	Large Lot Industrial Regional Sewer Solution	$ 8,000,000	700	2	2028
Prineville	11,598	5	9	Water/Sewer Extension	$ 78,000,000	700	1	2029
Redmond	38,208	5	9	Redmond Wetlands Complex	$ 83,000,000	16000	3	2027
Rufus	272	1	8	Well #1	$ 500,000			
Salem	182,726	5	3	Keys Plant R&R	$ 340,000			
Salem	182,726	5	3	wastewater treatment plant				
Scappoose	8,254	4	1	Miller Plant R&R	$ 650,000			
Scappoose	8,254	4	1	Pump Station Improvement	$ 500,000			
Scio	949	2	4	Sewer Lateral Replacement	$ 3,100,000			
Scotts Mills	442	1	3	Upgrade booster stations	$ 1,500,000			
Seaside	7,393	4	1	Wastewater plant upgrade	$ 6,500,000			
Shaniko	30	1	8	New Water Treatment Plant for Stoney	$ 20,000,000		3	
Sheridan	5,987	4	3	Connecting Stoney Mountain Reservoir	$ 75,000,000		3	
Sheridan	5,987	4	3	Oregon St. Regional Storm Water	$ 1,000,000			2029
Sheridan	5,987	4	3	Updated Water Lab	$ 25,000,000			2026
Sherwood	20,868	5	2	EOP Main Rep	$ 1,567,000			2028
Sherwood	20,868	5	2	Willamette River Water Treatment Plant	$ 10,000,000	2000		2025
Sisters	3,823	4	9	Re-build Well 1	$ 808,000		3	2026
Sodaville	357	1	4	Expansion	$ 6,000,000		3	
Sodaville	357	1	4	New Reservoir	$ 500,000	125		
Springfield	63,078	5	4	Basin 4 upsize	$ 4,000,000	91	1	2026

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Springfield	63,078	5	4	Master planning	$ 750,000	150	3	
St. Helens	15,009	5	1	Basin 6 upsize	$ 5,000,000	900	1	2026
St. Helens	15,009	5	1	line upgrades	$ 5,000,000			
St. Helens	15,009	5	1	Pump Station 7	$ 2,200,000	291	1	2026
Stanfield	2,313	3	11	Research into waste water			2	
Stanfield	2,313	3	11	Waste Water Plant	$ 15,000,000	2000		
Tangent	1,218	2	4	1st St Sanitary	$ 3,000,000	1668	3	2027
Tangent	1,218	2	4	Research into public water			2	
The Dalles	16,417	5	8	Downtown sep'n	$ 6,500,000	0	2	2025
The Dalles	16,417	5	8	Red Rock Creek Stabilization and Enhancement Project	$ 12,896,000			2027
The Dalles	16,417	5	8	WWTP Ph 2	$ 15,000,000	3337	3	2028
Tigard	55,868	5	2	Kruger Creek Stabilization	$ 4,772,000			2024
Tigard	55,868	5	2	Screw Press Building	$ 600,000		2	
Tillamook	5,277	4	1	Complete I & I Abatement	$ 60,000,000		2	
Tillamook	5,277	4	1	Phase One - Sewage Solids Handling Tanks Replacement	$ 1,000,000		2	
Tillamook	5,277	4	1	Sewer repair-lining-I&I reduction	$ 1,000,000		2	2027
Toledo	3,622	4	5	Wastewater Treatment Plant upgrade	$ 2,500,000		2	2030
Toledo	3,622	4	5	WWTP Screw Press	$ 500,000		2	2025
Umatilla	7,810	4	11	New Potable Water Treatment Plant	$ 31,575,000		1	2037
Vale	1,947	3	12	Upgrade Water Treatment Capacity	$ 4,000,000	1000	1	
Veneta	5,261	4	4	Wastewater Treatment Plant Expansion	$ 6,200,000	2,000		2029
Veneta	5,261	4	4	Water Plant biosolid Upgrade	$ 2,535,000	1500	1	
Waldport	2,350	3	5	Master Pump Station Improvement	$ 1,451,000	1500	1	
Warrenton	6,462	4	1	water tank repair	$ 1,500,000	1200		2028
Waterloo	216	1	4	Blankenship Rd Improvements	$ 856,000			
West Linn	27,360	5	2	Buck Street improvements	$ 966,000			
West Linn	27,360	5	2	HWY 43 Culvert Replacement	$ 1,045,000			
West Linn	27,360	5	2	Industrial wastewater	$ 500,000	2		2030
Weston	696	2	11	Hemlock Street Improvements	$ 450,000	10	2	2026
Weston	696	2	11	Storm water	$ 500,000	400	1	2030
Wheeler	428	1	1	60th Avenue Storm Drainage	$ 2,300,000	776	1	2027
Wheeler	428	1	1	Gervais Creek Stormwater	$ 1,400,000			2026
Wilsonville	27,634	5	2	Boeckman Creek Interceptor	$ 20,300,000	1800	1	2027
Wilsonville	27,634	5	2	Frog Pond South Sewer Lift Station	$ 2,760,000	642	1	2030
Woodburn	27,044	5	3	New well to serve future residential and employment land	$ 3,000,000	3000		2026

Water Storage

CITY	Pop.	QCODE	REGION	Projects	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Adams	404	1	11	New well	$ 3,000,000	180	1	2025
Albany	57,997	5	4	AM WTP Expansion	$ 7,000,000	1000	3	2029
Albany	57,997	5	4	Century Dr. Lift Station	$ 2,000,000	1000	1	2028
Albany	57,997	5	4	Cox Creek Interceptor	$ 12,520,000	300	3	2027
Albany	57,997	5	4	NAPS Rebuild	$ 4,000,000	1000	3	2027
Amity	1,826	3	3	Replace Asbestos Cement Lines	$ 2,500,000			
Amity	1,826	3	3	Replace Storage Tank	$ 2,000,000			
Ashland	21,457	5	7	7 MGD Water Treatment Plant	$ 70,000,000			2027
Ashland	21,457	5	7	Dam Safety Improvements	$ 6,000,000			2027
Ashland	21,457	5	7	Transmission Line Replacement	$ 3,000,000			2027
Astoria	10,167	4	1	Automatic Meter System (AMR)	$ 1,000,000	0		
Astoria	10,167	4	1	Dam Emergency Spillway	$ 1,500,000	0		
Astoria	10,167	4	1	Reservoir Covers	$ 4,000,000	0		
Aurora	1,119	2	3	Same as above		45		
Aurora	1,119	2	3	Same as above		45		
Aurora	1,119	2	3	Same as above		45		
Baker City	10,102	4	12	Mountain Line Replacement	$ 8,498,160	5000	3	2035
Baker City	10,102	4	12	Water ML Replacements	$ 7,193,333	5000	3	
Bandon	3,866	4	6	Clarifier	$ 3,047,800			
Bandon	3,866	4	6	Generator Backup	$ 1,302,000			
Bandon	3,866	4	6	Off-Channel Reservoir	$ 8,342,000			
Bandon	3,866	4	6	Well Field	$ 3,942,740			
Banks	1,910	3	2	Sand Filter Plan	$ 1,000,000			
Banks	1,910	3	2	Water Reservoir	$ 4,000,000			
Bay City	1,646	3	1	Isolation Valves	$ 250,000	1000		2025
Bay City	1,646	3	1	Reservoir	$ 1,100,000		2	2025
Bay City	1,646	3	1	Transmission Line Replacement	$ 2,700,000	1000	2	2025
Beaverton	101,165	5	2	ASR 7a	$ 6,500,000	6000	1	2030
Beaverton	101,165	5	2	Cooper Mountain Reservoir #3	$ 35,000,000	10000	1	2038
Beaverton	101,165	5	2	North Transmission Line	$ 74,000,000	5000	1	
Beaverton	101,165	5	2	Tile Flat Pump Station	$ 9,000,000	4000	1	2030
Bend	106,275	5	9	Awbrey Butte Distribution	$ 16,500,000		1	2025
Bend	106,275	5	9	Capital Repair & Replacement Program	$ 15,000,000		1	
Bend	106,275	5	9	Outback Facility Improvements	$ 64,000,000		1	2029
Bend	106,275	5	9	Pilot Butte Distribution	$ 11,500,000		1	2028
Boardman	4,437	4	11	Reservoir Recoating	$ 350,000	916	2	2026
Boardman	4,437	4	11	Utility Service Line	$ 400,000	80	2	2024
Canby	19,045	5	2	4 MG Reservoir	$ 9,500,001		1	
Canby	19,045	5	2	Reservoir - Clearwell Rehabilitation	$ 710,001	5446	3	2034
Canby	19,045	5	2	Reservoir - Tank 1A Rehabilitation	$ 700,001	5446	3	2034
Canby	19,045	5	2	Water Treatment Plant	$ 82,000,001		1	2031
Canyonville	1,703	3	7	Reservoir Tanks/Pump Station	$ 1,910,743	561	1	2030
Canyonville	1,703	3	7	Water Distribution Lines	$ 2,526,321	561	1	2026
Carlton	2,425	3	3	Emergency water supply	$ 3,000,000	4000		2026
Carlton	2,425	3	3	Increase water source	$ 20,000,000	4000		2035
Carlton	2,425	3	3	Water storage	$ 10,000,000	4000		2030
Cave Junction	2,163	3	7	Covers Over Sed. Basins	$ 170,812		3	2028
Cave Junction	2,163	3	7	Filter Media Replacement	$ 115,534		3	2026
Cave Junction	2,163	3	7	Reservoir Maintenance	$ 2,141,315		3	2032

CITY	Pop.	QCODE	REGION	Projects	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Central Point	19,666	5	7	Beall Dual Pipe	$ 845,000	1670		2031
Central Point	19,666	5	7	Beall Line Upgrade	$ 945,000	1670	2	2031
Central Point	19,666	5	7	Beall Pump Station	$ 2,800,000	1670	2	2031
Central Point	19,666	5	7	Old Stage Reservoir #2	$ 8,400,000	1670	2	2031
Clatskanie	1,767	3	1	Water Plant Upgrades	$ 5,000,000	824	2	2028
Coburg	1,475	3	4	Elevated storage reservoir	$ 7,500,000		2	2030
Coburg	1,475	3	4	Seismic rehab of water storage tanks	$ 3,000,000		2	2029
Condon	726	2	8	Water Line replacements and upgrades	$ 10,000,000	442		2030
Corvallis	61,669	5	4	Reservoir replacement and/or refurbishment	$ 30,000,000			
Corvallis	61,669	5	4	Rock Creek treatment plant	$ 7,000,000			
Corvallis	61,669	5	4	Watermain replacement	$ 50,000,000			
Cottage Grove	11,095	5	4	22nd St. Reservoir	$ 5,000,000	200		2028
Cottage Grove	11,095	5	4	Halderman Reservoir	$ 2,000,000	300	1	2026
Cottage Grove	11,095	5	4	Sunrise Ridge Reservoir	$ 1,000,000	500		2026
Creswell	5,823	4	4	Arsenic removal treatment system	$ 500,000	8,000	1	2029
Creswell	5,823	4	4	Reservoir seismic retro fit project	$ 500,000	8,000	1	2026
Creswell	5,823	4	4	Water Transmission line replacement	$ 2,000,000	8,000	1	2028
Dallas	17,989	5	3	Clay Street Water Line Replacement	$ 3,000,000	6,000	3	2025
Dallas	17,989	5	3	James Howe Reservoir Project	$ 6,600,000	6,000	3	2028
Dallas	17,989	5	3	Mercer Dam Replacement	$ 60,603,200	6,000	3	2028
Dayton	2,704	3	3	Ash St. Transmission Line	$ 633,600	200	1	2030
Dayton	2,704	3	3	E. Dayton Industrial Area Water line	$ 1,404,150			
Dayton	2,704	3	3	Hwy 221 Palmer Crk. Transmission Main	$ 1,151,700	47	1	2026
Dayton	2,704	3	3	Watershed Transmission Main	$ 2,538,000			
Donald	1,003	2	3	Well #4	$ 2,500,000	397	2	2029
Drain	1,195	2	7	New or updated water treatment facility	$ 5,000,000			
Echo	638	2	11	Replace Fire Hydrants		450	1	2035
Echo	638	2	11	Replace Fire Hydrants	$ 750,000	450	1	2035
Echo	638	2	11	Replacement Valves		450	1	2030
Echo	638	2	11	Replacement Valves	$ 500,000	450	1	2030
Estacada	5,750	4	2	Additional Reservoirs	$ 15,000,000		3	2035
Estacada	5,750	4	2	Update Water Plant	$ 30,000,000	1169 single, 59 ADU, 513-1238 multifamily	3	2032
Estacada	5,750	4	2	Water Rights			3	2040
Falls City	1,066	2	3	Fire Hydrants Replacement Project	$ 1,000,000			
Falls City	1,066	2	3	Transmission Lines Replacement Project	$ 2,000,000		2	
Falls City	1,066	2	3	Water Line Replacement Project	$ 2,300,000		2	2025
Florence	9,832	4	5	Expansion of water Pump Station - 4 mil site	$ 1,500,000	1000		2030
Florence	9,832	4	5	Reservoir 4	$ 2,200,000	1000		2036
Florence	9,832	4	5	Well 14	$ 500,000	500		2025
Fossil	455	1	9	Aquifer Storage & Recovery	$ 1,400,000	290	1	2026
Fossil	455	1	9	South Reservoir roof replacement/lead cleanup	$ 225,000	290	1	2028
Glendale	871	2	7	Clean out ponds for emergency use				
Glendale	871	2	7	Repair and replace piping to ponds to make useable		380		
Glendale	871	2	7	Repair improve holding tank				
Gold Beach	2,450	3	6	Jerrys Flat	$ 9,300,100			
Gold Beach	2,450	3	6	Jerrys Flat Storage	$ 1,752,000			
Gold Beach	2,450	3	6	Mateer Bridge	$ 144,000			

