

## Finance and Budget Committee

Motion by Directors Butts, Knabe, Dubois and Antonovich to

Amend Item No. 5

A Fiscal Stability Overview and Funding Commitments Inventory

Metro currently finds itself at an interesting crossroads; in so far as this Board has three new members, a pending new CEO and is currently in the process of updating the 2009 Long Range Transportation Plan (LRTP) while concurrently developing information that could lead to a new sales tax ballot measure as early as November, 2016.

Before us this month is the timely issue of Debt Management and Debt Service policy. A primary goal of such policy is to monitor and manage Metro debt commitments so as to avoid over leveraging longer-term future revenues in order to finance present and near future programs and projects. We believe that everyone would agree that we should be consciously aware of how much future debt we have already committed in order that we may seek to strike a responsible balance between paying for the costs of on-going Operations and Maintenance and the State of Good Repair needs with real-time revenues prior to embarking on a shared ambition to continue to expand the transit network. We are concerned that we may be over-mortgaging future sales tax revenues to grow beyond our means to sustain the operations and maintenance of Metro's growing infrastructure.

We also feel it might be helpful for us all if the Board were to step back and undertake a **Fiscal Stability Overview and Funding Commitments Inventory** to be submitted by Capital Planning, Operations and Construction staff to the Chief Financial Officer and Treasurer that examines the following areas:

1. A consolidated budgetary statement on all Metro Transit Projects and Programs currently funded through Propositions A and C and Measure R, including
  - a. Life of Project Budgets;
  - b. Estimated projected capital, operations, and rehabilitation shortfall for each project; and
  - c. A list of estimated costs for approved and pending "betterments" for each of those projects that have been approved by the Metro Board since the LRTP was adopted in 2009.
2. An Inventory of Debt and Debt Service commitments pertaining to each Proposition A, C and Measure R, and programmed debt issuance for existing projects and programs, and the remaining residual **Debt Policy Maximum** in each sales tax measure debt issuance category;
3. A list of Grant Agreements and future plans for funding the *Call for Projects* program;
4. This inventory should also include the funding needs of Bus and Rail Operations and the State of Good Repair

Specifically, such an inventory should list each project and program funded through the three existing sales tax measures (*A, C, and R*) in a 3-column chart that lists

- a) Current funding
- b) Amount needed to complete the Project; and
- c) Shortfall amount (projected to be included in a new ballot measure, re-programming of current commitments, or issuance of new debt )

**Motion by Directors Butts, Knabe, Dubois and Antonovich to  
Amend Item No. 5**

**We, Therefore, Move** that this Board:

- A. Approve the staff Recommendation as contained in Item number Five; and
- B. Instruct the Capital Planning, Construction and Operations staff with the validation of data by the Chief Financial Officer and Treasurer to report back in June, 2015 to the Finance, Budget and Planning Committees with the information described above in order to provide this Board, the new CEO and the subregion stakeholder partners a **financial baseline** from which to develop a framework for the updated LRTP, sales tax measure and other pertinent strategic financial decisions for the future of transportation development.

**Consolidated Budgetary Statement for all Metro  
Transportation Projects and Programs (Summary)**

Metro-Controlled Sources and Uses (not including local return)

**ATTACHMENT B-1**

	FY 15-24	FY 25-40	Total
Local Revenues	33,851.7	85,682.8	119,534.5
State Revenues	3,459.4	3,721.1	7,180.5
Federal Revenues	8,912.7	12,218.7	21,131.4
Subtotal Before Bonds	46,223.8	101,622.6	147,846.4
New Bonds	7,867.6	7,790.5	15,658.1
<b>Total Sources</b>	<b>54,091.4</b>	<b>109,413.1</b>	<b>163,504.5</b>
Existing Debt Service	3,615.0	3,192.8	6,807.8
Operations and other cash uses	25,309.9	61,739.5	87,049.4
Subtotal Uses Not Bond Eligible	28,924.9	64,932.3	93,857.2
Bond Eligible Capital	22,739.3	34,064.9	56,804.2
New Debt Service	2,867.4	10,889.9	13,757.3
<b>Total Uses</b>	<b>54,531.6</b>	<b>109,887.1</b>	<b>164,418.7</b>
<b>Sources Over/(Under) Uses</b>	<b>(440.2)</b>	<b>(474.0)</b>	<b>(914.2)</b>

# Consolidated Budgetary Statement for all Metro Transportation Projects and Programs (Detail)

Metro-Controlled Sources and Uses (not including local return)

		<b>FY 15-24</b>	<b>FY 25-40</b>	<b>Total</b>
1	Sales Tax Revenues (A, C, R, TDA)	27,874.8	70,008.0	97,882.8
2	Fares	4,394.8	13,468.3	17,863.1
3	Other Local	1,582.1	2,206.5	3,788.6
4				
5	State Revenues	1,071.4	1,758.7	2,830.1
6	STA	2,388.0	1,962.4	4,350.4
7	Other State			
8				
9	Federal Revenues			
10	New Starts	2,695.1	2,660.0	5,355.1
11	Other Fed	6,217.6	9,558.7	15,776.3
12	<b>Subtotal Before Bonds</b>	<b>46,223.8</b>	<b>101,622.6</b>	<b>147,846.4</b>
13				
14	Bond Proceeds Prop A 35 Rail	933.7	4,310.3	5,244.0
15	Bond Proceeds Prop C 40	117.0	335.0	452.0
16	Bond Proceeds Prop C 25 Highway	1,802.1	2,324.9	4,127.0
17	Bond Proceeds Prop C 10 Commuter Rail	138.2	79.2	217.4
18	Bond Proceeds Measure R 35% Transit Projects	878.1	661.7	1,539.8
19	Bond Proceeds Measure R 35% TIFIA	1,868.9	-	1,868.9
20	Bond Proceeds Measure R 20% Highway	971.5	79.4	1,050.9
21	Bond Proceeds Measure R 2% Rail Capital	118.5	-	118.5
22	Bond Proceeds New Starts CGRRRB (for Westside Purple Line Section 1)	1,039.6	-	1,039.6
23	<b>Subtotal New Bonds (category summary on next page)</b>	<b>7,867.6</b>	<b>7,790.5</b>	<b>15,658.1</b>
24	<b>Total Sources including Bonds</b>	<b>54,091.4</b>	<b>109,413.1</b>	<b>163,504.5</b>
25	<b>Uses</b>			
26	Existing Debt Service	3,615.0	3,192.8	6,807.8
27	Transit Operations (Metro, Munis, Access Services, Metrolink)	22,981.0	57,189.2	80,170.2
28	Other Metro Highway Operations	869.8	1,643.7	2,513.5
29	Admin	1,116.1	2,469.5	3,585.6
30	Metro Agencywide Capital	343.0	437.1	780.1
31	<b>Subtotal Not Bonded</b>	<b>28,924.9</b>	<b>64,932.3</b>	<b>93,857.2</b>

## Consolidated Budgetary Statement for all Metro Transportation Projects and Programs (Detail)

Metro-Controlled Sources and Uses (not including local return)

	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>Total</b>
32 Measure R Transit Capital Projects (Measure R 2%, 3% 35%)	4,952.9	5,112.9	-	-	10,065.8
33 Metro Bus and Rail State of Good Repair	2,468.3	9,391.1	-	-	11,859.4
34 Other Transit Capital	8,341.5	10,885.7	-	-	19,227.2
35 Measure R Highway Capital Projects (Measure R 20%)	2,770.8	2,199.2	-	-	4,970.0
36 Other Metro Highway Capital	4,205.8	6,476.0	-	-	10,681.8
<b>37 Subtotal Bond Eligible</b>	<b>22,739.3</b>	<b>34,064.9</b>	<b>56,804.2</b>		
38					
<b>39 Subtotal</b>	<b>51,664.2</b>	<b>98,997.2</b>	<b>150,661.4</b>		
40 New Debt Service	2,867.4	10,889.9	13,757.3		
<b>41 TOTAL</b>	<b>54,531.6</b>	<b>109,887.1</b>	<b>164,418.7</b>		
42					
<b>43 Uses Bonded by Category</b>					
44 Measure R Transit Capital Projects	4,838.8	4,972.0	9,810.8		
45 Measure R Highway Capital Projects	971.5	79.4	1,050.9		
46 Non-Measure R Bus Transit Capital	117.0	182.0	299.0		
47 Non-Measure R Rail Transit Capital	138.2	232.2	370.4		
48 Non-Measure R Highway Capital	1,802.1	2,324.9	4,127.0		
49 Subtotal	7,867.6	7,790.5	15,658.1		

