

2018 REGIONAL TRANSPORTATION PLAN UPDATE

RTP Finance Work Group - Meeting # 6

Thursday, November 10, 2016

1:30 - 3:30 p.m. Time:

Place: Metro Regional Center, Room 401

600 NE Grand Avenue, Portland, OR 97232

Getting there with a connected region



















Agenda items

1:30	Welcome & introductions	Ted Leybold
1:35	Partner Updates	Everyone
	Who have you talked to about this work? What have you heard?	
	Impacts from the General Election?	
1:50	Development of Local Revenues Update	Ken Lobeck
	 How the revenue methodology is developed for the templates 	
	 85% picture now complete among the three counties – Editing 	
	and required updates continue	
	 Summary of the local revenue programs across the three counties 	
	 Represents a Existing Conditions – No Growth (ECNG) scenario 	
2:10	Development of State Revenues Update	Ken Lobeck
	 Correctly interpreting the tables 	
	 Working with ODOT to determine appropriate regional allocations 	
	 How Measures 96-99 may (or may not) impact the State revenue 	
	forecast	
2:25	Development of Federal Revenues Update	Ken Lobeck
	 Updates to the ECNG, Constrained and Moderate Scenarios 	
	 Remember the transit revenue picture! 	
2:40	Operations and Maintenance Update	Ken Lobeck
	 The shortfall and how to tell the story 	Ted Leybold
	 O&M versus Capital local revenue ratio 	
2:55	RTP Process Updates	Kim Ellis
	 Projects, next Leadership forum, adjustments, etc. 	Ted Leybold
	 How should we tell the revenue story? - The good, the bad, and 	Ken Lobeck
	the ugly	
3:20	Summary and Next Steps	Ted Leybold
		Ken Lobeck
3:30	Adjourn	

Meeting packet:

Planned Handouts	Upcoming Meetings
o Agenda & Slides	
 Draft Revenue Forecast Summaries (progress to date) 	January: Thursday, Jan 12, 2017, 9-11:00 am,
o O&M Update Summary	Room 401
o Local Revenue Programs Summary	

RTP Finance Work Group leader:

Ken Lobeck, Funding Programs Lead, Metro

Tel: 503-797-1785, Email: ken.lobeck@oregonmetro.gov

Directions, travel options and parking information

Covered bike racks are located on the north plaza and inside the Irving Street visitor garage. Metro Regional Center is on TriMet bus line 6 and the streetcar, and just a few blocks from the Rose Quarter Transit Center, two MAX stations and several other bus lines. Visit our website for more information:

www.oregonmetro.gov/metro-regional-center



2018 REGIONAL TRANSPORTATION PLAN UPDATE

Finance Plan & Revenue Forecasts

RTP Finance Work Group Meeting #6 November 10, 2016

Ken Lobeck, RTP Finance Plan Manager 503-797-1785 | ken.lobeck@oregonmetro.gov



Agenda

- Welcome, intros, and administrative items
- Partner updates
- Local revenue templates development update
- State revenues update
- Federal revenues update
- Operations and Maintenance update
- RTP process updates
- Summary and next steps
 - Next proposed Meeting January 12, 2017
- Adjourn

Partner Updates

- Discussion areas related to transportation funding or other areas?
- Policy updates to share?
- Issues or concerns about transportation emerging in your agency?
- How did the election results impact your agency?

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Local Revenue Forecast Progress

Computation Methodology

- TSPs, CIPS, CAFRs/Audits, budget documents, and staff inputs utilized to determine annual revenue amounts
- Identified a 20 year total, annual amount, or historical average to use to develop the 2018 base year amount
- Determine if annual growth or multipliers would be included
- Project out revenues, division years and segment years out to 2040