CITY	Pop.	QCODE	REGION	Projects	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Gold Beach	2,450	3	6	Rogue Hills	$ 120,300			
Gold Hill	1,338	2	7	Distribution lines	$ 350,000	561		2024
Grants Pass	40,102	5	7	Redwod Highway Looping	$ 6,000,000			2027
Grants Pass	40,102	5	7	Reservoir 13	$ 7,000,000			2028
Grants Pass	40,102	5	7	Reservoir 17	$ 7,000,000			2025
Gresham	117,107	5	2	Cascade WTF	$ 28,000,000			2026
Gresham	117,107	5	2	PV Reservoir	$ 20,000,000			2030
Gresham	117,107	5	2	Well 6 WTF	$ 15,000,000			2026
Heppner	1,211	2	11	Water system improvements	$ 10,000,000			2027
Hermiston	20,322	5	11	W. Orchard Water Line Replacement	$ 900,000		1	2026
Hermiston	20,322	5	11	Well #6 Chlorination System	$ 450,000		1	2025
Hermiston	20,322	5	11	Well No. 4 Control System	$ 390,000		1	2025
Hillsboro	110,874	5	2	JWC Chlorine Replacement (Full City)	$ 10,000,000		2	2027
Hillsboro	110,874	5	2	South Hillsboro Reservoir	$ 10,000,000		1	2034
Hillsboro	110,874	5	2	Upper system pipe replacement	$ 40,000,000		2	2034
Hillsboro	110,874	5	2	Willamette Water Supply System (Full City)	$ 470,000,000		1	2026
Hines	1,705	3	12	Repair/Replace water distribution lines	$ 1,000,000	350	1	2046
Hines	1,705	3	12	repair/update water storage tank	$ 1,000,000	700	1	2029
Hines	1,705	3	12	water line expansion	$ 1,000,000	250	1	2032
Hood River	8,577	4	8	Water Storage Facility #1	$ 700,000		2	2030
Hood River	8,577	4	8	Water Storage Facility #2	$ 950,000		2	2035
Hood River	8,577	4	8	Water Storage Facility #3	$ 450,000			2040
Hubbard	3,491	4	3	Distribution (AMI)	$ 600,000	1189	3	
Hubbard	3,491	4	3	Main Replacement	$ 1,970,000	1189	3	
Hubbard	3,491	4	3	Reservoir/WTP Seismic/Structural Analysis	$ 100,000	1189	3	
Independence	10,274	4	3	Corvallis Rd WL	$ 850,000	2080	3	2026
Independence	10,274	4	3	Mr Fir Waterline	$ 1,200,000	2080	3	2031
Independence	10,274	4	3	WTP Facility	$ 40,000,000	2080	3	2031
Irrigon	2,133	3	11	Backup Generator for wells	$ 950,000	850		2029
Irrigon	2,133	3	11	New Reservoir (tank)-Storage	$ 5,780,000	850	2	2040
Irrigon	2,133	3	11	New Well (#5)	$ 3,350,000	850	2	2030
Irrigon	2,133	3	11	Repair and upgrade lines to standard 8" size/capabilities	$ 2,570,000	850	2	2033
John Day	1,704	3	12	Distrib. Pipe Repairs	$ 2,500,000	170	1	2028
Junction City	7,427	4	4	Distribution System Repair Projects	$ 25,000,000		2	
Junction City	7,427	4	4	Water Distribution Storage	$ 8,000,000	500	3	
Junction City	7,427	4	4	Westside WTP	$ 10,000,000	1000	3	
Keizer	39,169	5	3	1.25 Million Gallon Reservoir	$ 7,500,000			2029
Keizer	39,169	5	3	Waterline Replacement	$ 12,000,000			2032
Klamath Falls	22,966	5	10	6th Street booster	$ 3,600,000			2026
Klamath Falls	22,966	5	10	center reservoir	$ 12,000,000			2029
Klamath Falls	22,966	5	10	Moyina	$ 2,500,000			2028
La Grande	12,823	5	11	Beaver Creek Filtration Plant	$ 5,000,000		1	
La Grande	12,823	5	11	Potable Water Supply Well	$ 1,500,000		1	
La Grande	12,823	5	11	West Side Water Reservoir	$ 3,000,000		1	
Lake Oswego	41,396	5	2	Bergis Water Reservoir Replacement	$ 5,500,000		2	2029
Lake Oswego	41,396	5	2	Forest Highlands Reservoir Replacement	$ 2,500,000			2029
Lake Oswego	41,396	5	2	Pipe Capacity Improvements	$ 3,000,000		2	2028
Lake Oswego	41,396	5	2	Water Distribution Rehabilitation	$ 3,000,000		2	2025
Lebanon	20,329	5	4	Reservoir Replacement	$ 15,000,000			

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Lincoln City	10,372	4	5	Additional Storage	$ 10,000,000			2029
Lincoln City	10,372	4	5	Replace Aging lines	$ 20,000,000			2040
Lincoln City	10,372	4	5	Upgrade Treatment Plant	$ 10,000,000			2030
Lincoln City	10,372	4	5	Water Source Protection	$ 15,000,000			2040
McMinnville	34,612	5	3	Phase 4 Trans. Line Replacement	$ 10,000,000			2029
McMinnville	34,612	5	3	Phase Trans. Line Replacement	$ 10,000,000			2026
McMinnville	34,612	5	3	Raw Water Line Replacement	$ 2,500,000			2025
Medford	90,887	5	7	Capital Hill Reservoir	$ 30,000,000			2027
Medford	90,887	5	7	Duff Water Treatment Plant Expansion and Transmission Piping	$ 100,000,000			2026
Medford	90,887	5	7	Duff Water Treatment Plant Second Water Intake	$ 40,000,000			2035
Medford	90,887	5	7	River Zone Reservoir	$ 30,000,000			2030
Milton-Freewater	7,490	4	11	NEW RESERVOIR	$ 9,200,000	3,000	3	2028
Milton-Freewater	7,490	4	11	WELL 10	$ 2,500,000	500	3	2026
Molalla	10,335	4	3	2 MG Treated Water Tank w/land Acquisition	$ 8,253,000		2	2027
Molalla	10,335	4	3	New Water Intake Pump	$ 4,277,592		2	2026
Molalla	10,335	4	3	Pressure Reducing Valves	$ 1,331,200		2	2026
Molalla	10,335	4	3	Water Main Replacement Lola Ave	$ 1,058,400	22		2026
Monmouth	11,019	5	3	Marion County Well #1A B	$ 1,200,000			2025
Monmouth	11,019	5	3	Willamette River Intake/Treatment Plant	$ 20,000,000			2030
Monmouth	11,019	5	3	Willamette Wellfield	$ 750,000			2027
Monroe	763	2	4	Water Treatment Plant	$ 2,200,000	336	1	2026
Myrtle Creek	3,626	4	7	1 million gallon water tank replacement	$ 5,250,000	1800		2029
Myrtle Creek	3,626	4	7	750,000 gallon water tank replacement	$ 4,100,000	1800		2027
Myrtle Creek	3,626	4	7	addition of membrane skid in water treatment plan	$ 2,800,000	1800		2026
Newberg	26,728	5	3	Additional water plant	$ 40,000,000	200	1	2032
Newport	11,083	5	5	East Newport Water Line Extensions	$ 3,500,000	700		
Newport	11,083	5	5	Main Tank Replacement Project	$ 12,000,000			2026
Newport	11,083	5	5	Newport Reservoir Replacement (Design)	$ 15,200,000			2027
Newport	11,083	5	5	Underbay Water Main Resiliency	$ 4,500,000	1,300		2027
North Bend	10,769	4	6	FIre Flow Hydrant Upgrade	$ 2,500,000	4,500		2032
North Bend	10,769	4	6	Main Water Storage Facilities Replace	$ 22,000,000	13000		2029
North Bend	10,769	4	6	Merritt Dam Seismic Upgrade	$ 25,000,000	13000		2029
North Bend	10,769	4	6	Scada System Replace	$ 1,000,000	13000		2029
North Plains	3,663	4	2	313th pipe upsize	$ 791,200			2024
North Plains	3,663	4	2	Hillcrest pipe upsize	$ 375,000			2025
North Plains	3,663	4	2	PW Bldg/Reservoir	$ 6,800,000	500	1	2024
Pendleton	17,006	5	11	Aging pumps	$ 4,000,000		1	
Pendleton	17,006	5	11	Aging water lines	$ 60,000,000		1	
Pendleton	17,006	5	11	Capacity water lines	$ 10,000,000		1	
Pendleton	17,006	5	11	Filter replacement	$ 6,000,000		1	
Portland	648,097	5	2	Bull Run Filtration	$ 1,250,000			2028
Portland	648,097	5	2	Bull Run Pipelines	$ 464,000,000			2028
Portland	648,097	5	2	Ongoing Distribution Mains Replacement	$ 500,000,000			
Portland	648,097	5	2	Willamette River Crossing	$ 136,000,000			2029
Prairie City	861	2	12	Additional Fire Hydrants and Line Capacity	$ 1,500,000	460		2040