## ATTACHMENT B-2

# Consolidated Budgetary Statement for all Metro Transportation Projects and Programs (Costs)

	Total '15-'140	% of Total	Years '15-'24	Years '15-'19	Years '20-'29	Years '30-'40	Years '14-'15	2015	2016	2017	2018
1 Metro Bus Operations	40,126.3	24.4%	11,816.4	5,434.7	13,960.2	20,730.4	1,019.5	1,050.0	1,083.8	1,119.7	1,161.6
2 Access Services Operations	4,600.1	2.8%	1,450.2	678.2	1,643.0	2,278.9	128.8	132.0	135.4	139.1	142.9
3 Other ADA Service	1,703.0	1.0%	463.2	207.5	564.5	931.0	37.7	39.5	41.5	43.5	45.4
4 Muni and Non-Metro Bus Operations	10,794.3	6.6%	3,197.4	1,468.1	3,742.1	5,584.1	271.6	284.1	293.6	304.1	314.6
<b>5 Subtotal Bus Operations</b>	<b>57,222.7</b>	<b>34.8%</b>	<b>16,927.2</b>	<b>7,788.4</b>	<b>19,908.8</b>	<b>29,524.5</b>	<b>1,457.6</b>	<b>1,505.6</b>	<b>1,554.3</b>	<b>1,606.4</b>	<b>1,664.5</b>
6 Metro Rail Operations	20,647.6	12.6%	5,384.4	2,332.1	6,935.9	11,379.7	370.2	448.5	486.8	504.2	522.4
<b>7 Metrolink Rail Operations</b>	<b>2,300.0</b>	<b>1.4%</b>	<b>669.4</b>	<b>305.8</b>	<b>793.1</b>	<b>1,201.1</b>	<b>59.8</b>	<b>59.7</b>	<b>62.1</b>	<b>64.6</b>	<b>64.6</b>
<b>8 Subtotal Rail Operations</b>	<b>22,947.6</b>	<b>14.0%</b>	<b>6,053.8</b>	<b>2,637.8</b>	<b>7,729.0</b>	<b>12,580.8</b>	<b>430.0</b>	<b>508.2</b>	<b>546.5</b>	<b>566.3</b>	<b>587.0</b>
9 Metro Bus Acquisition	4,370.8	2.7%	1,232.3	578.2	1,528.9	2,263.7	156.4	156.4	173.1	184.4	190.0
10 Metro Other Bus Capital	3,880.0	2.4%	1,278.7	635.9	1,366.0	1,878.1	162.1	162.1	173.3	116.4	119.5
11 Muni and non-Metro Bus Capital	3,001.7	1.8%	1,024.0	494.7	1,102.7	1,404.3	103.4	97.3	96.4	99.2	98.2
<b>12 Subtotal Bus Capital</b>	<b>11,252.5</b>	<b>6.8%</b>	<b>3,535.0</b>	<b>1,708.7</b>	<b>3,997.6</b>	<b>5,546.1</b>	<b>421.9</b>	<b>359.1</b>	<b>394.2</b>	<b>265.8</b>	<b>367.7</b>
13 Major Rail Projects	17,311.8	10.5%	9,032.3	6,555.1	4,034.2	6,713.5	982.3	1,809.1	1,322.5	1,428.3	1,012.8
14 Metro Rail State of Good Repair	8,091.1	4.9%	1,279.8	381.1	1,980.9	5,719.1	31.6	31.6	39.3	96.5	98.9
15 Metro Rail Vehicles	1,668.5	1.0%	864.0	599.5	600.3	468.8	162.4	109.8	123.2	87.8	116.3
16 Metro Red/Purple Line System Improvements	849.3	0.5%	251.5	54.9	620.8	173.6	-	22.3	20.8	11.9	-
17 Other Metro Rail Capital	405.5	0.2%	375.1	316.6	88.9	-	69.4	130.0	45.4	43.2	28.7
18 Metrolink Rail Capital	1,573.5	1.0%	425.4	176.0	548.9	848.6	33.9	31.5	31.0	35.7	44.0
<b>19 Subtotal Rail Capital</b>	<b>29,899.9</b>	<b>18.2%</b>	<b>12,227.7</b>	<b>8,083.3</b>	<b>7,892.8</b>	<b>13,923.7</b>	<b>1,279.6</b>	<b>2,141.9</b>	<b>1,639.3</b>	<b>1,705.8</b>	<b>1,316.7</b>
20 Call for Projects	3,415.1	2.1%	1,710.1	699.2	2,260.8	455.0	86.3	241.2	155.9	123.8	92.1
21 Freeway Projects	9,000.0	5.5%	4,369.7	2,707.7	3,674.9	2,617.4	544.2	859.5	584.7	375.6	343.7
22 Measure R Contingency Balance	938.6	0.6%	0.0	0.0	0.0	4.8	933.8	(244.4)	(9.3)	(0.0)	(0.0)
23 Alameda Corridor East	420.2	0.3%	420.2	259.9	160.3	-	53.7	72.2	55.0	45.0	34.0
24 Retrofit Soundwalls	1,085.5	0.7%	264.0	133.3	130.7	821.5	7.0	19.5	32.9	38.5	35.4
25 Other Highway/Multimodal Projects	792.3	0.5%	212.6	127.4	158.0	506.8	43.4	29.9	36.6	8.5	8.9
26 Freeway Service Patrol	803.6	0.5%	259.5	122.5	289.3	391.8	23.4	23.9	24.5	25.0	25.6
27 Rideshare/Vanpools	488.6	0.3%	147.8	65.7	180.1	242.8	11.0	12.4	13.0	15.1	14.2
28 Regional Administration and Other	1,221.2	0.7%	462.5	241.9	440.1	539.3	53.7	52.2	45.4	45.1	45.6
<b>29 Subtotal Highway</b>	<b>18,165.0</b>	<b>11.0%</b>	<b>7,846.4</b>	<b>4,357.7</b>	<b>7,299.0</b>	<b>6,508.3</b>	<b>1,076.6</b>	<b>1,066.4</b>	<b>938.6</b>	<b>676.6</b>	<b>599.6</b>
30 Rail Capital Debt Service Prop A 35%	4,713.4	2.9%	1,480.4	773.9	1,448.3	2,491.2	150.7	147.6	149.6	157.6	168.4
31 Rail Capital Debt Service Prop C 40%	815.9	0.5%	645.6	358.0	382.9	75.0	73.0	71.7	71.4	70.8	-
32 Bus Capital Debt Service Prop A 40%	434	0.0%	21.9	11.7	20.0	11.7	2.3	2.3	2.3	2.3	-
33 Bus Capital Debt Service Prop C 40%	411.3	0.3%	36.4	-	125.1	286.1	-	-	-	-	-
34 Highway Debt Service Prop C 25%	5,131.9	3.1%	1,119.0	400.9	1,654.8	3,076.2	55.4	59.4	80.6	88.2	117.3
35 Commuter Rail Debt Service Prop C 10%	355.6	0.2%	146.3	67.9	140.0	147.8	12.7	12.1	13.7	14.4	15.0
36 Measure R 2% Debt Service	367.9	0.2%	123.1	45.0	155.9	166.9	5.5	5.5	11.2	11.4	11.4
37 Measure R 35% Debt Service	5,797.5	3.5%	1,591.2	531.8	2,243.0	3,022.7	48.9	52.9	135.7	196.0	98.3
38 Measure R 20% Debt Service	1,735.1	1.1%	309.9	36.9	742.3	956.0	-	-	-	15.7	21.2
39 Capital Grant Bond Debt Service	1,184.6	0.7%	1,000.0	500.0	684.6	-	100.0	100.0	100.0	100.0	100.0
40 Regional Improvement Program Debt Service	8.6	0.0%	-	-	-	-	8.6	-	-	-	-
<b>41 Subtotal Debt Service</b>	<b>20,565.3</b>	<b>12.5%</b>	<b>6,482.4</b>	<b>2,734.7</b>	<b>7,596.9</b>	<b>10,233.7</b>	<b>457.2</b>	<b>451.6</b>	<b>564.5</b>	<b>604.8</b>	<b>604.8</b>
42 Agencywide Capital	673.3	0.4%	304.1	211.4	196.0	266.0	19.0	134.9	23.2	16.9	17.3
43 Administrative Overhead	3,317.6	2.0%	1,036.9	488.3	1,172.8	1,656.6	100.1	92.8	95.6	101.3	101.3
44 Immediate Needs and General Relief Token	374.8	0.2%	118.2	55.3	133.9	185.7	10.5	10.8	11.0	11.3	11.7
<b>45 Subtotal Other</b>	<b>4,365.8</b>	<b>2.7%</b>	<b>1,459.2</b>	<b>755.0</b>	<b>1,502.7</b>	<b>2,108.2</b>	<b>129.7</b>	<b>129.8</b>	<b>126.6</b>	<b>130.3</b>	<b>130.3</b>
<b>46 GRAND TOTAL</b>	<b>164,418.7</b>	<b>100.0%</b>	<b>54,531.6</b>	<b>28,065.7</b>	<b>55,927.7</b>	<b>80,425.3</b>	<b>5,252.6</b>	<b>5,667.0</b>	<b>6,271.3</b>	<b>5,604.2</b>	<b>5,270.6</b>

## Consolidated Budgetary Statement for all Metro Transportation Projects and Programs (Costs)

### ATTACHMENT B-3

*LRTP Update 3/31/15*

*(\$ in millions)*

	Total '15-'16	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024	2024 2025	2025 2026	2026 2027	2027 2028
1 Metro Bus Operations	40,125.3	1,198.7	1,236.6	1,275.8	1,315.0	1,355.5	1,439.0	1,493.0	1,504.3	1,548.6
2 Access Services Operations	4,600.1	146.7	150.5	154.4	158.2	162.1	166.1	170.1	174.2	178.2
3 Other ADA Service	1,703.0	47.3	49.2	51.1	53.0	55.2	57.0	59.1	61.7	64.2
4 Muni and Non-Metro Bus Operations	10,794.3	324.9	335.2	345.7	355.9	367.4	378.1	389.2	402.3	415.2
<b>5 Subtotal Bus Operations</b>	<b>57,222.7</b>	<b>1,717.7</b>	<b>1,771.6</b>	<b>1,827.1</b>	<b>1,882.1</b>	<b>1,940.2</b>	<b>2,040.3</b>	<b>2,111.4</b>	<b>2,142.5</b>	<b>2,206.3</b>
6 Metro Rail Operations	20,647.6	555.1	591.3	614.1	633.8	658.1	700.0	751.4	773.4	811.3
7 Metrolink Rail Operations	2,300.0	67.1	69.8	72.6	75.5	78.5	80.9	83.3	85.8	88.4
<b>8 Subtotal Rail Operations</b>	<b>22,947.6</b>	<b>622.2</b>	<b>661.1</b>	<b>686.7</b>	<b>709.3</b>	<b>736.7</b>	<b>780.9</b>	<b>834.7</b>	<b>859.2</b>	<b>899.7</b>
9 Metro Bus Acquisition	4,370.8	125.0	125.0	125.0	125.0	125.0	154.1	191.6	124.4	199.9
10 Metro Other Bus Capital	3,880.0	122.6	125.3	128.5	131.6	134.8	138.1	141.3	144.6	148.0
11 Muni and non-Metro Bus Capital	3,001.7	102.5	104.1	105.8	107.6	109.3	111.1	112.8	114.6	116.5
<b>12 Subtotal Bus Capital</b>	<b>11,252.5</b>	<b>350.1</b>	<b>354.4</b>	<b>359.3</b>	<b>364.2</b>	<b>398.2</b>	<b>440.7</b>	<b>378.5</b>	<b>454.6</b>	<b>464.3</b>
13 Major Rail Projects	17,311.8	700.4	626.4	431.2	444.2	274.8	274.8	274.8	274.8	353.0
14 Metro Rail State of Good Repair	8,091.1	220.1	153.2	127.6	157.5	240.3	187.9	247.0	216.5	217.0
15 Metro Rail Vehicles	1,668.5	94.2	40.3	34.1	34.6	61.3	64.3	50.4	46.8	109.4
16 Metro Red/Purple Line System Improvements	849.3	-	-	-	83.9	112.2	107.9	172.1	107.9	36.8
17 Other Metro Rail Capital	405.5	15.0	10.0	2.9	2.8	27.8	27.7	2.6	-	-
18 Metrolink Rail Capital	1,573.5	47.6	47.6	49.5	51.3	53.4	55.3	57.4	59.8	62.2
<b>19 Subtotal Rail Capital</b>	<b>29,899.9</b>	<b>1,077.4</b>	<b>877.6</b>	<b>645.2</b>	<b>774.3</b>	<b>769.8</b>	<b>634.2</b>	<b>747.7</b>	<b>705.3</b>	<b>778.4</b>
20 Call for Projects	3,415.1	91.8	163.0	256.2	250.0	250.0	250.0	250.0	250.0	250.0
21 Freeway Projects	9,000.0	430.0	281.1	239.2	342.2	369.4	419.6	376.8	398.8	401.9
22 Measure R Contingency Balance	938.6	0.0	(0.0)	(0.0)	(0.0)	0.0	0.0	0.0	2.2	2.2
23 Alameda Corridor East	420.2	34.0	34.0	34.0	34.0	24.3	-	-	-	-
24 Retrofit Soundwalls	1,085.5	44.2	58.0	28.5	-	-	-	-	-	-
25 Other Highway/Multimodal Projects	792.3	9.3	29.7	11.8	10.4	24.0	23.4	11.6	12.1	12.6
26 Freeway Service Patrol	803.6	26.2	26.8	27.4	28.0	28.6	29.2	29.8	30.5	31.1
27 Rideshare/Vanpools	488.6	14.8	15.4	16.0	18.5	17.4	18.1	18.8	19.6	20.3
28 Regional Administration and Other	1,221.2	46.8	43.7	48.5	40.3	41.2	42.1	43.0	43.9	44.8
<b>29 Subtotal Highway</b>	<b>18,165.0</b>	<b>697.1</b>	<b>651.7</b>	<b>661.6</b>	<b>723.5</b>	<b>754.9</b>	<b>782.4</b>	<b>732.1</b>	<b>757.1</b>	<b>762.9</b>
30 Rail Capital Debt Service Prop A 35%	4,713.4	171.3	168.7	130.4	138.1	98.0	118.0	143.5	160.2	159.5
31 Rail Capital Debt Service Prop C 40%	815.9	67.3	63.6	64.0	29.1	27.6	16.7	19.4	19.4	19.4
32 Bus Capital Debt Service Prop A 40%	43.4	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
33 Bus Capital Debt Service Prop C 40%	411.3	3.4	5.1	6.1	7.1	14.6	14.6	15.9	15.9	21.1
34 Highway Debt Service Prop C 25%	5,131.9	131.1	143.0	147.7	149.4	146.9	157.5	166.6	184.9	204.1
35 Commuter Rail Debt Service Prop C 10%	355.6	15.6	15.9	17.0	18.2	11.7	11.7	12.5	11.4	12.4
36 Measure R 2% Debt Service	367.9	124	15.4	16.8	16.8	16.8	16.8	16.8	16.7	16.7
37 Measure R 35% Debt Service	5,797.5	223.8	183.8	200.7	251.1	199.9	233.7	238.3	230.3	242.8
38 Measure R 20% Debt Service	1,735.1	30.4	42.5	54.6	68.6	76.9	86.9	95.6	95.6	-
39 Capital Grant Bond Debt Service	1,184.6	100.0	100.0	100.0	100.0	100.0	100.0	84.6	-	-
40 Regional Improvement Program Debt Service	8.6	-	-	-	-	-	-	-	-	-
<b>41 Subtotal Debt Service</b>	<b>20,565.3</b>	<b>757.6</b>	<b>740.0</b>	<b>738.9</b>	<b>815.4</b>	<b>695.9</b>	<b>768.7</b>	<b>772.5</b>	<b>736.4</b>	<b>773.7</b>
42 Agencywide Capital	673.3	17.7	18.1	18.5	18.9	19.4	19.8	20.2	20.6	21.1
43 Administrative Overhead	3,317.6	104.1	107.0	109.9	112.8	114.8	117.8	120.8	125.3	128.5
44 Immediate Needs and General Relief Token	374.8	12.0	12.3	12.6	12.9	13.2	13.5	13.9	14.2	14.5
<b>45 Subtotal Other</b>	<b>4,365.8</b>	<b>133.8</b>	<b>137.3</b>	<b>141.0</b>	<b>144.6</b>	<b>147.4</b>	<b>151.1</b>	<b>154.9</b>	<b>160.1</b>	<b>164.2</b>
<b>46 GRAND TOTAL</b>	<b>5,355.9</b>	<b>5,193.7</b>	<b>5,355.9</b>	<b>5,193.7</b>	<b>5,413.5</b>	<b>5,443.1</b>	<b>5,598.2</b>	<b>5,731.7</b>	<b>5,815.1</b>	<b>6,049.4</b>