Local Revenue Forecast

Computation Methodologies – with Growth

			nn Local Reven	-			
		Roadway Ma	intenance Fees	wit	h multiplier		
Year Amount		Amount Inflationary Growth			RTP Segment Years Total		RTP Divisions
2014	\$	1,319,000					
2015	\$	1,391,677	5.51%				
2016	\$	1,468,358	5.51%				
2017	\$	1,549,265	5.51%	5	3,017,623		
2018	\$	1,634,629	5.51%		2018-20		2018
2019	\$	1,724,697	5.51%				to
2020	\$	1,819,728	5.51%	\$	5,179,055		2027
2021	\$	1,919,995	5.51%		2021-25		Ÿ
2022	S	2,025,787	5.51%				
2023	\$	2,137,408	5.51%			a	
2024	\$	2,255,179	5.51%				
2025	\$	2,379,439	5.51%	\$	10,717,809		
2026	\$	2,510,547	5.51%		2026-30		
2027	5	2,648,878	5.51%			\$	21,056,288
2028	5	2,794,831	5.51%				2028
2029	\$	2,948,826	5.51%				to
2030	S	3,111,306	5.51%	\$	14,014,387		2040
2031	\$	3,282,739	5.51%		2031-35	i i	
2032	\$	3,463,618	5.51%				
2033	\$	3,654,464	5,51%				
2034	\$	3,855,824	5.51%				
2035	\$	4,068,280	5,51%	\$	18,324,926		
2036	\$	4,292,443	5.51%	8	2036-40		
2037	5	4,528,956	5,51%				
2038	\$	4,778,502	5.51%				
2039	\$	5,041,797	5.51%				V
2040	\$	5,355,502	6.22%	\$	23,997,200	\$	51,177,089
Total:	\$	75,251,000		5	72,233,377	\$	72,233,377
ot 2016-40:	\$	75,251,000					
ot: 2018-40:	\$	72,233,377					

Example of Multiplier Used:

- TSP included statement of annual growth present
- 2014-15 historical year amounts
- Total estimate out at 2040 of \$75.2 million
- From there, estimate annual growth percent could be added
- This approach requires:
 - Knowing the starting year amount
- Or have at least a 3-year historic average...
- ...And a final total
- Plus horizon year range (e.g. 20 years, 22 years, etc.)

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Local Revenue Forecast

Computation Methodologies - No Growth

		West Lir	n Local Reven	ues T	otals		
	Syst	em Developm	nent Charges (SDCs)	No Multiplie		
Year		Amount	Annual Inflationary Growth		P Segment ears Total		RTP Divisions
2014	3	345,000					
2015	\$						
2016	5	182,080	#DIV/0!				
2017	\$	182,080	0.00%		a maria		
2018	\$	182,080	0.00%		2018-20		2018
2019	\$	182,080	0.00%				to
2020	\$	182,080	0.00%	\$	546,240		2027
2021	\$	182,080	0.00%		2021-25		- 11
2022	\$	182,080	0.00%				
2023	\$	182,080	0.00%				
2024	\$	182,080	0.00%				
2025	\$	182,080	0.00%	\$	910,400		
2026	5	182,080	0.00%		2026-30		V
2027	\$	182,080	0.00%			\$	1,820,800
2028	\$	182,080	0.00%				2028
2029	\$	182,080	0.00%				to
2030	\$	182,080	0.00%	\$	910,400		2040
2031	\$	182,080	0.00%		2031-35		T.
2032	\$	182,080	0.00%				
2033	\$	182,080	0.00%				
2034	\$	182,080	0.00%				
2035	\$	182,080	0.00%	5	910,400		
2036	\$	182,080	0.00%	5	2036-40		
2037	\$	182,080	0.00%				
2038	\$	182,080	0.00%				
2039	\$	182,080	0.00%				V
2040	\$	182,080	0.00%	\$	910,400	\$	2,367,040
Tot 18-40:	5	4,187,840		5	4,187,840	S	4,187,840
Tot 16-40:	\$	4,552,000					
	1			Total	rev	S	4,552,000

Example of No Multiplier Used

- TSP included statement of total revenues by 2040
- Total revenues estimated are \$4,552,000 form 2016-2040
- Revenues will be inconsistent
- Some years could be \$0
- Know historical actual amount in 2014 greater than 25 year annual average
- Solution was to equally spread the \$4.55 million among the 25 years then subtract out FY 2016 and 17
- Generally, this approach "front loads" some of the revenues in earlier years