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Prairie City	861	2	12	Additional Storage	$ 1,200,000	460		2040
Prairie City	861	2	12	Distribution Repairs	$ 1,000,000	460		2040
Prescott	82	1	1	Additional storage capacity	$ 50,000	50	1	2026
Prescott	82	1	1	Additional water capacity from Surface water	$ 600,000	60	1	2027
Prescott	82	1	1	Replace green sand filter system for removal of arsenic and other metals	$ 50,000	37	1	2025
Prineville	11,598	5	9	Aquifer Storage and Recovery Water Treatment Plant Expansion	$ 12,000,000	4,000	1	2028
Prineville	11,598	5	9	SE System Expansion	$ 3,500,000	700	1	2036
Prineville	11,598	5	9	Water Storage Expansion	$ 6,000,000	4,000	1	2030
Redmond	38,208	5	9	Well 10	$ 8,500,000	6000	3	2032
Redmond	38,208	5	9	Well 11	$ 11,000,000	6000	3	2040
Redmond	38,208	5	9	Well 9	$ 6,400,000	6000	3	2026
Reedsport	4,395	4	6	Source water protection	$ 1,000,000	2000		
Reedsport	4,395	4	6	Water Distribution	$ 5,000,000	2000		
Reedsport	4,395	4	6	Water plant improvement	$ 5,000,000	2000		
Reedsport	4,395	4	6	Water storage tank	$ 4,000,000	500		
Rufus	272	1	8	Well #1	$ 1,500,000	274		
Rufus	272	1	8	Well #3	$ 500,000	274		
Scappoose	8,254	4	1	High Zone Transfer Line	$ 1,000,000			
Scappoose	8,254	4	1	Keys Rd. Reservoir	$ 10,000,000			
Scappoose	8,254	4	1	Surface Water transmission line	$ 6,000,000			
Scio	949	2	4	New Well	$ 300,000			
Scio	949	2	4	Storage Reservoir	$ 700,000			
Scio	949	2	4	Water Line Improvements	$ 500,000			
Seaside	7,393	4	1	Additional filter at water plant	$ 1,500,000			2035
Seaside	7,393	4	1	Royal View water tank maintenance and repair	$ 900,000		2	2025
Seaside	7,393	4	1	Thompson Hills generator/pump	$ 75,000			2024
Shaniko	30	1	8	new meters, fire hydrants	$ 750,000	37	1	
Shaniko	30	1	8	Pumping Station, Spring rehabilitation, telemetry, booster pump station.	$ 750,000	37	1	2026
Sheridan	5,987	4	3	Replace spring line	$ 25,000,000			
Sheridan	5,987	4	3	Stoney Mountain				
Sheridan	5,987	4	3	Water Plant upgrade or replacement				
Sherwood	20,868	5	2	public works facility	$ 24,600,000			2029
Sherwood	20,868	5	2	resiliency improvements	$ 6,296,000			2039
Sherwood	20,868	5	2	Various expansion projects Brookman/Sherwood West	$ 10,700,000	3061		2034
Sisters	3,823	4	9	16" Rep Main	$ 1,466,000			2027
Sisters	3,823	4	9	16"Trans Main	$ 3,635,000			2026
Sisters	3,823	4	9	New 2.2 MG Res	$ 6,283,000		3	2026
Sodaville	357	1	4	New Wells	$ 3,000,000	125		
Sodaville	357	1	4	Water Pipeline	$ 20,000,000	125		
Springfield	63,078	5	4	Distribution	$ 20,000,000	1,500	3	
Springfield	63,078	5	4	Pipe Upgrades	$ 33,000,000		3	
Springfield	63,078	5	4	Water Plant	$ 30,000,000		3	
St. Helens	15,009	5	1	2MG Reservoir	$ 8,100,000	4800	3	2026
St. Helens	15,009	5	1	Bayport well Activation	$ 25,000			2026
St. Helens	15,009	5	1	Milton Creek Line	$ 2,500,000		3	2026
Stanfield	2,313	3	11	Water Tower		2000		

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Tangent	1,218	2	4	Research into public water system			2	
The Dalles	16,417	5	8	Crow Cr Dam	$ 30,000,000	3337	3	2032
The Dalles	16,417	5	8	Transmission Line	$ 13,000,000	3337	3	2028
The Dalles	16,417	5	8	WTP Upgrade	$ 20,000,000	3337	3	2025
Tigard	55,868	5	2	LO/T Water Supply Expansion	$ 8,375,000			2027
Tigard	55,868	5	2	Reservoir 18 and Pump Station	$ 33,993,000			2025
Tigard	55,868	5	2	Reservoir 19	$ 23,315,000			2030
Tillamook	5,277	4	1	HWY 101 South Water Transmission Line Replacement	$ 8,000,000		2	
Tillamook	5,277	4	1	Power Generators for Wells	$ 500,000		2	
Tillamook	5,277	4	1	Reservoir Replacement	$ 5,000,000			
Tillamook	5,277	4	1	Water Plant Modernization	$ 10,250,000		2	
Toledo	3,622	4	5	Ammon Tank/Reservoir replacement	$ 2,500,000		2	2025
Toledo	3,622	4	5	Mill Creek Raw Line Phase 1A	$ 200,000		2	2024
Toledo	3,622	4	5	Mill Creek Raw Line replacement Phase III	$ 1,500,000		2	2025
Toledo	3,622	4	5	SE Fir Street Water Line upgrade	$ 500,000	120		2024
Troutdale	17,005	5	2	Reservoir #5 W/transmission Main	$ 2,500,000			2028
Troutdale	17,005	5	2	Reservoir Seismic upgrades	$ 1,000,000			2029
Troutdale	17,005	5	2	Well #9	$ 2,500,000			2026
Umatilla	7,810	4	11	6th St Waterline Improvement	$ 1,287,682	29	1	2026
Umatilla	7,810	4	11	Brownell Water Pipeline Upgrades	$ 794,000	34	1	2025
Umatilla	7,810	4	11	Reservoir Improvements	$ 7,988,000		1	2026
Vale	1,947	3	12	Municipal Well Upgrades	$ 1,000,000	1000	1	
Vale	1,947	3	12	Water Reservoir/Booster Station	$ 7,000,000	1000	1	
Veneta	5,261	4	4	New reservoir	$ 3,500,000	4,000	1	2030
Waldport	2,350	3	5	Fire flow mains upgrade	$ 5,600,000	1500	1	
Waldport	2,350	3	5	SWLCWPUD intertie	$ 1,105,000			
Waldport	2,350	3	5	Treatment Plant upgrade	$ 4,766,000	1500	1	
Warrenton	6,462	4	1	raw water reservoir	$ 1,800,000	2000		2026
West Linn	27,360	5	2	AC Pipe Replacement	$ 2,000,000			
West Linn	27,360	5	2	Cast Iron Pipe Replacement	$ 2,000,000			
West Linn	27,360	5	2	Galvanized Pipe Replacement	$ 300,000			
West Linn	27360	5	2	Reservoir Seismic Retrofit	$ 1,300,000			
Weston	696	2	11	Well and storage facility	$ 5,000,000	500	1	2032
Wheeler	428	1	1	Feasibility Study for New Water Supply Sources and Treatment Options	$ 30,000	276	2	2025
Wheeler	428	1	1	New SCADA System	$ 40,500	276	2	2024
Wheeler	428	1	1	Replace AC Mains	$ 1,464,000	47	2	2025
Wilsonville	27634	5	2	Advance Road Water Line	$ 430,000	642	1	2028
Wilsonville	27,634	5	2	Boeckman Creek Water Line Crossing	$ 1,360,000	2400	1	2027
Wilsonville	27,634	5	2	Stafford Water Line	$ 1,200,000	1150	1	2027
Wilsonville	27,634	5	2	West Side Level B Reservoir	$ 17,200,000	4179	1	2026

Highway Projects

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Albany	57,997	5	4	Waverly Overlay	$ 992,000			2025
Albany	57,997	5	4	Washington Overlay	$ 1,013,000			2024
Albany	57,997	5	4	34th Overlay	$ 1,731,000			2026
Albany	57,997	5	4	Queen Ave Rebuild	$ 2,758,000			2025
Albany	57,997	5	4	14th/Clay/Geary Overlay	$ 2,987,000			2024
Ashland	21,457	5	7	Hersey St. protected bike lane conversion	$ 650,000			2025
Ashland	21,457	5	7	Ashland St. Rehabilitation	$ 5,500,000			2024
Ashland	21,457	5	7	Oak St. Rehabilitation	$ 8,000,000			2027
Ashland	21,457	5	7	North Mountain Avenue Rehabilitation	$ 10,000,000			2025
Ashland	21,457	5	7	Siskiyou Blvd. Rehabilitation	$ 11,000,000			2028
Ashland	21,457	5	7	B St. Improvements	$ 200,000			2025
Astoria	10,167	4	1	OR202 Sidewalk Project - Phase 2	$ 1,000,000			
Astoria	10,167	4	1	Hwy 30 at 33rd St. Signal Inter-connection	$ 3,000,000			

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Astoria	10,167	4	1	Hwy 30 Pedestrian Safety	$ 3,000,000			
Bandon	3,866	4	6	HWY 101 & Seabird Connector Reconfiguration	$ 2,000,000			
Bay City	1,646	3	1	Safe pedestrian crossing over Hwy 101	$ 10,000,000		2	2035
Bend	106,275	5	9	Empire Interchange	$ 30,000,000			
Bend	106,275	5	9	Murphy Parkway Ramps	$ 10,000,000		2	2027
Bend	106,275	5	9	Colorado Interchange	$ 20,000,000		2	
Bend	106,275	5	9	Reed Market Interchange	$ 35,000,000		2	
Bend	106,275	5	9	Powers Interchange	$ 50,000,000		2	
Boardman	4,437	4	11	NA				
Canby	19,045	5	2	N Pine Street	$ 2,900,000		2	
Canby	19,045	5	2	S Ivy Street	$ 4,300,000		2	
Canby	19,045	5	2	Walnut Street Extension	$ 9,500,000	100	1	2026
Carlton	2,425	3	3	Sidewalks	$ 10,000,000	4000		
Carlton	2,425	3	3	Neighborhood roads	$ 20,000,000	4000		
Carlton	2,425	3	3	OR47	$ 20,000,000	4,000		
Central Point	19,666	5	7	1-5 at Pine Ped Bridge	$ 10,000,000		2	
Clatskanie	1,767	3	1	Repave Park St.	$ 133,000	0	2	2024
Clatskanie	1,767	3	1	Repave Bryant after Sewer line replace	$ 350,000	36	2	2027
Coos Bay	16,533	5	6	n/a				
Corvallis	61,669	5	4	OR 99W/Goodnight Traffic Control	$ 8,400,000			
Corvallis	61,669	5	4	Hwy 34 Capacity Enhancements	$ 9,500,000			
Cottage Grove	11,095	5	4	Cleveland	$ 1,500,000	500	1	2026
Cottage Grove	11,095	5	4	Cleveland Bridge	$ 3,000,000			2028
Creswell	5,823	4	4	Oregon Ave / HWY 99 jog intersection improvements	$ 10,315,000	8,000	1	
Dallas	17,989	5	3	None.				
Echo	638	2	11	Theilson Rd. HWY 320	$ 7,500,000	400	3	
Eugene	177,339	5	4	Hwy 126/W. 11th Avenue urban standards â€“ Terry to Greenhill	$ 20,000,000	1260	2	
Eugene	177,339	5	4	Beltline Arterial Bridge	$ 180,000,000		2	
Florence	9,832	4	5	Hwy 101 - pedestrian activated crossings at 46th; 42nd/43rd	$300,000	500	1	2030
Florence	9,832	4	5	Hwy 101 - signal at 46th	$ 1,000,000			2036
Florence	9,832	4	5	Hwy 101/Munsel Lake Rd signal	$ 1,250,000	580	1	2028
Florence	9,832	4	5	Hwy 126/Spruce Street improvements	$ 1,400,000			2034
Florence	9,832	4	5	Hwy 101/Heceta Beach Rd	$ 1,500,000	580	1	2040
Florence	9,832	4	5	Hwy 101 sidewalks north of 37th	$ 3,090,000	1000	1	2030
Glendale	871	2	7	Repave 2nd	$ 125,000	400		
Glendale	871	2	7	Repave Gaddis	$ 125,000	20		
Glendale	871	2	7	Repave Molly and Pacific	$ 150,000	400		
Glendale	871	2	7	Repave Sether	$ 175,000	400		
Glendale	871	2	7	Enlarge S-Curves	$ 200,000	400		
Glendale	871	2	7	Pave Winnie Walker	250,000	50		
Gold Hill	1,338	2	7	Paving				
Happy Valley	26,799	5	2	HWY 212/172nd (Second east bound left turn lane)	$ 1,000,000	6700		
Happy Valley	26,799	5	2	HWY 212/162nd (Round-a-bout)	$ 3,000,000	6700		