# Consolidated Budgetary Statement for all Metro

## Transportation Projects and Programs (Costs)

### ATTACHMENT B-3

	Total '15-'40	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
1 Metro Bus Operations	40,125.3	1,533.5	1,634.3	1,675.8	1,723.5	1,772.5	1,822.4	1,873.7	1,926.5	1,981.0	
2 Access Services Operations	4,600.1	182.3	185.9	189.5	193.8	198.0	202.4	206.8	211.3	216.0	
3 Other ADA Service	1,703.0	66.7	69.1	72.6	76.3	79.1	81.9	84.6	87.6	90.5	
4 Muni and Non-Metro Bus Operations	10,794.3	428.1	440.3	456.3	473.8	487.8	502.0	516.5	531.4	546.6	
<b>5 Subtotal Bus Operations</b>	<b>57,222.7</b>	<b>2,290.6</b>	<b>2,394.2</b>	<b>2,467.4</b>	<b>2,537.4</b>	<b>2,608.6</b>	<b>2,681.6</b>	<b>2,756.8</b>	<b>2,834.1</b>		
6 Metro Rail Operations	20,647.6	847.5	867.9	888.8	897.7	937.3	962.3	988.0	1,097.2	1,145.8	
7 Metrolink Rail Operations	2,300.0	91.0	93.8	96.8	99.5	102.5	105.5	108.7	112.0	115.3	
<b>8 Subtotal Rail Operations</b>	<b>22,947.6</b>	<b>938.6</b>	<b>961.7</b>	<b>985.4</b>	<b>997.2</b>	<b>1,039.7</b>	<b>1,067.8</b>	<b>1,096.7</b>	<b>1,209.1</b>	<b>1,261.1</b>	
9 Metro Bus Acquisition	4,370.8	163.6	325.5	158.1	147.7	111.0	181.6	218.0	307.2	138.5	
10 Metro Other Bus Capital	3,880.0	151.3	154.2	157.1	160.6	164.1	167.7	171.3	173.1	176.9	
11 Muni and non-Metro Bus Capital	3,001.7	118.3	120.1	120.8	121.2	123.2	125.1	127.1	129.2	131.3	
<b>12 Subtotal Bus Capital</b>	<b>11,252.5</b>	<b>433.2</b>	<b>599.8</b>	<b>436.0</b>	<b>429.5</b>	<b>398.3</b>	<b>474.4</b>	<b>516.5</b>	<b>609.5</b>	<b>446.7</b>	
13 Major Rail Projects	17,311.8	529.5	623.3	667.1	853.0	873.9	906.9	745.6	528.0	418.5	
14 Metro Rail State of Good Repair	8,091.1	224.0	249.3	311.9	316.8	549.2	466.6	849.4	557.2	449.5	
15 Metro Rail Vehicles	1,668.5	64.8	64.7	87.5	87.5	70.1	15.9	42.3	42.5	29.5	
16 Metro Red/Purple Line System Improvements	849.3	-	-	7.1	46.5	92.2	27.8	-	-	-	
17 Other Metro Rail Capital	405.5	-	-	-	-	-	-	-	-	-	
18 Metrolink Rail Capital	1,573.5	64.7	69.9	70.2	73.5	76.2	79.1	81.9	84.9	88.0	
<b>19 Subtotal Rail Capital</b>	<b>29,899.9</b>	<b>883.0</b>	<b>1,007.1</b>	<b>1,143.8</b>	<b>1,359.8</b>	<b>1,607.5</b>	<b>1,522.6</b>	<b>1,719.5</b>	<b>1,199.6</b>	<b>1,000.5</b>	
20 Call for Projects	3,415.1	250.0	250.0	205.0	-	-	-	-	-	-	
21 Freeway Projects	9,000.0	415.9	403.5	293.9	289.1	292.4	310.5	369.9	209.0	229.4	
22 Measure R Contingency Balance	938.6	(1.8)	1.2	1.2	1.2	1.2	1.3	1.3	3.4	174.2	
23 Alameda Corridor East	420.2	-	-	-	-	-	-	-	-	-	
24 Retrofit Soundwalls	1,085.5	-	-	57.0	91.5	123.2	85.1	106.4	77.9	33.9	
25 Other Highway/Multimodal Projects	792.3	13.1	13.6	18.6	18.9	20.6	22.2	23.7	25.3	31.0	
26 Freeway Service Patrol	803.6	31.7	32.3	32.9	33.5	34.2	34.9	35.6	36.3	37.0	
27 Rideshare/Vanpools	488.6	21.2	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	
28 Regional Administration and Other	1,221.2	45.7	46.5	45.1	46.0	46.9	47.8	48.8	49.7	50.7	
<b>29 Subtotal Highway</b>	<b>18,165.0</b>	<b>775.8</b>	<b>769.2</b>	<b>675.7</b>	<b>502.3</b>	<b>540.6</b>	<b>523.8</b>	<b>609.7</b>	<b>594.5</b>	<b>579.0</b>	
30 Rail Capital Debt Service Prop A 35%	4,713.4	160.5	163.3	166.6	169.1	174.1	198.0	220.1	250.3	271.9	
31 Rail Capital Debt Service Prop C 40%	815.9	12.2	10.0	2.3	3.2	4.5	5.8	5.7	7.0	7.6	
32 Bus Capital Debt Service Prop A 40%	43.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	-	
33 Bus Capital Debt Service Prop C 40%	411.3	21.1	21.8	36.8	33.5	31.7	30.7	29.7	22.2	22.2	
34 Highway Debt Service Prop C 25%	5,131.9	223.6	243.7	261.7	274.8	281.8	292.0	288.3	294.0	296.1	
35 Commuter Rail Debt Service Prop C 10%	355.6	13.6	13.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	
36 Measure R 2% Debt Service	367.9	10.9	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	
37 Measure R 35% Debt Service	5,797.5	258.6	232.1	245.7	280.5	343.2	366.0	349.7	357.8	347.5	
38 Measure R 20% Debt Service	1,735.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
39 Capital Grant Bond Debt Service	1,184.6	-	-	-	-	-	-	-	-	-	
40 Regional Improvement Program Debt Service	8.6	-	-	-	-	-	-	-	-	-	
<b>41 Subtotal Debt Service</b>	<b>20,565.3</b>	<b>797.9</b>	<b>798.2</b>	<b>840.8</b>	<b>888.6</b>	<b>962.8</b>	<b>1,020.1</b>	<b>1,056.9</b>	<b>1,071.0</b>		
42 Agencywide Capital	673.3	21.5	21.9	22.3	22.7	23.2	23.7	24.1	24.6	25.1	
43 Administrative Overhead	3,317.6	131.8	134.7	137.9	141.6	145.1	148.6	152.1	155.8	160.2	
44 Immediate Needs and General Relief Token	374.8	14.9	15.1	15.4	15.8	16.1	16.5	16.8	17.2	17.6	
<b>45 Subtotal Other</b>	<b>4,365.8</b>	<b>168.2</b>	<b>171.7</b>	<b>175.6</b>	<b>180.1</b>	<b>184.4</b>	<b>188.7</b>	<b>193.1</b>	<b>197.6</b>	<b>203.0</b>	
<b>46 GRAND TOTAL</b>	<b>164,418.7</b>	<b>6,267.2</b>	<b>6,637.4</b>	<b>6,651.5</b>	<b>6,825.0</b>	<b>7,270.8</b>	<b>7,406.0</b>	<b>7,838.1</b>	<b>7,624.0</b>	<b>7,395.3</b>	

# Consolidated Budgetary Statement for all Metro Transportation Projects and Programs (Costs)

## LRTTP Update 3/31/15

(\$ in millions)