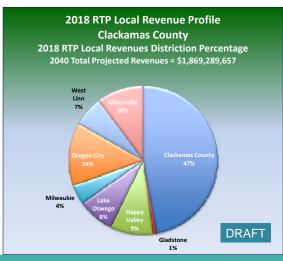
Local Revenue Forecast Progress

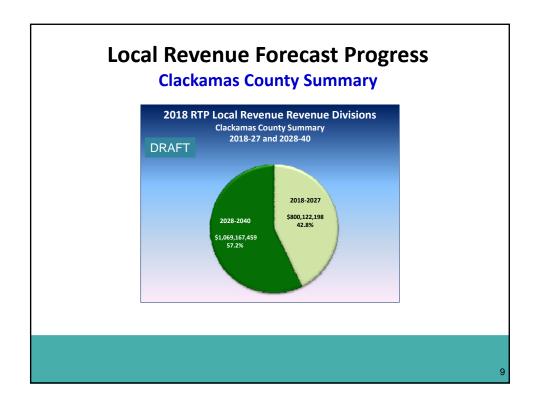
- All 3 counties now almost complete
- Local revenue forecast at 90% accuracy level
- Starting charting and graphical representations
- Expect further refinement, possible slight reductions on the county totals as remaining assumptions used are confirmed or refuted
- Note: All following local revenue projections are still draft and subject to further revision and refinement

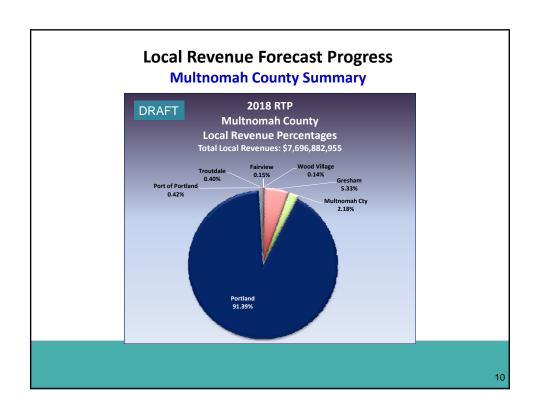
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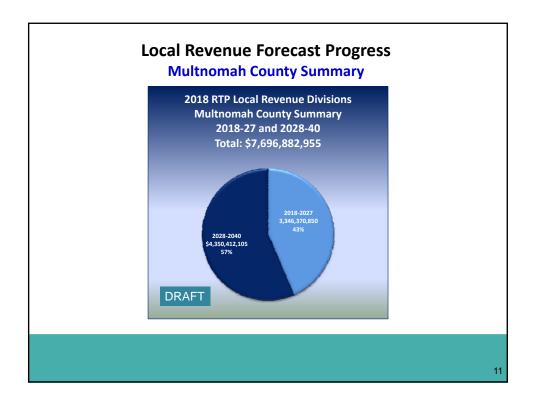
Local Revenue Forecast Progress

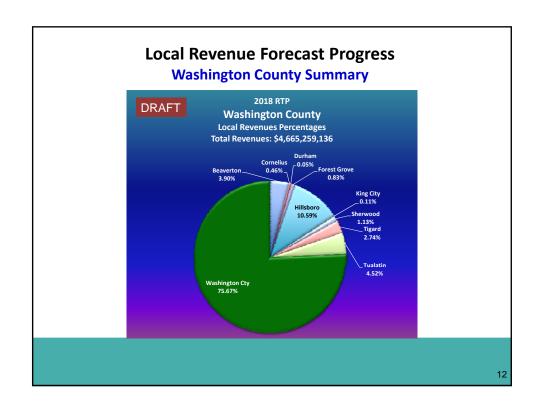
Clackamas County Summary

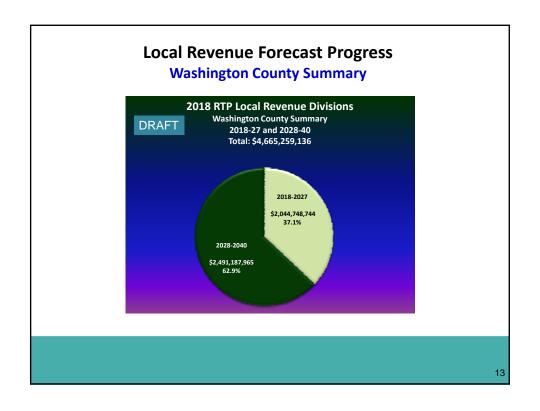


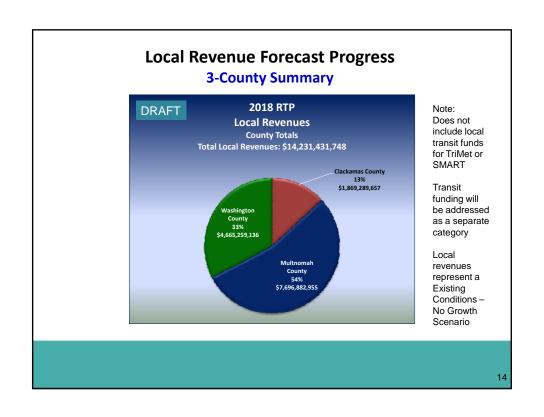












Local Revenue Forecast

Templates - Still to do

- Templates require refinement, revisions, correct errors, and add any required updates
- O&M vs. Capital funding split comparison review and refine
- Need Hillsboro revenues
- Post election results: Additional new revenues to include?
- Determine if O&M is applicable to Port of Portland