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Happy Valley	26,799	5	2	HWY 212-224 (Second east bound turn lane, widen OR 224 to provide a southbound receiving lane)	$ 7,000,000	6700		
Happy Valley	26,799	5	2	HWY 212 (224 to 187th 5 lane facility)	$ 23,500,000	6700		
Happy Valley	26,799	5	2	Sunrise Phase II	$ 477,000,000	6,700		
Happy Valley	26,799	5	2	HWY 224 (212 to Carver 5 lane facility)	$ 22,200,000	2000		
Heppner	1,211	2	11	2024 Chip seal	$ 160,000	150		2024
Heppner	1,211	2	11	No-name Ave	$ 2,000,000	31		2026
Heppner	1,211	2	11	Gilmore/Pioneer	$ 3,000,000	71		2025
Heppner	1,211	2	11	Morgan St	$ 4,000,000	14		2027
Hermiston	20,322	5	11	W. Theater Lane Resurfacing	$ 650,000		1	2027
Hermiston	20,322	5	11	Geer/Harper/1st Place Intersection	$ 1,200,000		1	2026
Hood River	8,577	4	8	Heights Roundabout	$ 4,000,000		2	2030
Hood River	8,577	4	8	Mt Adams Roundabout/Signal	$ 6,000,000		3	2035
Hood River	8,577	4	8	Heights Streetscape	$ 25,000,000		2	2040
Hubbard	3,491	4	3	Paving				
Hubbard	3,491	4	3	Sidewalks Connectivity				
Hubbard	3,491	4	3	Storm Drainage				
Independence	10,274	4	3	Stryker/Main Safety	$ 65,000		3	2033
Independence	10,274	4	3	5th/Monmouth SRTS	$ 1,260,000		3	2028
Independence	10,274	4	3	7th/Monmouth Signal	$ 2,500,000	1000	3	2030
Independence	10,274	4	3	Main/Monmouth Signal	$ 2,500,000	1000	3	2035
Independence	10,274	4	3	Polk/Main Signal	$ 3,500,000	1,000	3	2027
Irrigon	2,133	3	11	Highway needs paved by ODOT	$ 6,500,000	600	3	2040
Keizer	39,169	5	3	Verda Lane Urban Upgrade	$ 9,500,000			
Keizer	39,169	5	3	Wheatland Road Multi Modal Upgrade	$ 9,900,000			
La Grande	12,823	5	11	Resurfacing of Adams Ave	$ 6,000,000		1	
La Grande	12,823	5	11	Hwy. 30 ADA Ramp Replacement	$ 8,000,000		1	
Lincoln City	10,372	4	5	Hwy 101 approaches	$600,000			2026
Lincoln City	10,372	4	5	NE Holmes to 25th	$ 2,000,000			2038
Lincoln City	10,372	4	5	SE 32nd to HS Dr.	$ 3,000,000			2029
Lincoln City	10,372	4	5	SW 19th to 23rd	$ 3,000,000			2040
Lincoln City	10,372	4	5	SW 35th to Inn	$ 4,000,000			2044
Lincoln City	10,372	4	5	Logan to WDLR	$ 5,500,000			2034
Madras	8,099	4	9	J Street Signals	$ 4,000,000			
Madras	8,099	4	9	Downtown Streetscape	$ 20,000,000			
Madras	8,099	4	9	South Madras Traffic Mitigation	$ 80,000,000			
McMinnville	34,612	5	3	Highway 99 Active Transportation Improvements	$ 1,500,000		3	
McMinnville	34,612	5	3	Highway 18 Corridor Plan	$ 45,000,000		3	
Molalla	10,335	4	3	Install sidewalks on both sides of the roadway from the west city limits to OR 213. (North Side 1,615 LF, South Side 920 LF)	$ 967,525			
Molalla	10,335	4	3	Fill in gaps on both sides of the roadway from the north city limits to OR 211 with sidewalks of appropriate width. (East Side 1,900 LF, West Side 3,750 LF)	$ 1,692,183			
Molalla	10,335	4	3	Fill in the gaps on both sides of the roadway from OR 213 to Molalla Avenue with sidewalks of appropriate width. (North Side 5,240, South Side 4,770)	$ 2,205,958			
Molalla	10,335	4	3	HWY213/Toliver Roundabout	$ 10,475,291		2	2023

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Monmouth	11,019	5	3	Hw 51 Enhanced RRFG Crossing	$ 350,000			2025
Monmouth	11,019	5	3	Hwy 51 Sidewalk Infill	$ 400,000			2025
Monmouth	11,019	5	3	Enhanced RRFB Crosswalks	$ 700,000			2024
Myrtle Creek	3,626	4	7	3rd Ave	$ 200,000	250		2027
Myrtle Creek	3,626	4	7	Douglas Street	$ 300,000	40		2026
Myrtle Creek	3,626	4	7	Division St	$ 400,000	225		2028
Myrtle Creek	3,626	4	7	Holly/Laurance Street	$ 400,000	80		2024
Myrtle Creek	3,626	4	7	Madrona Street	$ 450,000	40		2025
Nehalem	290	1	1	unknown				
Newport	11,083	5	5	US 20 / Moore Intersection Improvements	$ 1,200,000			2028
Newport	11,083	5	5	US 101 / NE 36th Signal	$ 1,300,000	290		
Newport	11,083	5	5	US 101 / SE 40th Signal	$ 1,800,000	1,500		2026
Newport	11,083	5	5	US 101 - NW25th to NE 36th Sidewalk Project	$ 3,400,000	290	1	2025
Newport	11,083	5	5	US 101 Lighthouse Dr to NW 77th Pathway Improvements	$6,600,000	1,200	1	
Newport	11,083	5	5	US 101 / 9th St Couplet	$ 13,000,000	300	1	2032
North Bend	10,769	4	6	ODOT Hwy 101	$ 1,300,000		1	2024
North Bend	10,769	4	6	ODOT Hwy 540	$ 1,700,000		1	2026
North Bend	10,769	4	6		Broadway Ave (Hwy 540)		1	2029
North Plains	3,663	4	2	n/a				
Portland	648,097	5	2	Powell	$ 185,000,000		2	
Portland	648,097	5	2	I5 Rose Quarter (not on HCN)	$ 1,700,000,000		2	
Portland	648,097	5	2	82nd		124	1	
Portland	648,097	5	2	Barbur		150	1	
Portland	648,097	5	2	Lombard			2	
Prescott	82	1	1	River view Street	$ 30,000	5	1	
Prescott	82	1	1	Blakely Street	$ 50,000	9	1	
Prescott	82	1	1	Doane Street	$ 50,000	9	1	
Prescott	82	1	1	School Street	$ 50,000	7	1	
Prescott	82	1	1	Hout Street	$ 70,000	5	1	
Prineville	11,598	5	9	O'Neil Hwy/Hwy 126 Intersection Improvements	$ 5,000,000	4,000	1	2030
Prineville	11,598	5	9	Peters Rd. Extension	$ 10,000,000	1,600	1	2032
Prineville	11,598	5	9	Combs Flat Rd. Extensoin	$ 17,000,000	1,500	1	2026
Redmond	38,208	5	9	Hwy 126/35th Traffic Signal	$ 2,000,000	10,000	3	2026
Redmond	38,208	5	9	Eastside Arterial Hwy 126 Roundabout	$ 6,000,000	1,000	3	2026
Redmond	38,208	5	9	Hwy 126/Helmholtz Roundabout	$ 6,000,000	5,000		2028
Redmond	38,208	5	9	Hwy 97 O'Neill Junction Interchange	$ 70,000,000	10,000	3	2040
Redmond	38,208	5	9	Hwy 97 Southern Interchange	$ 70,000,000	5,000	3	2034
Scappoose	8,254	4	1	N/A				
Scappoose	8,254	4	1	N/A				

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Scappoose	8,254	4	1	N/A				
Scappoose	8,254	4	1	N/A				
Scappoose	8,254	4	1	N/A				
Sherwood	20,868	5	2	Arrow street	$ 1,600,000			2026
Sherwood	20,868	5	2	Elwert Rd	$ 6,000,000			2027
Sherwood	20,868	5	2	Edy Rd	$ 7,900,000			2028
Sherwood	20,868	5	2	Oregon St	$8,700,000			2027
Sherwood	20,868	5	2	Brookman Rd	$ 16,000,000	1112		2029
Sherwood	20,868	5	2	Ice Age Drive	$ 19,000,000			2027
Sodaville	357	1	4	Street grading	$ 47,000	125		2024
Springfield	63,078	5	4	OR225 Roundabouts	$ 2,500,000		3	
Springfield	63,078	5	4	Frankl Blvd Roundabouts	$ 7,000,000			
Springfield	63,078	5	4	Franklin Blvd	$ 35,000,000		3	
Springfield	63,078	5	4	OR126/52 St	$ 40,000,000		3	
Springfield	63,078	5	4	OR225 East	$ 47,000,000		3	
St. Helens	15,009	5	1	Wyeth crossing	$ 4,000,000			2026
St. Helens	15,009	5	1	Gable Rd Rail safety	$ 5,000,000			2027
St. Helens	15,009	5	1	Pittsburg intersection	$ 5,000,000			2026
St. Helens	15,009	5	1	Hwy 30 Corridor	$ 14,000,000			2030
St. Helens	15,009	5	1	Hwy 30 &Gable Rd	$ 50,000,000			2040
The Dalles	16,417	5	8	E 19th St Ext'n	$ 1,200,000	1667	3	2030
The Dalles	16,417	5	8	7th St SRTS	$ 2,500,000	1668	3	2027
The Dalles	16,417	5	8	Hwy 197/Fremont	$ 3,000,000	1667	3	2028
The Dalles	16,417	5	8	W 6th St Widen	$ 5,000,000	1668	3	2027
The Dalles	16,417	5	8	6th St Bridge	$ 7,000,000	1,668	3	2026
Tigard	55,868	5	2	SRTS Templeton/Twality Improvements	$1,870,000			2025
Tigard	55,868	5	2	SRTS Locust Street Sidewalks	$ 2,286,000			2025
Tigard	55,868	5	2	Streetlight Replacement Program	$ 3,700,000			2027
Tigard	55,868	5	2	Murdock Street Sidewalk and Stormwater Improvements	$ 4,109,000			2025
Tigard	55,868	5	2	Tigard Street Bridge Replacement	$ 12,145,000			2026
Tigard	55,868	5	2	North Dakota Street Bridge	$ 18,756,000			2029
Toledo	3,622	4	5	Business HWY 20 Repairs/Repave	$ 250,000			2024
Troutdale	17,005	5	2	Signal at Buxton CRH	$ 300,000			2030
Troutdale	17,005	5	2	NW Dunbar Ave. Improvements	$ 500,000			2025
Troutdale	17,005	5	2	Improve NW 257th Way	$ 1,800,000			2026
Troutdale	17,005	5	2	High and medium priority ADA ramp upgrades (public ROW)	$ 3,000,000			2042
Umatilla	7,810	4	11	US 730/Willamette Intersection	$ 107,000	750		2030
Umatilla	7,810	4	11	US 730/Columbia	$ 648,000	750		2030
Umatilla	7,810	4	11	US 730/ River Road Intersection	$ 870,000			2033
Umatilla	7,810	4	11	US 730/Powerline Roundabout	$ 10,000,000	1,500		2029
Vale	1,947	3	12	F Street resurface	$ 250,000		2	2024
Vale	1,947	3	12	Ash Street Paving	$ 350,000		2	2026
Vale	1,947	3	12	Pave all gravel streets	$ 4,000,000	100	1	2035