	Total '15-'16	2037 2038 2039 2040	2037 2038 2039 2040	2037 2038 2039 2040
1 Metro Bus Operations	40,125.3	2,036.4	2,091.6	2,192.7
2 Access Services Operations	4,600.1	220.7	225.3	229.2
3 Other ADA Service	1,703.0	93.5	96.4	99.4
4 Muni and Non-Metro Bus Operations	10,794.3	561.8	577.0	490.8
<b>5 Subtotal Bus Operations</b>	<b>57,222.7</b>	<b>2,912.4</b>	<b>2,990.3</b>	<b>3,012.1</b>
6 Metro Rail Operations	20,647.6	1,176.1	1,206.4	1,212.3
7 Metrolink Rail Operations	2,300.0	118.8	122.4	126.0
<b>8 Subtotal Rail Operations</b>	<b>22,947.6</b>	<b>1,294.9</b>	<b>1,328.8</b>	<b>1,338.3</b>
9 Metro Bus Acquisition	4,370.8	254.4	164.7	257.0
10 Metro Other Bus Capital	3,880.0	180.7	184.5	187.7
11 Muni and non-Metro Bus Capital	3,001.7	133.4	135.5	137.5
<b>12 Subtotal Bus Capital</b>	<b>11,252.5</b>	<b>568.5</b>	<b>484.7</b>	<b>582.2</b>
13 Major Rail Projects	17,311.8	372.7	664.7	60.0
14 Metro Rail State of Good Repair	8,091.1	684.0	545.8	739.4
15 Metro Rail Vehicles	1,668.5	46.4	25.0	0.4
16 Metro Red/Purple Line System Improvements	849.3	-	-	-
17 Other Metro Rail Capital	405.5	-	-	-
18 Metrolink Rail Capital	1,573.5	91.1	94.3	39.5
<b>19 Subtotal Rail Capital</b>	<b>29,899.9</b>	<b>1,194.2</b>	<b>1,329.8</b>	<b>839.2</b>
20 Call for Projects	3,415.1	-	-	-
21 Freeway Projects	9,000.0	96.5	95.0	28.2
22 Measure R Contingency Balance	938.6	280.7	294.2	-
23 Alameda Corridor East	420.2	-	-	-
24 Retrofit Soundwalls	1,085.5	76.2	89.5	80.8
25 Other Highway/Multimodal Projects	792.3	47.3	117.7	168.0
26 Freeway Service Patrol	803.6	37.7	38.4	39.1
27 Rideshare/Vanpools	488.6	22.1	22.1	22.1
28 Regional Administration and Other	1,221.2	51.7	52.7	53.5
<b>29 Subtotal Highway</b>	<b>18,165.0</b>	<b>612.2</b>	<b>709.7</b>	<b>391.6</b>
30 Rail Capital Debt Service Prop C 35%	4,713.4	271.8	291.9	314.2
31 Rail Capital Debt Service Prop C 40%	815.9	8.6	9.3	11.0
32 Bus Capital Debt Service Prop A 40%	43.4	-	-	-
33 Bus Capital Debt Service Prop C 40%	411.3	20.9	20.9	15.7
34 Highway Debt Service Prop C 25%	5,131.9	296.1	273.9	273.9
35 Commuter Rail Debt Service Prop C 10%	355.6	13.4	13.4	14.6
36 Measure R 2% Debt Service	367.9	16.7	16.7	-
37 Measure R 35% Debt Service	5,797.5	277.6	222.6	-
38 Measure R 20% Debt Service	1,735.1	95.6	95.6	-
39 Capital Grant Bond Debt Service	1,184.6	-	-	-
40 Regional Improvement Program Debt Service	8.6	-	-	-
<b>41 Subtotal Debt Service</b>	<b>20,555.3</b>	<b>1,000.7</b>	<b>944.3</b>	<b>629.3</b>
42 Agencywide Capital	673.3	25.6	26.1	26.5
43 Administrative Overhead	3,317.6	165.2	170.0	145.3
44 Immediate Needs and General Relief Token	374.8	18.0	18.4	18.7
<b>45 Subtotal Other</b>	<b>4,365.8</b>	<b>208.8</b>	<b>214.5</b>	<b>190.5</b>
<b>46 GRAND TOTAL</b>	<b>164,418.7</b>	<b>7,791.8</b>	<b>8,002.1</b>	<b>6,983.3</b>

# Life of Project Costs as of March 2015\*

(\$ in millions)

## ATTACHMENT C

	Financial Forecast Model Page**	Total Funded Project Cost through FY 40 including prior	Subtotal Metro-Controlled Funded Costs for FY '15-'24	Subtotal Metro-Controlled Funded Costs for FY '25-'40
<b>Measure R Capital Program</b>				
1				
2	<b>Major Transit Projects</b>			
3	Westside Purple Line Extension Section 1	310	2,773.9	2,575.1
4	Westside Purple Line Extension Section 2	312	2,273.2	2,151.4
5	<i>Subtotal Westside Purple Line Sections 1 and 2</i>		5,047.1	4,726.5
6	Crenshaw/LAX Transit Corridor	290	2,058.0	1,475.7
7	Regional Connector	300 & 302	1,460.0	1,250.5
8	Exposition Line Phase II	296	1,511.2	800.2
9	West Santa Ana Branch Corridor	308	649.0	301.9
10	Gold Line Foothill Extension Phase 2A Pasadena to Azusa	298	851.1	284.0
11	Airport Metro Connector	289	252.9	246.0
12	East San Fernando Valley N-S	292	170.1	154.3
13	Exposition Line Phase I	295	977.8	48.5
14	Eastside Light Rail Access	297	30.0	11.9
15	South Bay Green Line Extension	305	555.0	5.6
16	Exposition Line Phase II Betterments project		3.9	3.9
17	Orange Line Canoga Extension close out		154.1	1.7
18	Westside Purple Line Extension Section 3	315	2,157.1	-
19	Gold Line Eastside Extension Phase II	293	2,490.0	-
20	Sepulveda Pass Transit Corridor	303	2,468.0	-
21	<i>Subtotal Measure R Transit Projects</i>		<b>20,835.3</b>	<b>9,310.7</b>
22	<b>Major Highway Projects (Total column=Metro-controlled funds only)</b>			<b>7,722.0</b>
23	I-5 South, I-605 to OC Line	393	1,514.7	774.3
24	South Bay Ramps and Interchanges	426	1,512.4	447.9
25	Alameda Corr. East Grade Sep Ph II (prior includes only Meas R)	429	489.9	420.2
26	I-5 N. Capacity Enhancements, SR-14-Kern County Line	395	574.8	394.2
27	I-5 North, SR-134 to SR-170	389	633.9	334.5
28	I-605 Corridor "Hot Spot" Interchanges	407	812.8	269.8
29	Soundwalls (prior includes only Measure R)	438	1,111.5	264.0
30	SR-138 Capacity Enhancements	447	243.0	239.6
31	SR-710 North Extension (tunnel)	415	1,103.2	223.8
32	I-710 South and Early Action Projects	410 & 413	843.6	192.1
33	I-5 South Carmelita Interchange	392	425.6	107.0
34	Operational Improvements in Las Virgenes/Malibu	423	253.3	96.6

## Life of Project Costs as of March 2015\*

(\$ in millions)

### ATTACHMENT C

	Financial Forecast Model Page**	Total Funded Project Cost through FY 40 including prior	Subtotal Metro-Controlled Funded Costs for FY '15-'24	Subtotal Metro-Controlled Funded Costs for FY '25-'40
35      Operational Improvements in Arroyo Verdugo	420	259.6	78.1	172.6
36      I-5 South, I-605 to OC Line Enhancements	418	70.0	55.4	-
37      BNSF Grade Separations in Gateway Cities	430	35.0	35.0	-
38      I-5 North, SR-134 to SR-170 Enhancements	418	18.0	18.0	-
39      High Desert Corridor Environmental	419	33.0	6.5	-
40      I-5 Carmenita Interchange Enhancements	418	5.0	5.0	-
41      I-5/SR-14 Enhancements	418	2.0	2.0	-
42 <b>Subtotal Measure R Highway Projects</b>		<b>9,941.3</b>	<b>3,964.0</b>	<b>4,283.9</b>
43 <b>Subtotal Measure R Capital Projects</b>		<b>30,776.6</b>	<b>13,274.7</b>	<b>12,005.9</b>
44      I-10 Puente to Citrus and Citrus to SR-57	399	455.5	310.2	-
45      I-405 from I-10 to US-101 over Sepulveda Pass	406	1,256.4	172.0	-
46      SR-57/SR-60 Mixed Flow Interchange	402	475.0	170.6	304.4
47      SR-138 Corridor Widening (7 of 13 segments)	446	217.1	105.7	-
48      I-5/I-405 Carpool Lane Partial Connector	394	330.0	94.0	236.0
49      SR-71 from I-10 to Mission Blvd	403	115.0	48.3	55.9
50      SR-71 from Mission Blvd to Rio Rancho Rd	405	330.0	37.9	287.7
51      SR-14 from Ave P-8 to Ave L	401	120.0	15.0	105.0
52				
53      Eastern Light Rail Yard (not in project budgets)	326	207.4	69.5	-
54      Southwestern Light Rail Yard (not in project budgets)	327	145.8	145.8	-
55 <b>Subtotal Rail Yards</b>		<b>353.2</b>	<b>215.3</b>	<b>-</b>
56      P3010 Light Rail Vehicles (not in Project Budgets)	328	789.6	466.8	-
57      Heavy Rail Vehicles not in Project Budgets	331	130.9	130.6	-
58      Willowbrook/Rosa Parks Station	325	34.1	9.6	-
59      Southern California Regional Interconnector Project (SCRIP)	332	26.5	26.5	-
60      Red/Purple Line System Improvements	322	849.3	251.1	598.2
61 <i>Subtotal Rail Capital Yards, Vehicles, Facilities</i>		<i>2,536.8</i>	<i>1,315.2</i>	<i>598.2</i>
62      Patsouras Plaza	261	31.0	16.8	
63      Bus Division 13	260	120.3	51.3	-
64 <b>SUBTOTAL MAJOR PROJECTS</b>		<b>36,410.5</b>	<b>15,396.4</b>	<b>13,593.1</b>

## Life of Project Costs as of March 2015\*

(\$ in millions)

### ATTACHMENT C

	Financial Forecast Model Page**	Total Funded Project Cost through FY 40 including prior	Subtotal Metro-Controlled Funded Costs for FY '15-'24	Subtotal Metro-Controlled Funded Costs for FY '25-'40
65 Metro Bus Operations				11,816.4
66 Debt Service				6,482.4
67 Metro Rail Operations				5,384.4
68 Muni and Non-Metro Bus Operations				3,197.4
69 2009 and Future Calls for Projects				1,710.1
70 Access Services				1,450.2
71 Rail Capital Maintenance (Facilities and State of Good Repair)				1,279.8
72 Replacement Buses				1,232.3
73 Bus Capital Maintenance (Vehicles and Facilities)				1,188.7
74 Metro Administration incl Immediate Needs program				1,155.1
75 Muni and Non-Metro Bus Capital				1,024.0
76 Metrolink Operations				669.4
77 Miscellaneous Highway Projects				643.9
78 Other ADA Service				463.2
79 Metrolink Capital and Rehab				425.4
80 Highway Programs (Freeway Service Patrol, Rideshare)				407.3
81 Metro Agency-wide Capital				304.1
82 Highway Program Administration				167.4
83 Miscellaneous Rail Capital Projects				133.7
<b>84 TOTAL</b>				<b>54,531.6</b>
85 Additional Costs since March 1, 2015:				
86 Affordable Housing Revolving Loan Fund				10.0
87 Risk Allocation (includes 4.3 for Bloc increase)			<u>4.3</u>	<u>300.0</u>
88 Light Rail Vehicles Options 2 and 3				114.0
89 North Hollywood Orange to Red Lines Pedestrian Underpass				1.1
90 Southwestern Light Rail Yard increase				11.2
91 I-405 from I-10 to US-101 over Sepulveda Pass claim				25.0
92 Subtotal			<u>165.5</u>	<u>463.1</u>
<b>93 TOTAL</b>			<b>54,697.1</b>	<b>54,992.9</b>

\*Projects in the Financial Forecast that are not yet under construction do not have current approved Life-of-Project budgets. However, all major transit and highway projects in the SRTP do have estimated total costs that are included above.

\*\*Provided under separate cover.