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State and Federal Revenue Forecast

- Still working on correctly interpreting revenue tables at state level down to regional level
- Federal funds: will continue developing the Existing Conditions – No Growth, Conservative, and Moderate scenarios
- Still need to provide TriMet and SMART their federal and state transit funding revenue assumptions

State and Federal Revenue Forecast

Impact of Measures on State Lottery Fund Assumptions

- Impacts of Measures 96 through 99 on State Lottery funding assumptions for transportation:
 - Measure 96: Dedicates 1.5% of state lottery proceeds to fund Veterans' services. Status - 84% YES, Passed
 - Measure 97: Increases corporate minimum tax when sales exceed \$25 million using funds for education, healthcare, and senior services. Status - 59% NO, Failed
 - Measure 98: Requires the legislature to fund dropout prevention as well as career and college readiness programs in high schools. Status: - 66% YES, Passed

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State and Federal Revenue Forecast

Impact of Measures on State Lottery Fund Assumptions

- Impacts continued:
 - Measure 99: Creates "Outdoor School Education Fund" continuously funded through the lottery to provide outdoor school programs statewide. Status: 67% YES – Passed
- ODOT LRFA Work Group will evaluate the extent of funding impacts on State lottery funds previously allocated for transportation needs and if changes are required

Local Revenue Forecast

O&M versus Capital Revenues Comparison

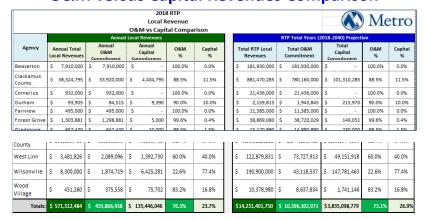
City of	City of West Linn O&M vs. Capital (and other transportation improvement types) Ratio Comparison											
2018 Annual Revenue	Total Revenues 2018-40	O&M Percent	Capital/Other Improvements Percent	2018 Annual Amount O&M	2018 Annual Capital/Other Amount	RTP Horizon Years Total O&M	RTP Horizon Years Total Capital/Other					
\$3,481,826	\$122,879,831	60%	40%	\$2,089,096	\$1,392,730	\$73,727,913	\$49,151,918					

- Purpose: Provides a summary level of local revenues committed to O&M or Capital needs
- Provides annual and RTP Horizon year comparison
- Transit will be addressed as a separate category

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Local Revenue Forecast

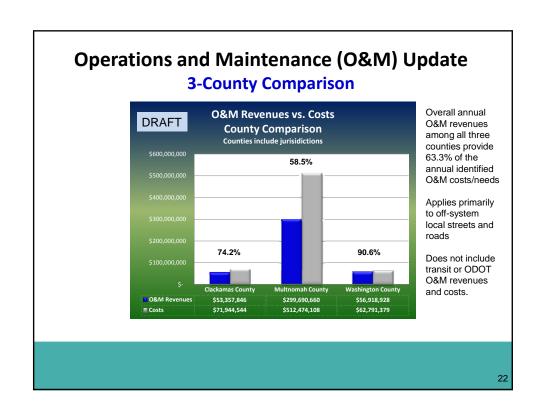
O&M versus Capital Revenues Comparison

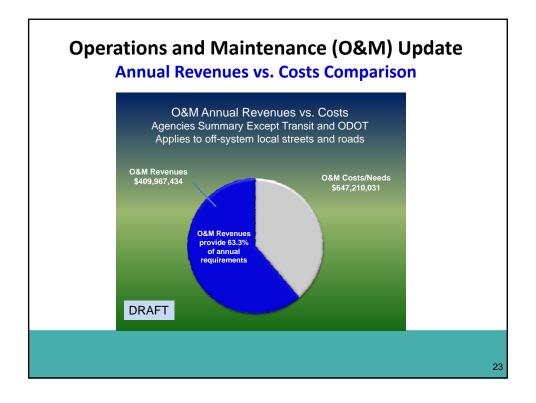


Even with the SDCs, TDTs, and other capacity focused, O&M needs are consuming a large portion of your available local revenues