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Veneta	5,261	4	4	Jeans Road Intersection	$ 11,000,000	4,000	1	
West Linn	27,360	5	2	HWY 43 Marylhurst	$ 1,999,999			
West Linn	27360	5	2	Road Program	$ 2,999,999			
West Linn	27,360	5	2	WFD Improvements (Athey Creek Partnership)	$ 3,867,645			
West Linn	27,360	5	2	9th Street and Salamo	$ 4,891,804			
Weston	696	2	11	Sidewalks and crosswalks	$ 100,000	500	1	2025
Wilsonville	27,634	5	2	French Prairie Bike, Pedestrian, Emergency Access Bridge	$ 100,000,000			2030
Wilsonville	27,634	5	2	I-5 Boone Bridge Replacement	$ 550,000,000			2030
Woodburn	27,044	5	3	Safety improvements at HWy 99e and 219- under ODOTs jurisdiction	$ 20,000,000			

Non-Highway Projects

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Albany	57,997	5	4	Lochner Rd Bridge Replacement	$ 7,800,000			
Ashland	21,457	5	7	see above.				
Astoria	10,167	4	1	8th & Niagara Ave. Reconfiguration Project	$ 500,000	0		
Astoria	10,167	4	1	Biennial Paving Project	$ 500,000	0		
Astoria	10,167	4	1	Denver & Alameda Streets Sidewalk Project	$ 1,000,000	0		
Astoria	10,167	4	1	Bridge at Irving Ave. & 33rd St.	$ 14,193,000	0		
Baker City	10,102	4	12	Reconstruct "Poor" & "Very Poor" rated streets (141,366 sq. yd.)	$ 15,654,827			
Baker City	10,102	4	12	Construct all gravel streets	$ 26,505,600			
Bandon	3,866	4	6	Trolley ADA Retrofit	$ 15,000			
Bandon	3,866	4	6	Street Paving	$ 2,000,000			
Bandon	3,866	4	6	Ferry Creek Bridge Replace	$ 3,024,276			
Bandon	3,866	4	6	Storm Drain: 11th & Gross Creek, Beach Loop & Seacrest, Beach Loop & Beach Access, Elmira & 2nd to 1st Street	$ 4,000,000			
Bay City	1,646	3	1	City streets improvements	$ 250,000		3	
Bay City	1,646	3	1	7th & 8th St	$ 1,800,000	7	2	2025
Bay City	1,646	3	1	Improving substandard streets	$ 2,500,000	250	1	
Bay City	1,646	3	1	Patterson Creek Project	$ 7,000,000	400	1	2026
Bay City	1,646	3	1	Rail-to-trails system				
Beaverton	101,165	5	2	Hocken Rail Road Crossing	$ 1,600,000		2	2027
Beaverton	101,165	5	2	McKernan Creek Crossing	$ 11,000,000	5,000	1	2030
Beaverton	101,165	5	2	Millikan Way Extension	$ 40,000,000		2	2035
Beaverton	101,165	5	2	The Loop	$ 140,000,000		2	2035
Bend	106,275	5	9	Butler Market Corridor	$ 12,000,000		2	2026
Bend	106,275	5	9	Aune Avenue Corridor	$ 15,000,000		3	
Bend	106,275	5	9	Bear Creek and 27th Corridor	$ 15,000,000		2	2026
Bend	106,275	5	9	Hawthorne Ave Overdressing	$ 30,000,000		2	2027
Bend	106,275	5	9	Reed Market Corridor	$ 33,000,000		2	2028
Bonanza	401	1	10	Pave unimproved streets	$ 280,000	20	1	2026
Canby	19,045	5	2	S Ivy Street (12th to Goods Bridge)	$ 500,000		2	2027
Canby	19,045	5	2	NE 12th Avenue (Ivy to cul-de-sac)	$ 700,000		2	2028
Canby	19,045	5	2	N Maple Street (14th to 22nd)	$ 2,000,000		2	2027
Canby	19,045	5	2	N 10th Avenue (Locust to Pine)	$ 2,500,000		2	2026
Carlton	2,425	3	3	See above				
Central Point	19,666	5	7	Beebe/Hamrick Signal	$ 1,100,000	175	1	2028
Central Point	19,666	5	7	Scenic/Upton Roundabout	$ 1,200,000	150	1	2027
Central Point	19,666	5	7	Pine/Gebhard Signal	$ 1,500,000	100	1	2029
Clatskanie	1,767	3	1	Lift Station upgrades	$ 3,000,000	617	2	2028

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Clatskanie	1,767	3	1	New Sewer Plant	$ 24,000,000	617	2	2027
Coburg	1,475	3	4	Industrial Wy - partial street reconstruction	$ 300,000	0	2	2025
Coburg	1,475	3	4	Local Street reconstruct	$ 500,000	30	2	2028
Coburg	1,475	3	4	Collector St	$ 525,000	25	2	17-Jul-05
Coburg	1,475	3	4	Local street reconstruction	$ 800,000	24	2	2024
Coos Bay	16,533	5	6	Lockhart	$ 2,000,000		3	
Coos Bay	16,533	5	6	Koos Bay Blvd	$ 3,000,000		3	
Corvallis	61,669	5	4	Bridge seismic retrofits	$ 3,000,000			
Corvallis	61,669	5	4	Witham Hill Reconstruction	$ 9,400,000			
Corvallis	61,669	5	4	West Hills Rd modernization	$ 10,000,000			
Cottage Grove	11,095	5	4	4th Street Extension	$ 1,000,000	500	1.00	2025
Creswell	5,823	4	4	F St extension	$ 1,135,000	8,000	1	
Creswell	5,823	4	4	D St. modernization	$ 1,465,000	8,000	1	
Creswell	5,823	4	4	S 2nd street modernization	$ 2,410,000	8,000	1	2025
Creswell	5,823	4	4	S 10th street modernization	$ 2,620,000	8,000	1	2029
Creswell	5,823	4	4	New roadway extension Mazama Dr.	$ 6,950,000	8,000	1	
Dallas	17,989	5	3	ADA Ramp Program	$ 1,760,000		3	2029
Dallas	17,989	5	3	Fir Villa/Ellendale Intersection Project	$ 2,250,000		3	2028
Dallas	17,989	5	3	Levins/Ellendale Intersection Project	$ 3,000,000		3	2028
Dallas	17,989	5	3	Street Rehab Program	$ 4,090,000		3	2029
Dallas	17,989	5	3	Godsey Road Project	$ 10,000,000		3	2028
Drain	1,195	2	7	Applegate Repaving	$ 300,000			2024
Echo	638	2	11	Pedestrian RR Crossing	$ 6,000,000	250	1	2028
Estacada	5,750	4	2	E. River Mill upgrade	$ 260,000	1169	3	2030
Estacada	5,750	4	2	211/224 River Mill Intersection	$ 650,000	1169	3	2030
Estacada	5,750	4	2	Currin Creek Rd Ext.	$ 650,000			2030
Estacada	5,750	4	2	NW Wade & Eagle Creek upgrade	$ 650,000			2040
Estacada	5,750	4	2	Eagle Creek/River Mill Roundabout	$ 2,000,000	288	3	2027
Estacada	5,750	4	2	NE Hill Way Ext.	$ 2,600,000	1169	3	2025
Eugene	177,339	5	4	Coburg Road Viaduct Load Strengthening	$ 1,800,000		2	2026
Eugene	177,339	5	4	Bailey Hill Rd at Bertelsen Rd Roundabout	$ 2,100,000		2	2024
Eugene	177,339	5	4	Goodpasture Island Road Bridge Seismic Retrofit	$ 2,900,000		2	2024
Eugene	177,339	5	4	Projects Supporting the Transportation System Plan	$ 8,700,000		2	2026
Eugene	177,339	5	4	Pavement Preservation Program	$ 17,000,000		2	2026
Eugene	177,339	5	4	Franklin Boulevard Transformation	$ 40,000,000		2	2028
Falls City	1,066	2	3	Safe Routes to School Project	$ 600,000		2	
Florence	9,832	4	5	Quince Street - Hwy 126 to Hwy 101	$ 1,000,000	100	1	2027
Florence	9,832	4	5	Improvements 9th and Kingwood	$ 1,400,000			2028
Florence	9,832	4	5	Multi-use path - Rhododendron Drive 35th to Heceta Beach Road	$ 2,500,000			2030
Florence	9,832	4	5	Multi-use path - Heceta Beach Road from Rhody to Hwy 101	$ 2,750,000			2033
Florence	9,832	4	5	Rhododendron Drive Realignment	$ 7,000,000	1,000		2025
Fossil	455	1	9	Potholes and Repair	$ 75,000		1	
Fossil	455	1	9	Resurface and Pave Adams	$ 250,000		1	2028

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Fossil	455	1	9	Resurface Chase Street	$ 250,000		1	2027
Grants Pass	40,102	5	7	A Street Reconstruction Project	$ 1,600,000			2026
Grants Pass	40,102	5	7	Foothill and Agness Round-a-bout	$ 3,000,000			2026
Grants Pass	40,102	5	7	Hillcrest Drive Improvements Project	$ 4,000,000			17-Jul
Grants Pass	40,102	5	7	Lincoln Road Improvements Project	$ 9,000,000			2030
Grants Pass	40,102	5	7	Allen Creek Road Improvements Project	$ 12,000,000			2026
Happy Valley	26,799	5	2	172nd AVE North	$ 7,700,000	4700		
Happy Valley	26,799	5	2	Sunnyside Rd East Extension	$ 13,800,000	5100		
Happy Valley	26,799	5	2	Scouters Mt. Rd	$ 16,500,000	1500		
Happy Valley	26,799	5	2	162nd AVE South	$ 30,600,000	15000		
Happy Valley	26,799	5	2	172nd AVE South	$ 39,000,000	4700		
Hermiston	20,322	5	11	Backhoe Loader	$ 30,000			
Hermiston	20,322	5	11	Stormwater Lift Station #2 Reconstruction	$ 50,000			
Hood River	8,577	4	8	General Pavement Management	$ 150,000		2	
Hood River	8,577	4	8	Elevated Sidewalk	$ 3,000,000		2	Jul-05
Hood River	8,577	4	8	ADA Upgrades			2	
Hood River	8,577	4	8	Curb & Gutter Upgrades			2	
Hubbard	3,491	4	3	D Street Overlay/Reconstruct (btwn 99E & west city limits				
Independence	10,274	4	3	E St Extension	$ 2,700,000	1000	3	2030
Independence	10,274	4	3	Gun Club Rd Bridge	$ 2,700,000	1000	33	2030
Independence	10,274	4	3	I St-Madrona Extension	$ 3,400,000	1000	3	2033
Independence	10,274	4	3	13th Street Extension	$ 4,000,000	1000	3	2031
Independence	10,274	4	3	Chestnut Bridge	$ 4,500,000	1000	3	2029
Independence	10,274	4	3	Mt Fir Extension	$ 11,000,000	1000	3	2032
Irrigon	2,133	3	11	Pave SE Greenwood and SE Fourth Streets	$ 280,000	30	2	2030
Irrigon	2,133	3	11	Repair SE Utah Ave (Division and S First)	$ 320,000	40	2	2028
Irrigon	2,133	3	11	Pave SE California Ave.	$ 890,000	15	2	2034
Irrigon	2,133	3	11	Repair NE Main Ave.	$ 1,900,000	100	2	2038
Irrigon	2,133	3	11	Pave SE Thomas Ave., SE 13th and SE 10th Streets	$ 2,500,000	40	2	2040
Klamath Falls	22,966	5	10	Quiet Zone	$ 200,000			2024
Klamath Falls	22,966	5	10	ARTS	$ 715,000			2026
Klamath Falls	22,966	5	10	Main/E. Main	$ 1,300,000			2025
Klamath Falls	22,966	5	10	6th Street Viaduct	$ 7,000,000			2027
La Grande	12,823	5	11	2nd Street (K to H)	$ 500,000		1	2025
La Grande	12,823	5	11	2nd Street (H to C)	$ 1,000,000		1	2027
La Grande	12,823	5	11	18th Street Bridge	$ 1,100,000		1	2025
La Grande	12,823	5	11	Jefferson Street Reconstruction	$ 2,500,000		1	
La Grande	12,823	5	11	2nd St. Viaduct	$ 5,000,000		1	
Lake Oswego	41,396	5	2	Firwood Road Upgrade	$ 575,000		2	2028
Lake Oswego	41,396	5	2	Blue Heron Road Rehabilitation & Drainage	$ 1,500,000		2	2027
Lake Oswego	41,396	5	2	ADA Sidewalk Ramp Retrofit	$ 3,750,000		2	2029
Lake Oswego	41,396	5	2	Pavement Rehabilitation	$ 5,000,000		2	
Lake Oswego	41,396	5	2	Pedestrian Pathways	$ 7,500,000		2	2029