# Estimated Projected Operations Shortfall

## LACMTA Financial Forecasting Model

### Transit Corridor Operations

#### ATTACHMENT D-1

	LRTP Update 3/31/15 (\$ in millions)	Years '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
<b>30 USES OF FUNDS</b>												
31 Red/Purple Line	1,127.8	96.0	99.5	102.8	106.7	110.7	114.7	118.2	122.1	126.1	131.0	131.6
32 Westside Purple Line Extension	13.6	-	-	-	-	-	-	-	-	-	-	-
33 Blue Line	816.7	69.0	71.7	74.5	77.3	80.3	83.2	85.7	88.6	91.5	94.8	94.8
34 Green Line	547.5	46.5	48.3	49.9	51.7	53.7	55.6	57.3	59.3	61.5	63.7	63.7
35 Gold Line - Pasadena	356.5	29.3	30.4	33.0	34.3	35.6	35.2	38.1	39.5	40.8	40.3	40.3
36 Gold Line - Foothill Extension	309.7	-	8.0	33.2	34.4	35.8	37.0	38.3	39.6	41.0	42.3	42.3
37 Gold Line - Eastside Extension	294.4	24.5	25.4	27.1	28.1	29.2	29.5	31.3	32.3	33.4	33.7	33.7
38 Gold Line - Eastside Extension Phase II	-	-	-	-	-	-	-	-	-	-	-	-
39 Blue Line - Exposition Phase I	417.6	35.1	36.7	38.1	39.5	41.1	42.6	43.9	45.3	46.8	48.5	48.5
40 Blue Line - Exposition Phase II	346.3	-	8.9	37.2	38.6	40.1	41.4	42.8	44.3	45.7	47.2	47.2
41 Crenshaw/LAX Line	79.0	-	-	-	-	-	-	-	-	-	-	-
42 West Santa Ana Branch Line	-	-	-	-	-	-	-	-	-	-	-	-
43 Regional Connector	34.4	-	-	-	-	-	-	-	-	-	-	-
44 Subtotal Metro Operations	4,343.5	300.4	329.0	395.8	410.7	426.4	451.1	479.8	499.1	516.0	535.3	535.3
45 Rail Security - Red Line	277.1	24.4	25.0	25.6	26.3	27.0	27.8	28.5	29.2	29.9	33.4	33.4
46 Rail Security - Blue Line incl. Expo/Reg'l Conn.	314.8	21.9	24.2	29.8	30.6	31.4	32.3	34.3	35.9	36.7	37.7	37.7
47 Rail Security - Green Line	76.0	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.5
48 Rail Security - Gold Line including Eastside	285.7	16.8	19.7	28.5	29.3	30.1	30.2	31.7	32.5	33.3	33.4	33.4
49 Rail Security - Crenshaw/LAX Line	43.6	-	-	-	-	-	-	-	-	-	-	-
50 Rail Security - West Santa Ana Line	-	-	-	-	-	-	-	-	-	-	-	-
51 Subtotal Metro Security	997.3	69.8	75.9	91.0	93.5	96.1	103.9	111.4	115.0	117.8	122.9	122.9
52 GLF and Expo II add'l start-up	43.6	-	-	-	-	-	-	-	-	-	-	-
53 Subtotal Metro	5,384.4	370.2	448.5	486.8	504.2	522.4	555.1	591.3	614.1	633.8	658.1	658.1
54 Metrolink	1,362.1	121.5	123.9	124.9	128.9	133.0	137.1	141.4	145.9	150.4	155.1	155.1
<b>55 TOTAL USES</b>	<b>6,746.5</b>	<b>491.7</b>	<b>572.3</b>	<b>611.7</b>	<b>633.0</b>	<b>655.4</b>	<b>692.2</b>	<b>732.7</b>	<b>760.0</b>	<b>784.2</b>	<b>813.3</b>	
<b>56 CASH BALANCE</b>												
57 Beginning Fiscal Year Cash Balance	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(28.2)	(33.9)	(33.9)	(33.9)	(33.9)
58 Annual Net Change to Cash Balance	(33.9)	0.0	0.0	0.0	0.0	0.0	(28.2)	(5.7)	0.0	0.0	0.0	0.0
59 Ending Fiscal Year Cash Balance	(33.9)	0.0	0.0	0.0	0.0	0.0	(28.2)	(33.9)	(33.9)	(33.9)	(33.9)	(33.9)
60 Subtotal new lines w/o security	826.6	-	60.5	70.4	73.1	75.9	90.3	105.3	112.0	115.8	123.3	123.3
61 Metro operations percent change	21.15%	8.54%	3.58%	3.62%	6.24%	6.53%	6.24%	3.86%	3.86%	3.21%	3.84%	3.84%
62 Revenue Service Hours	1,027,799	1,089,254	1,267,377	1,267,377	1,315,295	1,366,517	1,376,687	1,377,397	1,380,332			
63 Cost per hour	\$360.18	\$371.70	\$384.08	\$397.82	\$412.22	\$422.00	\$432.69	\$446.05	\$460.14	\$476.79		

**NOTES:**

1. Transit Corridor Revenue Operation Dates:

Expo I - 4/12, Expo II - 4/16, Gold Fthl - 4/16, Crenshaw - 10/19,

Reg'l Conn - 10/20, AM/C - 7/23, Purple Ext I - 1/23,

Ext II - 8/25, Ext III - 7/35, West Santa Ana Branch - 7/27,

Green So Bay - 7/35, Gold East Ext II - 7/35.

## Estimated Projected Capital and Rehabilitation Shortfall

**LACMTA Financial Forecasting Model**

**Rail Capital & Transit Corridors Summary**

***LRTP Update 3/31/15***

### ATTACHMENT D-2

(\$ in millions)	Years '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
140 Double Track near Northridge Station (no proj sheet)	63.5	-	63.5	-	-	-	-	-	-	-	-
141 Willowbrook/Rosa Parks Station	19.9	-	3.5	12.0	4.4	-	-	-	-	-	-
142 Transit Oriented Development Planning Grants	19.5	5.3	5.0	4.2	-	-	-	-	-	-	-
143 SCRIP	375.7	-	126.2	118.0	131.5	-	-	-	-	-	-
144 Metrolink (Capital Only)	196.6	39.3	21.3	20.6	16.6 (0.7)	19.9	18.7	19.5	20.3	21.1	
<b>145 Subtotal Other Capital</b>	<b>1,007.9</b>	<b>105.6</b>	<b>334.2</b>	<b>186.0</b>	<b>189.2</b>	<b>35.0</b>	<b>34.9</b>	<b>28.7</b>	<b>22.3</b>	<b>23.1</b>	<b>48.9</b>
<b>146 Subtotal Capital Costs</b>	<b>12,713.1</b>	<b>1,314.5</b>	<b>2,368.3</b>	<b>1,770.1</b>	<b>1,816.6</b>	<b>1,385.7</b>	<b>1,038.6</b>	<b>817.0</b>	<b>692.4</b>	<b>720.1</b>	<b>739.8</b>
147 Contingency (Measure R 2% System Improvements)	-	1.7	(1.7)	(0.0)	0.2	(0.2)	0.0	0.0 (0.0)	-	-	-
148 Metrolink PTC (Measure R 3% PTC 1st priority)	244.4	10.2	10.2	10.3	19.0	44.7	27.8	28.9	30.0	31.1	32.3
149 Contingency not alloc (Measure R 35% Annual Bal)	0.0	0.0	(0.0)	0.0	0.0	11.4 (11.5)	0.0	0.0 (0.0)	0.7	0.7 (0.7)	
<b>150 Total Capital Costs</b>	<b>12,957.6</b>	<b>1,326.4</b>	<b>2,376.9</b>	<b>1,780.4</b>	<b>1,835.8</b>	<b>1,441.6</b>	<b>1,104.9</b>	<b>845.9</b>	<b>722.3</b>	<b>751.9</b>	<b>771.4</b>
<b>151 Financing Payments:</b>											
152 Sr Lien Bonds (Actuals/Trsfy Fcst: Prop A 35% incl fees)	1,272.4	144.3	142.6	143.1	143.2	146.0	145.9	143.4	104.3	104.3	55.2
153 Sr Lien Bonds (Actuals/Trsfy Fcst: Prop C 40% incl fees)	645.6	73.0	71.7	71.4	71.1	70.8	67.3	63.6	64.0	63.6	29.1
154 Addtl Sr. Bonds - Prop A 35% (Model)	158.6	-	-	1.4	9.5	17.6	20.6	20.6	21.4	21.4	38.3
155 Addtl Sr. Bonds - Prop C 40% (Model)	-	-	-	-	-	-	-	-	-	-	-
156 Measure R 35% 2010 Tax Exempt Bonds	120.1	20.0	20.0	20.0	20.0	20.0	20.0	20.0	-	-	-
157 Measure R 35% Tax Exempt Bonds	297.1	-	0.1	26.6	26.6	26.6	26.6	40.8	50.0	50.0	50.0
158 Measure R 35% 2010 BABs	253.3	18.0	18.0	18.0	18.0	18.0	18.0	36.3	36.3	36.3	36.3
159 Measure R 35% TIFIA Loans Debt Service	576.3	0.7	0.1	0.1	0.1	0.1	118.4	107.7	116.4	116.4	116.4
160 Measure R 35% TIFIA DSRF Deposit and Release	84.0	3.1	11.9	12.4	14.8	10.7	40.8 (1.0)	40.8 (2.7)	40.8 (2.8)	40.8 (2.8)	(3.2)
161 Measure R 2% Tax Exempt Bonds Debt Service	123.1	5.5	11.2	11.4	11.4	12.4	12.4	15.4	16.8	16.8	16.8
162 Capital Grant Receipt Revenue Bonds Debt Service	1,000.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
163 Commercial Paper Measure R 35%	260.4	7.1	2.8	58.6	116.5	23.0	-	-	0.7	51.2	0.4
164 Commercial Paper Measure R 2% incl fees	-	-	-	-	-	-	-	-	-	-	-
165 Commercial Paper Prop A 35%	49.5	6.4	5.0	5.0	4.9	4.9	4.8	4.7	4.7	4.6	4.5
<b>166 Subtotal Financing Payments</b>	<b>4,840.3</b>	<b>378.1</b>	<b>377.7</b>	<b>467.8</b>	<b>536.1</b>	<b>449.0</b>	<b>574.9</b>	<b>531.5</b>	<b>511.4</b>	<b>570.1</b>	<b>443.8</b>
<b>167 TOTAL USES</b>	<b>17,797.9</b>	<b>1,704.6</b>	<b>2,754.6</b>	<b>2,248.2</b>	<b>2,371.9</b>	<b>1,890.6</b>	<b>1,679.8</b>	<b>1,377.3</b>	<b>1,233.7</b>	<b>1,321.9</b>	<b>1,215.2</b>
168 Beginning Fiscal Year Cash Balance	54.8	54.8	0.0	0.0	0.0	0.0	0.0	(193.4)	(406.3)	(406.3)	(406.3)
169 Annual Net Change to Cash Balance	(461.1)	(54.8)	(0.0)	(0.0)	0.0	0.0	0.0	(193.5)	(212.8)	0.0	0.0
170 Ending Fiscal Year Cash Balance	(406.3)	0.0	0.0	0.0	0.0	0.0	0.0	(193.4)	(406.3)	(406.3)	(406.3)

## Estimated Costs for Approved and Pending "Betterments"

ATTACHMENT E

(\$ in millions)