Handout

	Additional nd Revisions	** D	RAFT	**		
		Operations an	d Maintenance	Summar	ry	
Agency	O&M Local Revenues	O & M Annual Costs	Difference	% of O&M Need	Notes	
Beaverton	\$ 7,910,000	\$ 9,365,000	5 (1,455,000)	84,5%		
Clackamas Cty	\$ 33,920,000	\$ 50,920,000	\$ (17,000,000)	66.6%	Delay maintenance used	
Cornelius	\$ 932,000	-	\$ (483,840)	65.8%	Deferred maintenance used	
Durham	\$ 84,515	-	S -	100.0%	My guess	
Fairview	\$ 393,000		-	100.0%	My guess	
Forest Grove	7	\$ 1,156,272	1.4	112.3%		
Gladstone	\$ 647,430	-	5 (197,066)	76.7%	KL - Estimate - needs confirmation	
Gresham	\$ 10,000,000	-	\$ (7,300,000)	57.8%	Deferred maintenance used	
Happy Valley	\$ 1,108,300	\$ 1,484,728	\$ (376,428)	74.6%	Deferred maintenance used	
Hillsboro	\$ -		\$ -			
King City	\$ 224,507	-		100.0%	My guess	
Lake Oswego	\$ 6,486,700	-	\$ [139,300]	97.9%		
Milwaukie	\$ 3,338,697	1 1 1	\$ [168,530]	95.2%		
Multnomah Cty			\$ (5,122,448)	36.9%		
ODOT-Reg 1	\$ -	\$ -	\$	non etc	On system O&M costs	
Oregon City Portland	\$ 4,110,000 \$ 284,898,102	\$ 3,890,500	\$ 219,500	105.6%	Annual O&M Needs being met \$200 million shortfall per year	
Sherwood	\$ 2,198,000	\$ 1,467,000	\$ 731,000	149.8%	Jeon minion shortien per year	
SMART	\$ 2,130,000	3 1,467,000	\$ 731,000	1=3,076		
Tigard	-		,		Review table logic and recalculate	
TriMet	\$.		š -		instituti instituti inglica and recordinate	
Troutdale	\$ 1.024,000	\$ 1,385,000	\$ (361,000)	73,9%	My guess - Troutdale to review	
Tualatin	\$ 9,171,025	\$ 8,078,245	\$ 1,092,780	113.5%		
Washington Cty	A PROPERTY OF THE PARTY OF THE		\$ (5,900,000)	85.6%	November update	
West Linn	\$ 1,872,000		\$ (71,796)	96,3%		
Wilsonville	5 1,874,719	-		68.7%		
Wood Village	\$ 375,558			100.0%	Myguess	11
Total:		5 647,210,031	1.5	63.3%	m) Euclis	Hando





RTP Process Updates

Summary Updates, & Next Steps

Goals for January 12th Meeting

- Complete final draft of local revenue templates and local revenue picture
- Complete state and federal revenue forecast
 - Determine Measure impacts on Lottery funds
 - Break out state funds to the Metro regional level
 - Complete federal ECNG, Conservative, and Moderate revenue scenarios
- Develop and complete the transit revenue forecast
- Prepare to tell the story (i.e. develop the financial plan narrative)

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Questions?