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Lake Oswego	41,396	5	2	Bridge Springbrook Creek at Summit Dr	$ 11,500,000		2	
Lebanon	20,329	5	4	Seventh Street Reconstruction	$ 3,000,000			
Lebanon	20,329	5	4	Walker Road Reconstruction	$ 5,000,000			
Lebanon	20,329	5	4	Fifth Street Reconstruction	$ 6,000,000			
Lebanon	20,329	5	4	Twelfth Street Extension	$ 12,000,000			
Lebanon	20,329	5	4	Crowfoot Road Improvements	$ 15,000,000			
Lincoln City	10,372	4	5	SE Neptune	$ 1,000,000			2027
Lincoln City	10,372	4	5	SW 9th to SW 19th	$ 1,500,000			2040
Lincoln City	10,372	4	5	NE 14th to SE Mast	$ 2,000,000			2032
Lincoln City	10,372	4	5	Regatta Park to NE 22nd	$ 2,000,000			2028
Lincoln City	10,372	4	5	SW 24th to Sw 35th	$ 2,000,000			2036
Lincoln City	10,372	4	5	SW Canyon Dr.	$ 5,000,000			2042
Madras	8,099	4	9	Bi-Mart to Hall Road	$ 400,000			2026
Madras	8,099	4	9	Upgrade Gravel Roads to City Standards to Pavement	$ 42,000,000			
Madras	8,099	4	9	Sidewalk and ADA curb ramp upgrades	$ 50,000,000			
McMinnville	34,612	5	3	Michelbook & Baker Intersection Improvements	$ 600,000		3	2026
McMinnville	34,612	5	3	Alpine Ave Improvements	$ 2,500,000	350	1	
McMinnville	34,612	5	3	Highway 18 Frontage Road Improvements Plan			3	
Milwaukie	21,341	5	2	Sparrow Brownfield Development	$ 350,000	25	1	2028
Molalla	10,335	4	3	Fill in gaps on both sides of the roadway from the north city limits to Heintz Street with sidewalks of appropriate width. (West Side 590 LF, East Side 970 LF)	$ 661,862			2026
Molalla	10,335	4	3	Fill in gaps on both sides of the roadway from the north city limits to Heintz Street with sidewalks of appropriate width. (West Side 590 LF, East Side 970 LF)	$ 661,862			2026
Molalla	10,335	4	3	Install bike lanes on both sides of the roadway from the west city limits to OR 213. (North Side 1,960 LF, South Side 1,960 LF)	$ 1,112,200			2026
Molalla	10,335	4	3	Install bike lanes on both sides of the roadway from OR 213 to Zimmerman Lane. (North Side 2,260 LF, South Side 2,260 LF)	$ 1,269,137			2026
Molalla	10,335	4	3	Fill in gaps on both sides of the roadway from 5th Street to the south city limits with sidewalks of appropriate width. (West Side 785 LF, East Side 780 LF)	$ 1,303,253			2026
Molalla	10,335	4	3	Fill in gaps on both sides of the roadway from OR 213 to Molalla Avenue with sidewalks of appropriate width. (North Side 5,160 LF, South Side 1,660)	$ 2,231,757			2026
Monmouth	11,019	5	3	Transportation System Plan Update	$ 250,000			2026
Monmouth	11,019	5	3	Craven Street Bridge	$ 1,200,000			2027
Monmouth	11,019	5	3	Gwinn Street Extension	$ 1,300,000			2026
Monmouth	11,019	5	3	Riddell Road Bridge/Utility Extension	$ 2,070,000			Jul-05
Nehalem	290	1	1	8th Street	$ 250,000			
Newport	11,083	5	5	NW 55th Street Pavement and Bike Lane Project	$ 450,000			2025
Newport	11,083	5	5	NE 35th Street Sidewalk	$ 1,420,000	100	1	2026
Newport	11,083	5	5	SRTS NE Harney to US 20 Sidewalk Improvements	$ 2,130,000			2025
Newport	11,083	5	5	NE Harney/36th St to US 101 Sidewalk Gaps	$ 3,000,000	290	1	
Newport	11,083	5	5	NE 6th - Newport Heights	$ 5,200,000	360		
Newport	11,083	5	5	SE Harborton Collector Extension	$ 5,500,000	450	1	

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
North Bend	10,769	4	6	Crowell Ln/Union Ave	$ 280,000		1	2025
North Bend	10,769	4	6	Pine St.	$ 330,000	32	1	2025
North Bend	10,769	4	6	12th St./Sheridan Ave	$ 345,000		1	2027
North Bend	10,769	4	6	16th St.	$ 370,000		1	2026
North Bend	10,769	4	6	Pony Slough Rd	$ 467,000		1	2024
North Bend	10,769	4	6	10 Yr Priority Repairs	$ 3,800,000		1	2034
North Plains	3,663	4	2	JM Park perimeter	$ 567,000			2024
North Plains	3,663	4	2	Comml Infill Sdwlks	$ 576,000			16-Jul-05
North Plains	3,663	4	2	Pacific Street	$ 3,000,000			2025
Pendleton	17,006	5	11	Reconstruction	$ 250,000		2	
Pendleton	17,006	5	11	Crack/Slurry Seal	$ 300,000		2	
Pendleton	17,006	5	11	Overlay	$ 900,000		2	
Pendleton	17,006	5	11	New construction				
Portland	648,097	5	2	122nd Ave			2	
Portland	648,097	5	2	Beaverton Hillsdale Highway			2	
Portland	648,097	5	2	Columbia Blvd			2	
Portland	648,097	5	2	MLK Blvd			2	
Portland	648,097	5	2	Outer Stark			2	
Prairie City	861	2	12	Kilbourne Ave Rebuild	$ 225,000	460		2034
Prairie City	861	2	12	McCallum Ave Rebuild	$ 250,000	460		2034
Prairie City	861	2	12	North Washington St Rebuild	$ 300,000	460		2034
Prairie City	861	2	12	Overholt Ave Sidewalk Project	$ 600,000	460		2034
Prairie City	861	2	12	Bridge St Curb/Sidewalk Overlay	$ 1,000,000	460		2034
Redmond	38,208	5	9	19th/Maple Traffic Signal	$ 2,000,000	5,000	3	2027
Redmond	38,208	5	9	27th/Maple Roundabout	$ 4,000,000	5,000	3	2029
Redmond	38,208	5	9	Yew Ave Roundabout	$ 4,000,000	10,000	3	2029
Redmond	38,208	5	9	27th Street Extension	$ 5,000,000	1,000	3	2030
Redmond	38,208	5	9	Eastside Arterial	$ 27,000,000	1,000	3	2027
Scappoose	8,254	4	1	Old Portland Rd. Pavement R&R	$ 750,000			
Scappoose	8,254	4	1	SE 3rd Pl. Sidewalk	$ 850,000			
Scappoose	8,254	4	1	SE Vine St, Sidewalk	$ 850,000			
Scappoose	8,254	4	1	JP West Rd. Sidewalk	$ 1,000,000			
Scappoose	8,254	4	1	NW 1st R&R	$ 1,500,000			
Scio	949	2	4	Identify Transportation Projects is something the City of Scio will be working on in Fiscal year 2024-2025				
Seaside	7,393	4	1	Professional Pavement Preservation	$ 30,000		2	2024
Seaside	7,393	4	1	Ave S improvements				2026
Seaside	7,393	4	1	S Holladay St Improvements				2027
Sheridan	5,987	4	3	City parking downtown	$ 250,000			2026
Sheridan	5,987	4	3	SRTS Plan	$ 250,000			2025
Sheridan	5,987	4	3	Adding sidewalks around schools	$ 300,000			2026
Sheridan	5,987	4	3	Dewey/Grant St neighbor- hood	$ 500,000	45	2	2025
Sheridan	5,987	4	3	Sheridan Road	$ 9,500,000	65	3	2025.5
Sheridan	5,987	4	3	Yamhill Street	$ 10,000,000		3	2028

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Sherwood	20,868	5	2	Sunset/Timbriel	$ 375,000			2026
Sherwood	20,868	5	2	Transportation Plan Update	$ 460,000			2026
Sherwood	20,868	5	2	Washington Street Sidewalk	$ 460,000			2026
Sherwood	20,868	5	2	Traffic Calming-ongoing	$ 568,000			2029
Sherwood	20,868	5	2	Cedar Creek Trail-Alexander	$ 1,300,000			2025
Sherwood	20,868	5	2	Pederstrian Bridge	$ 28,000,000			2026
Springfield	63,078	5	4	Daisy St Corssing	$ 2,400,000		3	
Springfield	63,078	5	4	48th to Daisy St	$ 3,200,000		3	
Springfield	63,078	5	4	42nd St	$ 6,000,000		3	
Springfield	63,078	5	4	Centennial Blvd	$ 9,500,000		3	
Springfield	63,078	5	4	Gateway/Beltline Phase 2	$ 12,000,000		3	
St. Helens	15,009	5	1	Sidewalk Sykes Rd	$ 800,000		3	2026
St. Helens	15,009	5	1	Sidewalk segments Gable to Kaster	$ 1,200,000	300	1	2026
St. Helens	15,009	5	1	Riverfront street extension	$ 3,700,000		3	2026
St. Helens	15,009	5	1	Kaster Rd roundabout	$ 4,000,000			2026
St. Helens	15,009	5	1	Old Portland Rd roundabout	$ 4,000,000			2026
The Dalles	16,417	5	8	Scenic Dr Stab'n	$ 1,800,000	0		2028
The Dalles	16,417	5	8	Riverfront Trail	$ 4,000,000	0		2030
The Dalles	16,417	5	8	ADA Transition	$ 6,800,000	3337	3	2055
Tigard	55,868	5	2	Steve Street park and Trail	$ 2,013,000			2026
Tigard	55,868	5	2	Bagan Park	$ 2,102,000			2026
Tigard	55,868	5	2	Nick Wilson Memorial Plaza	$ 2,847,000			2027
Tigard	55,868	5	2	Fanno Creek Trail Connections	$ 12,842,000			2025
Tillamook	5,277	4	1	Pave 7th Street Between Miller and Park	$ 35,000		2	
Tillamook	5,277	4	1	Pave Grove Ave	$ 50,000		2	
Tillamook	5,277	4	1	Replace Douglas Ave from 1st to 3rd	$ 80,000		2	
Tillamook	5,277	4	1	Replace Park Ave from 5th to 8th	$ 100,000		2	
Tillamook	5,277	4	1	Re-Pave 4th Street	$ 150,000		2	
Toledo	3,622	4	5	RR Crossing A-Street	$ 75,000			2025
Toledo	3,622	4	5	RR Crossing East Slope/Butler Bridge Rd	$ 75,000			2025
Toledo	3,622	4	5	Butler Bridge Rd facelift	$ 150,000			2024
Toledo	3,622	4	5	BlackBerry Apartments	$ 350,000	8	1	2025
Toledo	3,622	4	5	Olalla Meadow Apartments	$ 640,000	30	1	2026
Troutdale	17,005	5	2	Columbia Gorge bike hub	$ 100,000			2026
Troutdale	17,005	5	2	2nd St. Pedestrian bridge	$ 3,000,000			2030
Umatilla	7,810	4	11	Powerline/Madison improvement	$ 128,000	100	1	2025
Veneta	5,261	4	4	E. Hunter Sidewalk and Stormwater Upgrade	$ 2,800,000	4,000	1	
West Linn	27,360	5	2	ADA Improvements	$ 199,999			
West Linn	27,360	5	2	Marylhurst Sidewalk	$ 249,999			
West Linn	27,360	5	2	Cedaroak Sidewalk (SRTS)	$ 1,199,999			
Weston	696	2	11	Walkways for students	$ 500,000	500	1	2030
Wheeler	428	1	1	Railroad Crossings	$ 110,000			
Wheeler	428	1	1	US 101 Placemaking	$ 300,000			