	Date	Board Report#	Project	Board Action	Fund Source	Total Amount	New Metro Funds	Cum New Metro Total
1	May 2010	10	I-5/SR-14 HOV Direct Connector	Increased the total programmed budget from \$161.1 M to \$175.8 M with CMAQ funds.	CMAQ	\$ 14.700	\$ 14.700	\$ 14.700
2	May 2010	29	Metro Gold Line Eastside Quad Gates	Establish LOP of \$7.0 million for Phase I	Measure R 2%	\$ 7.000	\$ 7.000	\$ 21.700
3	June 2010	28	Red Line Canopy	Increase project budget by \$638,000	Prop A 35%	\$ 0.638	\$ 0.638	\$ 22.338
4	July 2010	6	Duarte Soundwall	Receive and File Annual Report on Programming Cost Changes - \$900,000 for Caltrans Con Mgt	Prop C	\$ 0.900	\$ 0.900	\$ 23.238
5	July 2010	6	US-101 Freeway Ramp Realignment	Receive and File Annual Report on Programming Cost Changes - \$2.9 M for Claims	Prop C	\$ 2.900	\$ 2.900	\$ 26.138
6	July 2010	12	I-405 HOV from SR-90 to I-10	Approve \$23 M. Could affect the delivery of other future highway projects.	\$19 STIP, \$4 CMAQ	\$ 23.000	\$ 23.000	\$ 49.138
7	July 2010	26	Expo Phase I	Increase LOP for Safety Enhancements	Prop C 25% for FY 11	\$ 36.590	\$ 36.590	\$ 85.728
8	Sept 2010	3	Red Line Universal City Pedestrian Bridge	Increase LOP \$750,000 from \$4.139 M to \$4.889 M	Prop A 35%	\$ 0.750	\$ 0.750	\$ 86.478
9	Sept 2010	30	MBL/MGL Transit Passenger Info System	Establish LOP of \$5,987,180	Prop 1B & Homeland Sec Grant	\$ 5.987	\$ 5.987	\$ 92.465
10	Dec 2010	22	CRD	Increase LOP by \$41.2 M, \$37.2 M of which is new programmed funding	CMAQ	\$ 37.200	\$ 37.200	\$ 129.665
11	Dec 2010	6	Expo Phase I	Increase LOP by \$28.5 M for claims	Prop A 35%	\$ 28.500	\$ 28.500	\$ 158.165
12	Feb 2011	5	I-405 Sepulveda Pass	Increase LOP by \$6 M from \$1.034 to \$1.040 B to be funded by City of LA	City of LA	\$ 6.000	\$ -	\$ 158.165
13	Feb 2011	8	Vanpool Program	Add \$1.5 M to the FY 11 budget	Prop C 25%	\$ 1.500	\$ 1.500	\$ 159.665
14	Feb 2011	12	Expo Phase I	Increase LOP from \$927,390,445 to \$930,625,055 (\$3.175 M)	Culver City	\$ 3.175	\$ -	\$ 159.665
15	Feb 2011	16	I-210 Soundwall (package 4)	Increase LOP from \$17.76 M, to \$22.2 M (\$4.44 M).	Measure R 20%	\$ 4.440	\$ 4.440	\$ 164.105
16	Feb 2011	Closed Session-4	Union Station	Purchase Union Station	Prop A 35%	\$ 75.000	\$ 75.000	\$ 239.105
17	Aug 2011	19	Light Rail Yards	Increase funding for Southwestern Yard	Prop A 35%	\$ 170.000	\$ 170.000	\$ 409.105
18	Oct 2011	28	Patsaouras Plaza	Establish LOP of \$16.8 M, reprogram funds and amend FY 12 budget	Prop C 40% and transfers from other projects	\$ 16.800	\$ 0.500	\$ 409.605
19	Nov 2011	12	TOD Grants	Award \$5 M in Transit Oriented Development Grants to 5 jurisdictions	Measure R 2%	\$ 5.000	\$ 5.000	\$ 414.605
20	Jan 2012	55	Bus Procurement	Increase LOP from \$70 M to \$86,830,211	Prop 1B PTMSEA, FTA	\$ 16.800	\$ 16.800	\$ 431.405
21	Jan 2012	56	Silver Line Revitalization Program	Establish LOP of \$7,845,000	5307 and Prop C40%/TDA/ Prop A	\$ 7.850	\$ 7.850	\$ 439.255
22	April 2012	65	Access Services	Increase FY 13 budget by \$6,962,500 to total \$56,962,500	Prop C 40%	\$ 6.963	\$ 6.963	\$ 446.218

## Estimated Costs for Approved and Pending "Betterments"

ATTACHMENT E

(\$ in millions)

Date	Board Report#	Project	Board Action	Fund Source	Total Amount	New Metro Funds	Cum New Metro Total
23 April 2012 Special Meeting	1	LRV P3010 Procurement	Increase LOP from \$335,410,000 to \$342,350,000	Measure R 35%, Prop C 25%, local agency, Prop A 35%, PTMISEA, RIP, CMAQ, RSTP	\$ 6.940	\$ 6.940	\$ 453.158
24 June 2012	45	Red Line Universal City Station Pedestrian Bridge	Authorize a Life-of-Project budget increase from \$4,139,000 to \$23,139,000	Prop A 35%	\$ 19.000	\$ 19.000	\$ 472.158
25 June 2012	47	Eastern Rail Yard	Acknowledge cost estimate increase of \$12,000,000 to new total of \$276,583,167.	25% from GLF project (\$3 M increase)	\$ 12.000	\$ -	\$ 472.158
26 June 2012	47	Eastern Rail Yard	Establish LOP for Metro's 75% share of \$207,437,375	Prop A 35%	\$ 8.520	\$ 8.520	\$ 480.678
27 Oct 2012	34	North Hollywood Pedestrian Connector	Increase LOP from \$17 M to \$22 M	5309 Bus, Prop A 35, TDA4	\$ 5.000	\$ 5.000	\$ 485.678
28 Dec 2012	14	Crenshaw/LAX	Increase LOP by \$13.9 M from \$1749 to \$1762.9	TIGER II	\$ 13.900	\$ -	\$ 485.678
29 Dec 2012	37	Blue Line Pedestrian Gates	Increase LOP by \$6,780,000 from \$920,000 to \$7,700,000	Meas R 2%	\$ 6.780	\$ 6.780	\$ 492.458
30 Dec 2012	43	Red Line Damper Replacement	Increase LOP by \$1,200,000 from \$1.5 M to \$2.7 M	Prop A 35%	\$ 1.200	\$ 1.200	\$ 493.658
31 Jan 2013	54	550 Replacement Buses	Increase LOP by \$7,873,000 from \$297,070,000 to \$304,943,000	\$7.783 from Prop C 40%, TDA4, Meas R 35%	\$ 7.873	\$ 7.873	\$ 501.531
32 Feb 2013	44	I-405 Sepulveda Pass Improvements	Decrease LOP by \$3.4 M from \$1,048 M to \$1,044.6 M; Increase LOP by \$26.1 M from \$1,044.6 M to \$1,070.7 M	City of LA, CMIA	\$ 22.700	\$ -	\$ 501.531
33 April 2013	31	Div 11 Body Shop Ventilation	Increase LOP by \$1,650,000 from \$550,000 to \$2,200,000	Prop A 35%	\$ 1.650	\$ 1.650	\$ 503.181
34 April 2013	33	Blue Line Signal Rehab	Increase LOP by \$63,180,000 from \$820,000 to \$64,000,000	Prop A 35%	\$ 63.180	\$ 63.180	\$ 566.361
35 April 2013	42	Division 13	Increase LOP by \$9.2 M from \$95M to \$104.2M; reallocate \$9.2 M TDA4 from Div 2 LOP	TDA4	\$ 9.200	\$ -	\$ 566.361
36 June 2013	12 & 70	Westside Subway Extension Section 1	Approve LRTP financial forecast including \$73.11 M to cover cost increases; transfer \$73.11 M from major Wilshire BRT project	Lease Revs	\$ 73.110	\$ -	\$ 566.361
37 June 2013	12 & 70	Regional Connector	Approve LRTP financial forecast including \$32.0 M to cover cost increases; transfer \$32.0 M from major Wilshire BRT project	Lease Revs	\$ 32.000	\$ -	\$ 566.361
38 June 2013	52, 12, 70	Crenshaw/LAX	Approve LRTP financial forecast including \$160 M; Increase LOP by \$160.1 M from \$1,762.9 M to \$1,923.0 M	Prop C 25%, Prop C 40%	\$ 160.100	\$ 149.910	\$ 716.271
39 June 2013	52 & 70	Crenshaw/LAX	Increase LOP by \$135.0 M from \$1,923.0 M to \$2,058.0 M	City of LA, GF	\$ 135.000	\$ 80.000	\$ 796.271
40 June 2013	55 & 70	I-405 Sepulveda Pass Improvements	Increase LOP by \$78.7 M from \$1,070.7 M to \$1,149.4 M	Prop C 25%, Others	\$ 78.700	\$ 75.000	\$ 871.271
41 July 2013	34	Light Rail Vehicles Options	Increase LOP by \$396.65 M from \$342.35 M to \$739.0 M.	RIP, CMAQ, project budgets	\$ 396.650	\$ 298.325	\$ 1,169.596
42 Sept 2013	26	Blue Line Turnout Rehab	Increase LOP by \$650,000 from \$2.35 M to \$3.0 M	Prop A 35%	\$ 0.650	\$ 0.650	\$ 1,170.246

## Estimated Costs for Approved and Pending "Betterments"

ATTACHMENT E

(\$ in millions)

Date	Board Report#	Project	Board Action	Fund Source	Total Amount	New Metro Funds	Cum New Metro Total
43 Sept 2013	38	Expo Phase I	Increase LOP by \$39 M from \$932.0 M to \$971.0 M; transfer from Expo 2	Prop C 25%	\$ 39.000	\$ -	\$ 1,170.246
44 Oct 2013	47	Universal Station Pedestrian Bridge	Increase LOP by \$7.8 M from \$19.5 M to \$27.3 M	Prop A 35%; NBC, transfer from Orange Line savings	\$ 7.800	\$ 1.400	\$ 1,171.646
44 Jan 2014	39	Rail Station Refurbishments	Establish BL Station Refurb LOP of \$33,430,000; decrease LOP of Rail Station Refurb by \$17,000,000 from \$21,500,000 to \$4,500,000	Prop A 35%, Prop A 40%	\$ 16.430	\$ 16.430	\$ 1,188.076
<b>Subtotal since LRTP, through SRTP</b>					<b>\$ 1,589.076</b>	<b>\$ 1,188.076</b>	
44 Jan 2014	44	Patsaouras Plaza Busway Station	Increase LOP by \$14,181,000 from \$16,803,000 to \$30,984,000	Prop C 25%	\$ 14.181	\$ 14.181	\$ 1,202.257
44 Apr 2014	49	Expo II Betterments	Establish separate project and establish LOP of \$3.9 M	Measure R 35%	\$ 3.900	\$ 3.900	\$ 1,206.157
49 Apr 2014	65	Willowbrook/Rosa Parks Station (405555)	Approve \$4 M for PE, commit up to \$16 M local match for TIGER grant application	Measure R 2%, Prop C 5%, Admin \$0.2; TIGER grant	\$ 20.000	\$ 20.000	\$ 1,226.157
50 Apr 2014	73	Regional Connector	Establish LOP of \$1,420,016,799 and LOP of \$39,991,168	Measure R 2%, Lease revs, Repay Cap Proj	\$ 60.500	\$ 60.500	\$ 1,286.657
51 May 2014	10	Intelligent Video Upgrade	Revise LOP by \$286,468, from \$734,364 to \$1,020,832	TDA4	\$ 0.286	\$ 0.286	\$ 1,286.943
52 May 2014	10	Tunnel and Bridge Security	Revise LOP by \$109,114, from \$1,400,000 to \$1,509,114	TDA4	\$ 0.109	\$ 0.109	\$ 1,287.052
53 May 2014	52	Access Services Free Fare Program	Approve \$2,046,000 paid to SCRRRA	Prop C 10%	\$ 2.046	\$ 2.046	\$ 1,289.098
54 July 2014	56	Purple Line Extension Section 1	Establish LOP of \$2,773,879,593 including cost increase of \$288,170,284 relative to LRTP	Measure R 35%	\$ 288.170	\$ 288.170	\$ 1,577.268
55 July 2014	53	Division 22 Green Line Storage Bldg	Increase LOP by \$291,395 from \$1,192,272 to \$1,483,667	Prop A 35%	\$ 0.291	\$ 0.291	\$ 1,577.559
56 Sept 2014	51	Bus Division 13	Authorize LOP increase of \$16,142,000 from \$104,200,000 to \$120,342,000	Prop 1B PTMISEA	\$ 16.142	\$ 16.142	\$ 1,593.701
57 Sept 2014	41	Fare Gate Project	Increase Life of Project Budget by \$5,491,800 from \$9,495,000 to \$14,986,800	Measure R 2%	\$ 5.492	\$ 5.492	\$ 1,599.193
58 Sept 2014	8	Umbrella Insurance Program	Authorize \$20.9 M. Amend FY15 budget for \$10.3 M from Prop C 25% for Crenshaw, Expo II, and GLF. Increase RC and WPLE LOP budgets for \$10.6 M from Measure R funds in FY16.	Prop C 25%, Measure R 35% project budget	\$ 20.900	\$ 20.900	\$ 1,620.093
59 Sept 2014	20	Sustainable Parking Demo Project at North Hollywood Red Line Station	Authorize LOP of \$1.4 M	Prop C 10%	\$ 1.400	\$ 1.400	\$ 1,621.493
60 Sept 2014	27	LA River Bikeway Connection	Conduct feasibility study	Props A and C Admin	\$ 0.100	\$ 0.100	\$ 1,621.593
61 Sept 2014	72	Purple Line Extension Section 2	Approve finance plan for cost increase of \$374.3 M	New Starts	\$ 374.300	TBD	\$ 1,621.593