Subject to Additional Updates and Revisions

** DRAFT **

			0	perations an	d N	/laintenance S	Summary	
Agency	Agency		O & M Annual Costs		Difference		% of O&M Need	Notes
Beaverton	\$	7,910,000	\$	9,365,000	\$	(1,455,000)	84.5%	
Clackamas Cty	\$	33,920,000	\$	50,920,000	\$	(17,000,000)	66.6%	Delay maintenance used
Cornelius	\$	932,000	\$	1,415,840	\$	(483,840)	65.8%	Deferred maintenance used
Durham	\$	84,515	\$	84,515	\$	-	100.0%	My guess
Fairview	\$	393,000	\$	393,000	\$	-	100.0%	My guess
Forest Grove	\$	1,298,881	\$	1,156,272	\$	142,609	112.3%	
Gladstone	\$	647,430	\$	844,496	\$	(197,066)	76.7%	KL - Estimate - needs confirmation
Gresham	\$	10,000,000	\$	17,300,000	\$	(7,300,000)	57.8%	Deferred maintenance used
Happy Valley	\$	1,108,300	\$	1,484,728	\$	(376,428)	74.6%	Deferred maintenance used
Hillsboro	\$	-			\$	-		
King City	\$	224,507	\$	224,507	\$	-	100.0%	My guess
Lake Oswego	\$	6,486,700	\$	6,626,000	\$	(139,300)	97.9%	
Milwaukie	\$	3,338,697	\$	3,507,227	\$	(168,530)	95.2%	
Multnomah Cty	\$	3,000,000	\$	8,122,448	\$	(5,122,448)	36.9%	
ODOT-Reg 1	\$	-	\$	-	\$	-		On system O&M costs
Oregon City	\$	4,110,000	\$	3,890,500	\$	219,500	105.6%	Annual O&M Needs being met
Portland	\$	284,898,102	\$	484,898,102	\$	(200,000,000)	58.8%	\$200 million shortfall per year
Sherwood	\$	2,198,000	\$	1,467,000	\$	731,000	149.8%	
SMART	\$	-			\$	-		
Tigard								Review table logic and recalculate
TriMet	\$	-			\$	-		
Troutdale	\$	1,024,000	\$	1,385,000	\$	(361,000)	73.9%	My guess - Troutdale to review
Tualatin	\$	9,171,025	\$	8,078,245	\$	1,092,780	113.5%	
Washington Cty	\$	35,100,000	\$	41,000,000	\$	(5,900,000)	85.6%	November update
West Linn	\$	1,872,000	\$	1,943,796	\$	(71,796)	96.3%	
Wilsonville	\$	1,874,719	\$	2,727,797	\$	(853,078)	68.7%	
Wood Village	\$	375,558	\$	375,558	\$	-	100.0%	My guess
Total:	\$	409,967,434	\$	647,210,031	\$	(237,242,597)	63.3%	

** DRAFT **

2018 RTP Local Revenue O&M vs Capital Comparison



	Annual Local Revenues										
Agency	Annual Total cal Revenues	(Annual O&M Commitment	Annual Capital Commitment		O&M %	Capital %				
Beaverton	\$ 7,910,000	\$	7,910,000	\$	-	100.0%	0.0%				
Clackamus County	\$ 38,324,795	\$	33,920,000	\$	4,404,795	88.5%	11.5%				
Cornelius	\$ 932,000	\$	932,000	\$	-	100.0%	0.0%				
Durham	\$ 93,905	\$	84,515	\$	9,390	90.0%	10.0%				
Fairview	\$ 495,000	\$	495,000	\$	-	100.0%	0.0%				
Forest Grove	\$ 1,303,881	\$	1,298,881	\$	5,000	99.6%	0.4%				
Gladstone	\$ 657,430	\$	647,430	\$	10,000	98.5%	1.5%				
Gresham	\$ 17,835,000	\$	10,000,000	\$	7,835,000	56.1%	43.9%				
Happy Valley	\$ 7,467,519	\$	1,108,300	\$	6,359,219	14.8%	85.2%				
Hillsboro	\$ 21,479,908	\$	21,479,908	\$	-	100.0%	0.0%				
King City	\$ 224,507	\$	224,507	\$	-	100.0%	0.0%				
Lake Oswego	\$ 6,486,700	\$	6,486,700	\$	1	100.0%	0.0%				
Milwaukie	\$ 3,514,418	\$	3,338,697	\$	175,721	95.0%	5.0%				
Multnomah County	\$ 7,287,723	\$	3,000,000	\$	4,287,723	41.2%	58.8%				
Oregon City	\$ 11,180,000	\$	4,110,000	\$	7,070,000	36.8%	63.2%				
Portland	\$ 305,823,102	\$	284,898,102	\$	20,925,000	93.2%	6.8%				
Port of Portland	\$ 1,400,000			\$	1,400,000	0.0%	100.0%				
Sherwood	\$ 2,298,000	\$	2,198,000	\$	100,000	95.6%	4.4%				
SMART											
Tigard	\$ 5,550,000	\$	4,100,000	\$	1,450,000	73.9%	26.1%				