CITY	Pop.	QCODE	REGION	Project	Estimated Total Project Cost	Number of units and type of housing supported	Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)	Estimated Date of Completion
Wheeler	428	1	1	Enhance Highway 101 Crossings	$ 340,000			
Wheeler	428	1	1	Sidewalk Improvements	$ 370,000			
Wheeler	428	1	1	US 101 Gateway Intersection	$ 1,500,000			
Wheeler	428	1	1	Salmonberry Trail	$ 6,000,000			
Wilsonville	27634	5	2	60th Avenue Urban Upgrades	$ 6,900,000	642	1	2030
Wilsonville	27634	5	2	Town Center Emerald Chain	$ 7,900,000	4300	1	2030
Wilsonville	27634	5	2	Town Center Main Street Extension	$ 8,700,000	4179	1	2030
Wilsonville	27,634	5	2	Advance Road Urban Upgrades	$ 11,000,000	800	1	2028
Wilsonville	27,634	5	2	Stafford Road Urban Upgrade	$ 12,400,000	1150	1	2027
Wilsonville	27,634	5	2	I-5 Pedestrian Bridge	$ 28,000,000	4300	1	2027

Note: Listed below are the tables not otherwise presented in the body of the report or in any Appendices.

Water Quality: Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	4	8.7%	3	7.0%	3	9.7%
2nd Quintile	7	15.2%	5	11.6%	3	9.7%
3rd Quintile	10	21.7%	10	23.3%	5	16.1%
4th Quintile	8	17.4%	10	23.3%	12	38.7%
5th Quintile	17	37.0%	15	34.9%	8	25.8%
TOTAL	46	38.3%	43	35.8%	31	25.8%
Region	**Yes**		**No**		**Unsure**	
N. Coast	6	13.0%	7	16.3%	0	0.0%
Metro	5	10.9%	6	14.0%	4	12.9%
N. Willamette	5	10.9%	5	11.6%	8	25.8%
S. Willamette	5	10.9%	4	9.3%	6	19.4%
C. Coast	2	4.3%	2	4.7%	0	0.0%
S. Coast	2	4.3%	0	0.0%	2	6.5%
S. Oregon	1	2.2%	2	4.7%	1	3.2%
Gorge	0	0.0%	3	7.0%	3	9.7%
C. Oregon	3	6.5%	4	9.3%	2	6.5%
SC Oregon	1	2.2%	2	4.7%	1	3.2%
NE Oregon	14	30.4%	7	16.3%	2	6.5%
E. Oregon	2	4.3%	1	2.3%	2	6.5%
TOTAL	46	38.3%	43	35.8%	31	25.8%

Water Quality: Average Estimated Date of Completion	
	#
Quintile	
1st Quintile	2028
2nd Quintile	2031
3rd Quintile	2029
4th Quintile	2028
5th Quintile	2028
TOTAL	2028
Region	
N. Coast	2027
Metro	2028
N. Willamette	2030
S. Willamette	2028
C. Coast	2028
S. Coast	2026
S. Oregon	2028
Gorge	2030
C. Oregon	2026
SC Oregon	2027
NE Oregon	2029
E. Oregon	2034
TOTAL	2028

Water Storage: Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	8	15.1%	0	0.0%	0	0.0%
2nd Quintile	5	9.4%	4	13.8%	0	0.0%
3rd Quintile	8	15.1%	8	27.6%	3	7.9%
4th Quintile	4	7.5%	9	31.0%	16	42.1%
5th Quintile	28	52.8%	8	27.6%	19	50.0%
TOTAL	53	44.2%	29	24.2%	38	31.7%
Region	**Yes**		**No**		**Unsure**	

N. Coast	3	4.5%	10	26.3%	2	5.3%
Metro	13	19.7%	5	13.2%	5	13.2%
N. Willamette	3	4.5%	6	15.8%	9	23.7%
S. Willamette	7	10.6%	4	10.5%	8	21.1%
C. Coast	2	3.0%	3	7.9%	0	0.0%
S. Coast	0	0.0%	0	0.0%	0	0.0%
S. Oregon	2	3.0%	3	7.9%	3	7.9%
Gorge	2	3.0%	2	5.3%	3	7.9%
C. Oregon	9	13.6%	0	0.0%	4	10.5%
SC Oregon	0	0.0%	0	0.0%	0	0.0%
NE Oregon	19	28.8%	5	13.2%	2	5.3%
E. Oregon	6	9.1%	0	0.0%	2	5.3%
TOTAL	66	46.5%	38	26.8%	38	26.8%

N. Willamette	2028
S. Willamette	2028
C. Coast	2029
S. Coast	2030
S. Oregon	2028
Gorge	2031
C. Oregon	2029
SC Oregon	2028
NE Oregon	2029
E. Oregon	2036
TOTAL	2029

Water Storage: Average Estimated Date of Completion	
	#
Quintile	
1st Quintile	2026
2nd Quintile	2032
3rd Quintile	2030
4th Quintile	2029
5th Quintile	2029
TOTAL	2029
Region	
N. Coast	2026
Metro	2030

Do you have any water infrastructure costs that are barriers to housing development or are needed for housing development that are not on your CIP?						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	8	13.8%	4	10.5%	1	4.5%
2nd Quintile	10	17.2%	6	15.8%	2	9.1%
3rd Quintile	7	12.1%	7	18.4%	7	31.8%
4th Quintile	13	22.4%	8	21.1%	8	36.4%
5th Quintile	20	34.5%	13	34.2%	4	18.2%
TOTAL	58	49.2%	38	32.2%	22	18.6%
Region	**Yes**		**No**		**Unsure**	
N. Coast	6	10.3%	2	5.3%	3	13.6%
Metro	9	15.5%	5	13.2%	3	13.6%
N. Willamette	8	13.8%	6	15.8%	4	18.2%

S. Willamette	3	5.2%	10	26.3%	3	13.6%
C. Coast	2	3.4%	2	5.3%	2	9.1%
S. Coast	3	5.2%	0	0.0%	2	9.1%
S. Oregon	5	8.6%	2	5.3%	2	9.1%
Gorge	4	6.9%	1	2.6%	0	0.0%
C. Oregon	4	6.9%	4	10.5%	0	0.0%
SC Oregon	1	1.7%	0	0.0%	2	9.1%
NE Oregon	9	15.5%	4	10.5%	1	4.5%
E. Oregon	4	6.9%	2	5.3%	0	0.0%
TOTAL	58	49.2%	38	32.2%	22	18.6%

S. Oregon	$	25,111
Gorge	$	250
C. Oregon	$	26,220
SC Oregon	$	400
NE Oregon	$	11,795
E. Oregon	$	14,200
TOTAL	$	39,494

How much money did your city spend in FY2022-23 for water conservation education?		
	#	
Quintile		
1st Quintile	$	235
2nd Quintile	$	2,200
3rd Quintile	$	6,900
4th Quintile	$	58,523
5th Quintile	$	73,675
TOTAL	$	39,494
Region		
N. Coast	$	6,260
Metro	$	101,209
N. Willamette	$	125,900
S. Willamette	$	10,591
C. Coast	$	17,000
S. Coast	$	1,250

How much did your city spend in FY2022-23 for water conservation as it relates to system efficiency (such as pipeline repair)?		
	#	
Quintile		
1st Quintile	$	23,750
2nd Quintile	$	100,633
3rd Quintile	$	910,554
4th Quintile	$	535,072
5th Quintile	$	987,403
TOTAL	$	617,008
Region		
N. Coast	$	360,091
Metro	$	358,128
N. Willamette	$	995,191
S. Willamette	$	736,786
C. Coast	$	801,888
S. Coast	$	2,033,681
S. Oregon	$	276,442

Gorge	$	1,136,599
C. Oregon	$	520,833
SC Oregon	$	833,333
NE Oregon	$	159,503
E. Oregon	$	342,785
TOTAL	$	617,008

Gorge	5	5.6%	0	0.0%	1	6.3%
C. Oregon	6	6.7%	1	11.1%	0	0.0%
SC Oregon	2	2.2%	0	0.0%	1	6.3%
NE Oregon	9	10.0%	1	11.1%	3	18.8%
E. Oregon	3	3.3%	0	0.0%	2	12.5%
TOTAL	90	78.3%	9	7.8%	16	13.9%

Does your city foresee a future need for a water storage project in the next twenty (20) years?

	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	11	12.2%	0	0.0%	2	12.5%
2nd Quintile	13	14.4%	2	22.2%	2	12.5%
3rd Quintile	13	14.4%	2	22.2%	3	18.8%
4th Quintile	24	26.7%	3	33.3%	2	12.5%
5th Quintile	29	32.2%	2	22.2%	7	43.8%
TOTAL	90	78.3%	9	7.8%	16	13.9%
Region	**Yes**		**No**		**Unsure**	
N. Coast	8	8.9%	2	22.2%	1	6.3%
Metro	10	11.1%	3	33.3%	2	12.5%
N. Willamette	15	16.7%	1	11.1%	3	18.8%
S. Willamette	12	13.3%	1	11.1%	2	12.5%
C. Coast	6	6.7%	0	0.0%	0	0.0%
S. Coast	4	4.4%	0	0.0%	1	6.3%
S. Oregon	10	11.1%	0	0.0%	0	0.0%

Would this be above ground or below ground water storage?

	#	%	#	%	#	%
Quintile	**Above Ground**		**Below Ground**		**Unsure**	
1st Quintile	10	13.7%	0	0.0%	1	10.0%
2nd Quintile	10	13.7%	1	20.0%	2	20.0%
3rd Quintile	11	15.1%	1	20.0%	1	10.0%
4th Quintile	21	28.8%	2	40.0%	1	10.0%
5th Quintile	21	28.8%	1	20.0%	5	50.0%
TOTAL	73	83.0%	5	5.7%	10	11.4%
Region	**Above Ground**		**Below Ground**		**Unsure**	
N. Coast	7	9.6%	1	20.0%	0	0.0%
Metro	5	6.8%	1	20.0%	3	30.0%
N. Willamette	11	15.1%	1	20.0%	2	20.0%
S. Willamette	10	13.7%	1	20.0%	1	10.0%

C. Coast	5	6.8%	0	0.0%	1	10.0%
S. Coast	4	5.5%	0	0.0%	0	0.0%
S. Oregon	7	9.6%	1	20.0%	2	20.0%
Gorge	5	6.8%	0	0.0%	0	0.0%
C. Oregon	5	6.8%	0	0.0%	1	10.0%
SC Oregon	2	2.7%	0	0.0%	0	0.0%
NE Oregon	9	12.3%	0	0.0%	0	0.0%
E. Oregon	3	4.1%	0	0.0%	0	0.0%
TOTAL	73	83.0%	5	5.7%	10	11.4%

S. Oregon	8	8.7%	0	0.0%	2	15.4%
Gorge	5	5.4%	0	0.0%	1	7.7%
C. Oregon	6	6.5%	0	0.0%	1	7.7%
SC Oregon	1	1.1%	0	0.0%	2	15.4%
NE Oregon	11	12.0%	2	18.2%	0	0.0%
E. Oregon	4	4.3%	0	0.0%	1	7.7%
TOTAL	92	79.3%	11	9.5%	13	11.2%

Does your city have a facilities plan?