## Estimated Costs for Approved and Pending "Betterments"

ATTACHMENT E

(\$ in millions)

Date	Board Report#	Project	Board Action	Fund Source	Total Amount	New Metro Funds	Cum New Metro Total
62 Sept 2014	34	ExpressLanes Toll Revenue Reinvestment	Approve \$875,000 in project funding for the I-10 projects; allocate \$875,000 into a reserve fund for the I-110, and allocate up to \$1.75 million of Measure R 3% commuter rail funding	\$875,000 Toll revenues and \$875,000 Measure R 3%	\$ 1.750	\$ -	\$ 1,621.593
63 Sept 2014	19	Union Station security	Approve programming up to \$6.3 M of Homeland Security Transit Security grants	Homeland Security Transit Security Grant	\$ 6.285	\$ -	\$ 1,621.593
64 Sept 2014	23	The Bloc/Metro Connection (pedestrian passageway)	Establish new capital project for FY15 of \$400,000	Prop C 10%	\$ 0.400	\$ 0.400	\$ 1,621.993
65 Sept 2014	26	Potential Ballot Measure	Amend FY15 budget to add \$550,000 to evaluate measure	Prop A/C Admin	\$ 0.550	\$ 0.550	\$ 1,622.543
66 Sept 2014	57	Business Interruption Fund	Establish a pilot program along Crenshaw line, within Little Tokyo, and Phase I of the Purple Line Extension; identify and designate \$10,000,000 of Metro funds annually.	TBD	\$ 80.000	\$ 80.000	\$ 1,702.543
67 Oct 2014	11	Bicycle Model Development	Motion to amend the budget to provide necessary funding for remainder of FY15 to develop modeling capability; \$1.5 million.	TBD	\$ 1.500	\$ 1.500	\$ 1,704.043
68 Oct 2014	19	Union Station Master Plan	Authorize up to \$400,000 in matching funds for Ladders of Opportunity grant and amend FY15 budget to add \$200,000 if the grant is awarded.	TBD	\$ 0.400	\$ 0.400	\$ 1,704.443
69 Oct 2014	20	Rail to River Bikeway study	Amend FY15 budget by \$2,850,000	Prop A/C/ Meas R/TDA Admin fund balance	\$ 2.850	\$ 2.850	\$ 1,707.293
70 Oct 2014	37	Video Security System Enhancement	Increase LOP by \$1,460,246 from \$1,500,000 to \$2,960,246	TDA4 and Transit Security Grants	\$ 1.460	\$ 0.100	\$ 1,707.393
71 Nov 2014	40	I-5 North Construction Mitigation Transit Service	Explore new service and explore funding sources	TBD	TBD	TBD	\$ 1,707.393
72 Nov 2014	56	Airport Metro Connector	Approve acceleration of up to \$33.3 million in CMAQ and Measure R 35% for the AMC	CMAQ, Measure R 35%	\$ 33.200	\$ 33.200	\$ 1,740.593
73 Nov 2014	57	Wayfinding Signage Grant Program	Create 2-year pilot program of \$500,000 beginning in FY16	TBD	\$ 1.000	\$ 1.000	\$ 1,741.593
74 12/4/2014	11	Red Line Seg 2 Close-out	Increase LOP by \$6,500,000 from \$22,867,000 to \$29,367,000; Amend FY15 budget to add \$5,071,000	Prop A 35%	\$ 6.500	\$ 6.500	\$ 1,748.093
75 12/4/2014	14	Metrolink Antelope Valley Line fare enforcement	Motion to allocate \$1.7 M from PC10 or MR3% to ensure 100% fare enforcement on Antelope Valley line thru June 2015	Prop C 10%	\$ 1.700	\$ 1.700	\$ 1,749.793
76 Jan 2015	54	Red Line Escalator at Pershing Square	Increase LOP by \$8,256,000 from \$12,500,000 to \$20,756,000	Prop A 35%	\$ 8.256	\$ 8.256	\$ 1,758.049

## Estimated Costs for Approved and Pending "Betterments"

ATTACHMENT E

(\$ in millions)

Date	Board Report#	Project	Board Action	Fund Source	Total Amount	New Metro Funds	Cum New Metro Total
77 Mar 2015	51, 51.1	Affordable Housing Revolving Loan Fund	Report back on the feasibility to budget \$2 million annually for 5 years, up to \$10 million	Cap and Trade Affordable Housing funds	\$ 10.000	\$ 10.000	\$ 1,768.049
78 Apr 2015	18	I-10 HOV Lanes from Citrus to SR-57	Authorize CEO to negotiate an agreement with Caltrans to program an additional \$10,279,000	CMAQ	\$ 10.279	\$ 10.279	\$ 1,778.328
79 Apr 2015	21	The Bloc/Metro Connection (pedestrian passageway)	Authorize LOP of \$4,650,000; amend FY16 budget by adding \$4,250,000 (also see line #18 above)	Gen Fund/ Lease Revs	\$ 4.250	\$ 4.250	\$ 1,782.578
80 Apr 2015	37	Light Rail Vehicles P3010, Options 2 and 3, 60 vehicles	Increase LOP by \$263,000,000; amend and increase FY16 budget by \$10,000,000	Prop A 35%/ RIP; future available local/state/fed	\$ 263.000	\$ 114.000	\$ 1,896.578
81 Apr 2015	51	North Hollywood Orange Line to Red Line Pedestrian Underpass	Increase LOP by \$1,077,401 from \$22,000,000 to \$23,077,401 for 3 new TVMs, etc.	TDA4	\$ 1.077	\$ 1.077	\$ 1,897.656
82 May TBD		I-405 Carpool Lane I-10 to US-101 (claim)		Prop C 25%/ CMAQ/RSTP	\$ 115.000	* \$ 25.000	\$ 1,922.656
83 May TBD		Southwestern Yard		Prop A 35%	\$ 22.000	\$ 11.200	\$ 1,933.856
84 TBD		I-5 North, SR-134 to SR-170		Measure R 20%	\$ 25.500	TBD	\$ 1,897.656
85 TBD		I-5 South, I-605 to Orange County Line		State ROW reimb, MR 20%	\$ 46.000	TBD	\$ 1,897.656
86 TBD		I-10 Carpool Lane from I-605 to Puente		Prop C 25%	\$ 14.900	TBD	\$ 1,897.656
87 TBD		Call for Projects ATP		TBD	TBD	TBD	\$ 1,933.856
88 TBD		Access Services		Prop C 40%	TBD	TBD	\$ 1,933.856
89 TBD		Emergency Operation Center, in addition to Prop 1B grant needed over the next 3 years		TBD	TBD	TBD	\$ 1,933.856
90 TBD		Airport Metro Connector		Meas. R 35%, Prop A 35%, CMAQ/RSTP	\$ 195.700	\$ 195.700	\$ 2,129.656
91 TBD		Westside Purple Line Section 2, add back 10 cars		New Starts, Measure R 35%	\$ 55.000	\$ 55.000	\$ 2,184.656
92 TBD		Southern Calif. Regional Interconnector Project (SCRIP)		TBD	\$ 239.300	\$ 239.300	\$ 2,423.956
93	<b>Subtotal since SRTP</b>				<b>\$ 1,955.675</b>	<b>\$1,235.780</b>	
94	<b>Total</b>				<b>\$ 3,544.851</b>	<b>\$2,423.956</b>	

\*\$90 million was assumed in the financial forecast update based on an expected Board item which was deferred.

**Inventory of Debt and Debt Service Commitments Pertaining to Proposition A, Proposition C, and Measure R**
**ATTACHMENT F**