		RTP Total Years (2	018	-2040) Projectio	n	
Т	otal RTP Local Revenues	Total O&M Commitment	C	Total Capital Commitment	O&M %	Capital %
\$	181,930,000	\$ 181,930,000	\$	-	100.0%	0.0%
\$	881,470,285	\$ 780,160,000	\$	101,310,285	88.5%	11.5%
\$	21,436,000	\$ 21,436,000	\$	-	100.0%	0.0%
\$	2,159,815	\$ 1,943,845	\$	215,970	90.0%	10.0%
\$	11,385,000	\$ 11,385,000	\$	-	100.0%	0.0%
\$	38,869,080	\$ 38,720,029	\$	149,051	99.6%	0.4%
\$	15,120,890	\$ 14,890,890	\$	230,000	98.5%	1.5%
\$	410,205,000	\$ 230,000,000	\$	180,205,000	56.1%	43.9%
\$	171,752,937	\$ 25,490,900	\$	146,262,037	14.8%	85.2%
\$	494,037,884	\$ 494,037,884	\$	-	100.0%	0.0%
\$	5,163,663	\$ 5,163,663	\$	-	100.0%	0.0%
\$	149,194,100	\$ 149,194,100	\$	-	100.0%	0.0%
\$	80,831,614	\$ 76,790,031	\$	4,041,583	95.0%	5.0%
\$	167,617,629	\$ 69,000,000	\$	98,617,629	41.2%	58.8%
\$	257,140,000	\$ 94,530,000	\$	162,610,000	36.8%	63.2%
\$	7,033,931,346	\$ 6,552,656,346	\$	481,275,000	93.2%	6.8%
\$	32,400,000	\$ -	\$	32,400,000	0.0%	100.0%
\$	52,854,000	\$ 50,554,000	\$	2,300,000	95.6%	4.4%
\$	127,650,000	\$ 94,300,000	\$	33,350,000	73.9%	26.1%

Subject to Additional Refinement and Revisions



				Annua	l Loc	cal Revenues		
Agency	Annual Total Local Revenues			Annual O&M Commitment	C	Annual Capital Commitment	O&M %	Capital %
TriMet								
Troutdale	\$	1,345,000	\$	1,024,000	\$	321,000	76.1%	23.9%
Tualatin	\$	9,171,025	\$	9,171,025	\$	-	100.0%	0.0%
Washington County	\$	108,299,485	\$	35,100,000	\$	73,199,485	32.4%	67.6%
West Linn	\$	3,481,826	\$	2,089,096	\$	1,392,730	60.0%	40.0%
Wilsonville	\$	8,300,000	\$	1,874,719	\$	6,425,281	22.6%	77.4%
Wood Village	\$	451,260	\$	375,558	\$	75,702	83.2%	16.8%
Totals:	\$	571,312,484	\$	435,866,438	\$	135,446,046	76.3%	23.7%

	RTP Total Years (2	018	3-2040) Projectio	n	
Total RTP Local Revenues	Total O&M Commitment		Total Capital Commitment	O&M %	Capital %
\$ 30,935,000	\$ 23,552,000	\$	7,383,000	76.1%	23.9%
\$ 210,933,575	\$ 210,933,575	\$	-	100.0%	0.0%
\$ 3,530,225,121	\$ 1,144,150,425	\$	2,386,074,696	32.4%	67.6%
\$ 122,879,831	\$ 73,727,913	\$	49,151,918	60.0%	40.0%
\$ 190,900,000	\$ 43,118,537	\$	147,781,463	22.6%	77.4%
\$ 10,378,980	\$ 8,637,834	\$	1,741,146	83.2%	16.8%
\$ 14,231,401,750	\$ 10,396,302,971	\$	3,835,098,779	73.1%	26.9%

Summary:

1. Annually:

Of the total approximate local revenues of \$571,312,484, about 76% are committed to local road O&M requirements with 24% designated to capacity needs based on use definitions for the funds.

2. RTP 23-Year Horizon Years (2018-2040):

Over the RTP horizon year, the O&M versus Capacity ratio remains failry consistent with a slight drop to O&M to 73% with Capacity increasing slightly to 27%.

3. Fund Designations:

Each agency designates specific eligibility and uses for the various local revenues based on how they are generated, collected, or allocated. Most agencies already have committed 10 years or more of the future revenues to required O&M needs, new development, expansion, or other authorized requirements identified in their TSPs and CIPs based on planned future growth.

4. Fund Uses:

The majority local revenues are will be primarily applied to off-system requirements within their jurisdiction. The revenues should not be assumed as avaible for on-system needs.

5. Transit:

Transit O&M and capacity requirements will be treated as a separate category from the above road improvement comparison.