	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	7	7.6%	3	27.3%	3	23.1%
2nd Quintile	10	10.9%	4	36.4%	3	23.1%
3rd Quintile	15	16.3%	1	9.1%	2	15.4%
4th Quintile	28	30.4%	0	0.0%	1	7.7%
5th Quintile	32	34.8%	3	27.3%	4	30.8%
TOTAL	92	79.3%	11	9.5%	13	11.2%
Region	**Yes**		**No**		**Unsure**	
N. Coast	8	8.7%	2	18.2%	1	7.7%
Metro	11	12.0%	3	27.3%	3	23.1%
N. Willamette	16	17.4%	1	9.1%	1	7.7%
S. Willamette	12	13.0%	3	27.3%	0	0.0%
C. Coast	5	5.4%	0	0.0%	1	7.7%
S. Coast	5	5.4%	0	0.0%	0	0.0%

What year was your city's facilities plan last updated?

	#
Quintile	
1st Quintile	2017
2nd Quintile	2017
3rd Quintile	2016
4th Quintile	2017
5th Quintile	2016
TOTAL	2017
Region	
N. Coast	2016
Metro	2021
N. Willamette	2019
S. Willamette	2015
C. Coast	2014
S. Coast	2010
S. Oregon	2012

Gorge	2022
C. Oregon	2015
SC Oregon	2017
NE Oregon	2018
E. Oregon	2021
TOTAL	2017

C. Oregon	490
SC Oregon	0
NE Oregon	206
E. Oregon	4
TOTAL	143

How many septic systems are within your city's limits?	
	#
Quintile	
1st Quintile	180
2nd Quintile	102
3rd Quintile	132
4th Quintile	28
5th Quintile	265
TOTAL	143
Region	
N. Coast	13
Metro	76
N. Willamette	91
S. Willamette	197
C. Coast	199
S. Coast	44
S. Oregon	11
Gorge	31

How many septic systems are within the Urban Growth Boundary?	
	#
Quintile	
1st Quintile	35
2nd Quintile	114
3rd Quintile	60
4th Quintile	255
5th Quintile	512
TOTAL	229
Region	
N. Coast	52
Metro	954
N. Willamette	117
S. Willamette	206
C. Coast	923
S. Coast	71
S. Oregon	13
Gorge	20

C. Oregon	179
SC Oregon	8
NE Oregon	173
E. Oregon	49
TOTAL	229

E. Oregon	1	7.7%	4	4.0%	0	0.0%
TOTAL	13	11.4%	99	86.8%	2	1.8%

Does your city operate and maintain a levee?						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	0	0.0%	12	12.1%	1	50.0%
2nd Quintile	2	15.4%	15	15.2%	0	0.0%
3rd Quintile	2	15.4%	15	15.2%	1	50.0%
4th Quintile	3	23.1%	26	26.3%	0	0.0%
5th Quintile	6	46.2%	31	31.3%	0	0.0%
TOTAL	13	11.4%	99	86.8%	2	1.8%
Region	**Yes**		**No**		**Unsure**	
N. Coast	1	7.7%	9	9.1%	1	50.0%
Metro	2	15.4%	14	14.1%	0	0.0%
N. Willamette	2	15.4%	16	16.2%	0	0.0%
S. Willamette	2	15.4%	13	13.1%	0	0.0%
C. Coast	0	0.0%	6	6.1%	0	0.0%
S. Coast	2	15.4%	3	3.0%	0	0.0%
S. Oregon	1	7.7%	8	8.1%	0	0.0%
Gorge	0	0.0%	5	5.1%	1	50.0%
C. Oregon	0	0.0%	7	7.1%	0	0.0%
SC Oregon	1	7.7%	2	2.0%	0	0.0%
NE Oregon	1	7.7%	12	12.1%	0	0.0%

How many miles of road does you city maintain? (please provide both center-line and lane miles)- Center-Line Miles	
	#
Quintile	
1st Quintile	5.1
2nd Quintile	8.3
3rd Quintile	13.9
4th Quintile	36.8
5th Quintile	202.0
TOTAL	89.4
Region	
N. Coast	23.7
Metro	209.6
N. Willamette	49.1
S. Willamette	134.4
C. Coast	41.6
S. Coast	47.0
S. Oregon	39.6
Gorge	41.4
C. Oregon	130.3
SC Oregon	59.2
NE Oregon	48.8

E. Oregon	31.1
TOTAL	89.4

TOTAL	182.1

How many miles of road does you city maintain? (please provide both center-line and lane miles) - Lane Miles	
	#
Quintile	
1st Quintile	8.2
2nd Quintile	15.8
3rd Quintile	28.9
4th Quintile	72.2
5th Quintile	401.4
TOTAL	182.1
Region	
N. Coast	49.0
Metro	513.9
N. Willamette	66.6
S. Willamette	202.4
C. Coast	92.4
S. Coast	70.3
S. Oregon	55.1
Gorge	83.8
C. Oregon	289.2
SC Oregon	119.2
NE Oregon	99.6
E. Oregon	61.8

Highway: Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	5	16.7%	0	0.0%	0	0.0%
2nd Quintile	1	3.3%	0	0.0%	1	4.3%
3rd Quintile	1	3.3%	5	25.0%	1	4.3%
4th Quintile	9	30.0%	3	15.0%	6	26.1%
5th Quintile	14	46.7%	12	60.0%	15	65.2%
TOTAL	30	41.1%	20	27.4%	23	31.5%
Region	**Yes**		**No**		**Unsure**	
N. Coast	5	16.7%	3	15.0%	0	0.0%
Metro	3	10.0%	5	25.0%	0	0.0%
N. Willamette	0	0.0%	1	5.0%	7	30.4%
S. Willamette	3	10.0%	2	10.0%	4	17.4%
C. Coast	7	23.3%	0	0.0%	0	0.0%
S. Coast	3	10.0%	0	0.0%	0	0.0%
S. Oregon	0	0.0%	1	5.0%	0	0.0%
Gorge	0	0.0%	2	10.0%	6	26.1%
C. Oregon	3	10.0%	4	20.0%	4	17.4%
SC Oregon	0	0.0%	0	0.0%	0	0.0%
NE Oregon	5	16.7%	0	0.0%	2	8.7%
E. Oregon	1	3.3%	2	10.0%	0	0.0%
TOTAL	30	41.1%	20	27.4%	23	31.5%

Highway: Average Estimated Date of Completion	
	#
Quintile	
1st Quintile	2024
2nd Quintile	2025
3rd Quintile	2030
4th Quintile	2031
5th Quintile	2028
TOTAL	2029
Region	
N. Coast	2029
Metro	2028
N. Willamette	2028
S. Willamette	2025
C. Coast	2032
S. Coast	2026
S. Oregon	2026
Gorge	2030
C. Oregon	2030
SC Oregon	#DIV/0!
NE Oregon	2029
E. Oregon	2028
TOTAL	2029

Non-Highway: Will the housing be affordable? (1=Yes, 2=No, 3=Unsure)						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	
1st Quintile	4	8.7%	0	0.0%	0	0.0%
2nd Quintile	2	4.3%	1	2.1%	0	0.0%
3rd Quintile	2	4.3%	12	25.0%	1	2.9%
4th Quintile	16	34.8%	9	18.8%	11	32.4%
5th Quintile	22	47.8%	26	54.2%	22	64.7%
TOTAL	46	35.9%	48	37.5%	34	26.6%
Region	**Yes**		**No**		**Unsure**	
N. Coast	3	6.5%	9	16.4%	3	8.6%
Metro	8	17.4%	18	32.7%	4	11.4%
N. Willamette	1	2.2%	2	3.6%	14	40.0%
S. Willamette	7	15.2%	10	18.2%	5	14.3%
C. Coast	6	13.0%	0	0.0%	0	0.0%
S. Coast	6	13.0%	0	0.0%	2	5.7%
S. Oregon	3	6.5%	0	0.0%	0	0.0%
Gorge	0	0.0%	4	7.3%	1	2.9%
C. Oregon	3	6.5%	4	7.3%	6	17.1%
SC Oregon	1	2.2%	0	0.0%	0	0.0%
NE Oregon	8	17.4%	8	14.5%	0	0.0%
E. Oregon	0	0.0%	0	0.0%	0	0.0%
TOTAL	46	33.8%	55	40.4%	35	25.7%

Non-Highway: Average Estimated Date of Completion	
	#
Quintile	
1st Quintile	2027
2nd Quintile	2032
3rd Quintile	2029
4th Quintile	2028
5th Quintile	2027
TOTAL	2028
Region	
N. Coast	2026
Metro	2028
N. Willamette	2027
S. Willamette	2026
C. Coast	2029
S. Coast	2027
S. Oregon	2027
Gorge	2035
C. Oregon	2028
SC Oregon	2026
NE Oregon	2030
E. Oregon	2034
TOTAL	2028

Do you have any transportation infrastructure costs that are barriers to housing development or are needed for housing development that are not on your CIP?						
	#	%	#	%	#	%
Quintile	**Yes**		**No**		**Unsure**	

1st Quintile	6	12.2%	3	10.0%	0	0.0%
2nd Quintile	5	10.2%	4	13.3%	5	27.8%
3rd Quintile	4	8.2%	7	23.3%	2	11.1%
4th Quintile	11	22.4%	10	33.3%	6	33.3%
5th Quintile	23	46.9%	6	20.0%	5	27.8%
TOTAL	49	50.5%	30	30.9%	18	18.6%
Region	**Yes**		**No**		**Unsure**	
N. Coast	4	8.2%	6	20.0%	1	5.6%
Metro	9	18.4%	4	13.3%	3	16.7%
N. Willamette	4	8.2%	6	20.0%	4	22.2%
S. Willamette	4	8.2%	7	23.3%	3	16.7%
C. Coast	4	8.2%	1	3.3%	1	5.6%
S. Coast	3	6.1%	0	0.0%	0	0.0%
S. Oregon	3	6.1%	3	10.0%	2	11.1%
Gorge	5	10.2%	0	0.0%	0	0.0%
C. Oregon	3	6.1%	0	0.0%	1	5.6%
SC Oregon	1	2.0%	1	3.3%	1	5.6%
NE Oregon	7	14.3%	1	3.3%	2	11.1%
E. Oregon	2	4.1%	1	3.3%	0	0.0%
TOTAL	49	50.5%	30	30.9%	18	18.6%

Appendix F: Population Quintile and Regional Breakdowns

Quintile Ranges		# Cities	% Cities
1st Quintile	<490	48	19.8%
2nd Quintile	491-1,350	48	19.8%
3rd Quintile	1,351-3,275	48	19.8%
4th Quintile	3,276-10,800	48	19.8%
5th Quintile	>10,800	49	20.2%
Small Cities	<5,000	160	66.1%
Top 5 %	>45,000	12	5.0%

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	
	N. Coast	Metro	N. Willamette	S. Willamette	C. Coast	S. Coast	S. Oregon	Gorge	C. Oregon	SC Oregon	NE Oregon	E. Oregon	TOTALS
1st Quintile	3	1	4	3	0	0	2	9	3	2	8	13	48
2nd Quintile	2	4	5	6	2	2	6	3	1	3	10	4	48
3rd Quintile	8	2	9	5	3	3	5	1	2	1	5	4	48
4th Quintile	5	5	10	6	3	5	6	1	2	0	3	2	48
5th Quintile	1	19	7	6	1	1	5	1	3	1	3	1	49
TOTALS	19	31	35	26	9	11	24	15	11	7	29	24	241
	8%	13%	15%	11%	4%	5%	10%	6%	5%	3%	12%	10%	100%

Appendix G: Map of Small Cities Regions