(\$millions)	<b>Policy Limit</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>FY19</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>Total</b>
Proposition A-Total (assumes 3.5% growth)		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1005.38	7,916.35
<b>Proposition A 35% Debt Policy</b>											
Proposition A 35%		<u>267.23</u>	<u>276.58</u>	<u>286.26</u>	<u>296.28</u>	<u>306.65</u>	<u>317.38</u>	<u>328.49</u>	<u>339.98</u>	<u>351.88</u>	<u>2,770.72</u>
Maximum Available for Debt Service	87.00%	232.49	240.62	249.04	257.76	266.78	276.12	285.78	295.79	306.14	2,410.53
Existing Debt Commitments		<u>137.23</u>	<u>137.83</u>	<u>137.94</u>	<u>140.77</u>	<u>140.76</u>	<u>138.23</u>	<u>99.28</u>	<u>99.26</u>	<u>50.28</u>	<u>1,081.57</u>
Available for Future Debt Service		95.26	102.79	111.10	116.99	126.02	137.89	186.51	196.53	255.86	1,328.96
<b>Proposition A 40% Debt Policy</b>											
Proposition A 40%		<u>305.40</u>	<u>316.09</u>	<u>327.15</u>	<u>338.60</u>	<u>350.45</u>	<u>362.72</u>	<u>375.41</u>	<u>388.55</u>	<u>402.15</u>	<u>3,166.54</u>
Maximum Available for Debt Service	Further	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Existing Debt Commitments	Finance	<u>4.02</u>	<u>4.03</u>	<u>4.02</u>	<u>4.02</u>	<u>4.02</u>	<u>3.65</u>	<u>3.65</u>	<u>3.65</u>	<u>34.71</u>	
Available for Future Debt Service		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Proposition C-Total (assumes 3.5% growth)</b>											
Proposition C-Total (assumes 3.5% growth)		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1005.38	7,916.35
<b>Proposition C 40%</b>											
Proposition C 40%		<u>305.40</u>	<u>316.09</u>	<u>327.15</u>	<u>338.60</u>	<u>350.45</u>	<u>362.72</u>	<u>375.41</u>	<u>388.55</u>	<u>402.15</u>	<u>3,166.54</u>
Maximum Available for Debt Service	40.00%	116	126.44	130.86	135.4	145.09	150.17	155.42	160.86	1,266.62	
Existing Debt Commitments		<u>69.08</u>	<u>68.77</u>	<u>68.04</u>	<u>68.04</u>	<u>61.28</u>	<u>61.28</u>	<u>61.75</u>	<u>26.82</u>	<u>551.90</u>	
Available for Future Debt Service		57.35	62.09	67.51	55.14	83.81	88.89	93.67	134.04	714.72	
<b>Proposition C 25%</b>											
Proposition C 25%		<u>190.56</u>	<u>204.47</u>	<u>219.03</u>	<u>226.70</u>	<u>234.63</u>	<u>242.85</u>	<u>251.35</u>	<u>1,979.09</u>		
Maximum Available for Debt Service	60.00%	114.5	122.0	131.42	136.02	140.78	145.71	150.81	1,187.45		
Existing Debt Commitments		<u>54.87</u>	<u>55.48</u>	<u>48.81</u>	<u>53.64</u>	<u>53.50</u>	<u>53.46</u>	<u>53.43</u>	<u>37.95</u>	<u>471.30</u>	
Available for Future Debt Service		59.66	72.17	77.78	82.52	87.32	92.28	112.86	716.15		
<b>Proposition C 10%</b>											
Proposition C 10%		<u>76.35</u>	<u>79.92</u>	<u>84.65</u>	<u>87.61</u>	<u>90.68</u>	<u>93.85</u>	<u>97.14</u>	<u>100.54</u>	<u>791.63</u>	
Maximum Available for Debt Service	40.00%	30.54	33.86	35.05	36.27	37.54	38.86	40.22	316.65		
Existing Debt Commitments		<u>11.00</u>	<u>10.79</u>	<u>10.72</u>	<u>9.93</u>	<u>9.96</u>	<u>10.07</u>	<u>3.49</u>	<u>87.76</u>		
Available for Future Debt Service		19.54	24.33	26.34	27.59	28.79	36.72	228.90			
<b>Measure R-Total (assumes 3.5% growth)</b>											
Measure R-Total (assumes 3.5% growth)		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1005.38	7,916.35
<b>Measure R 35%</b>											
Measure R 35%		<u>267.23</u>	<u>276.58</u>	<u>286.26</u>	<u>296.28</u>	<u>306.65</u>	<u>317.38</u>	<u>328.49</u>	<u>339.98</u>	<u>351.88</u>	<u>2,770.72</u>
Maximum Available for Debt Service	87.00%	232.49	240.62	249.04	257.76	266.78	276.12	285.78	295.79	306.14	2,410.53
Existing Debt Commitments (incl TIFIA)		<u>160.53</u>	<u>46.52</u>	<u>46.52</u>	<u>46.52</u>	<u>130.49</u>	<u>138.91</u>	<u>138.62</u>	<u>138.29</u>	<u>879.30</u>	
Available for Future Debt Service		181.96	194.10	202.52	211.24	245.63	146.87	157.17	167.85	1,531.22	
<b>Measure R 20%</b>											
Measure R 20%		<u>152.70</u>	<u>158.04</u>	<u>163.58</u>	<u>169.30</u>	<u>175.00</u>	<u>187.71</u>	<u>194.28</u>	<u>201.08</u>	<u>1,583.27</u>	
Maximum Available for Debt Service	87.00%	91.62	94.83	98.15	101.58	105.14	112.62	116.57	120.65	949.96	
Existing Debt Commitments		<u>0.00</u>	<u>0.00</u>								
Available for Future Debt Service		91.62	94.83	98.15	101.58	105.14	126.26	116.57	120.65	949.96	
<b>Measure R 2%</b>											
Measure R 2%		<u>15.27</u>	<u>15.80</u>	<u>16.36</u>	<u>16.93</u>	<u>17.52</u>	<u>18.14</u>	<u>18.77</u>	<u>19.43</u>	<u>20.11</u>	<u>158.33</u>
Maximum Available for Debt Service	87.00%	13.28	13.75	14.23	14.73	15.24	15.78	16.33	16.90	17.49	137.74
Existing Debt Commitments		<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>8.86</u>	<u>8.80</u>	<u>8.74</u>	<u>8.68</u>	<u>70.81</u>
Available for Future Debt Service		6.14	6.60	7.09	7.58	8.10	6.92	7.53	8.16	8.81	66.94
<b>Measure R 3%</b>											
Measure R 3%		<u>15.27</u>	<u>15.80</u>	<u>16.36</u>	<u>16.93</u>	<u>17.52</u>	<u>18.14</u>	<u>18.77</u>	<u>19.43</u>	<u>20.11</u>	<u>158.33</u>
Maximum Available for Debt Service	87.00%	13.28	13.75	14.23	14.73	15.24	15.78	16.33	16.90	17.49	137.74
Existing Debt Commitments		<u>0.00</u>	<u>0.00</u>	<u>0.00</u>							
Available for Future Debt Service		13.28	13.75	14.23	14.73	15.24	15.78	16.33	16.90	17.49	137.74

**Inventory of Debt and Debt Service Commitments Pertaining to Proposition A, Proposition C, and Measure R**

**ATTACHMENT F**

**Projected Debt Capacity and Issuance**

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1,005.38	7,916.35
<b>Proposition A-Gross Revenues (assumes 3.5% growth)</b>											
<b>Proposition A 35% Debt Policy</b>											
Maximum Available for Debt Service		<u>253.86</u>	<u>262.75</u>	<u>271.95</u>	<u>281.46</u>	<u>291.31</u>	<u>301.51</u>	<u>312.06</u>	<u>322.99</u>	<u>334.29</u>	<u>2,632.19</u>
Existing Debt Commitments	87.00%	220.86	228.59	236.59	244.87	253.44	262.31	271.50	281.00	290.83	2,290.00
Remaining Residual Proposition A 35%		<u>137.23</u>	<u>137.83</u>	<u>137.94</u>	<u>140.77</u>	<u>140.76</u>	<u>138.23</u>	<u>99.28</u>	<u>99.26</u>	<u>50.28</u>	<u>1,081.57</u>
Projected Payment (Debt Service)		83.64	90.76	98.65	104.10	112.68	124.09	172.22	181.74	240.55	1,208.43
Revenues Available for Debt Service		0.00	19.16	18.77	18.77	18.77	18.77	53.87	53.14	53.14	254.39
<b>Annual Debt Service Coverage Ratio</b>											
Min 1.15	<b>1.85</b>	<b>1.67</b>	<b>1.74</b>	<b>1.76</b>	<b>1.83</b>	<b>1.92</b>	<b>2.04</b>	<b>2.12</b>	<b>3.23</b>		
Maximum Annual Bond Issuance Permitted <sup>1</sup>		1,226.11									
											2,747.49

**Proposition A 40% Debt Policy**

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1,005.38	7,916.35
<b>Proposition A-Gross Revenues (assumes 3.5% growth)</b>											
<b>Proposition A 40% Revenues (net of 5% Admin)</b>											
Maximum Available for Debt Service		<u>290.13</u>	<u>300.28</u>	<u>310.79</u>	<u>321.67</u>	<u>332.93</u>	<u>344.58</u>	<u>356.64</u>	<u>369.13</u>	<u>382.05</u>	<u>3,008.21</u>
Existing Debt Commitments	No Further Issuance	N/A									
Remaining Residual Proposition A 40%		<u>4.02</u>	<u>4.03</u>	<u>4.02</u>	<u>4.02</u>	<u>4.02</u>	<u>3.65</u>	<u>3.65</u>	<u>3.65</u>	<u>3.65</u>	<u>34.71</u>
Projected Payment (Debt Service)		N/A									
Revenues Available for Debt Service		N/A									
<b>Annual Debt Service Coverage Ratio</b>											
Maximum Annual Bond Issuance Permitted <sup>1</sup>		N/A									

**Proposition C-Gross Revenues (assumes 3.5% growth)**

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
		763.50	790.22	817.88	846.51	876.13	906.80	938.54	971.39	1,005.38	7,916.35
<b>Proposition C 10% Debt Policy</b>											
Position C 10% Revenues (net of 1.5% Admin)		<u>75.20</u>	<u>77.84</u>	<u>80.56</u>	<u>83.38</u>	<u>86.30</u>	<u>89.32</u>	<u>92.45</u>	<u>95.68</u>	<u>99.03</u>	<u>779.76</u>
Maximum Available for Debt Service	40.00%	30.08	31.13	32.22	33.35	34.52	35.73	36.98	38.27	39.61	311.90
Existing Debt Commitments		<u>11.00</u>	<u>10.93</u>	<u>10.86</u>	<u>10.79</u>	<u>10.72</u>	<u>9.93</u>	<u>9.96</u>	<u>10.07</u>	<u>3.49</u>	<u>87.76</u>
Remaining Residual Proposition C 10%		19.08	20.20	21.36	22.56	23.80	25.79	27.02	28.21	36.12	224.15
Projected Payment (Debt Service)		0.00	2.90	2.84	2.84	5.58	5.52	5.53	8.46	8.40	42.09
Revenues Available for Debt Service		19.08	17.30	18.52	19.71	18.22	20.27	21.50	19.75	27.71	
<b>Annual Debt Service Coverage Ratio</b>		<b>6.83</b>	<b>5.63</b>	<b>5.88</b>	<b>6.11</b>	<b>5.30</b>	<b>5.78</b>	<b>5.97</b>	<b>5.16</b>	<b>8.32</b>	
Maximum Annual Bond Issuance Permitted <sup>1</sup>		279.67									406.29

**Inventory of Debt and Debt Service Commitments Pertaining to Proposition A, Proposition C, and Measure R**  
**Projected Debt Capacity and Issuance**  
 (\$millions)

**ATTACHMENT F**

Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Proposition C 40% Debt Policy</b>										
Proposition C 40% Revenues (net of 1.5% Admin)										
Maximum Available for Debt Service	300.82	311.35	322.24	333.52	345.20	357.28	369.78	382.73	396.12	3,119.04
Existing Debt Commitments	120.33	124.54	128.90	133.41	138.08	142.91	147.91	153.09	158.45	1,247.62
Remaining Residual Proposition C 40%	69.42	69.08	68.77	68.47	65.04	61.28	61.28	61.75	26.82	551.90
Projected Payment (Debt Service)	50.91	55.46	60.13	64.94	73.04	81.64	86.63	91.34	131.63	695.72
Revenues Available for Debt Service	0.00	0.00	0.00	0.00	5.30	5.07	5.07	12.42	12.09	39.96
<b>Annual Debt Service Coverage Ratio</b>	<b>Min 2.50</b>	<b>4.33</b>	<b>4.51</b>	<b>4.69</b>	<b>4.87</b>	<b>4.91</b>	<b>5.39</b>	<b>5.57</b>	<b>5.16</b>	<b>10.18</b>
Maximum Annual Bond Issuance Permitted <sup>1</sup>	746.32									1,752.41

Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Proposition C 25% Debt Policy</b>										
Proposition C 25% Revenues (net of 1.5% Admin)										
Maximum Available for Debt Service	188.01	194.59	201.40	208.45	215.75	223.30	231.11	239.20	247.58	1,949.40
Existing Debt Commitments	112.81	116.76	120.84	125.07	129.45	133.98	138.67	143.52	148.55	1,169.64
Remaining Residual Proposition C 25%	54.87	54.84	54.81	54.81	53.64	53.50	53.46	53.43	37.95	471.30
Projected Payment (Debt Service)	57.94	61.92	66.03	70.26	75.81	80.48	85.21	90.10	110.60	698.34
Revenues Available for Debt Service	0.00	19.76	19.35	53.50	52.79	77.87	77.35	105.32	483.29	
<b>Annual Debt Service Coverage Ratio</b>	<b>Min 1.67</b>	<b>3.43</b>	<b>2.61</b>	<b>2.72</b>	<b>1.92</b>	<b>2.03</b>	<b>1.70</b>	<b>1.77</b>	<b>1.83</b>	<b>1.73</b>
Maximum Annual Bond Issuance Permitted <sup>1</sup>	849.40									77.38

Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Measure R 35% Debt Policy</b>										
Measure R 35% Revenues (net of 1.5% Admin)										
Maximum Available for Debt Service	263.22	272.43	281.96	291.83	302.05	312.62	323.56	334.89	346.61	2,729.16
Existing Debt Commitments (incl TIFIA)	229.00	237.01	245.31	253.89	262.78	271.98	281.50	291.35	301.55	2,374.37
Remaining Residual Measure R 35%	50.53	46.52	46.52	46.52	142.90	130.49	138.91	138.62	138.29	879.30
Projected Payment (Debt Service)	178.47	190.49	198.78	207.37	119.88	141.49	142.59	152.73	163.25	1,495.07
Revenues Available for Debt Service	0.00	21.27	20.82	20.82	20.82	37.08	36.74	36.74	36.74	231.03
<b>Annual Debt Service Coverage Ratio</b>	<b>Min 1.15</b>	<b>5.21</b>	<b>4.02</b>	<b>4.19</b>	<b>4.33</b>	<b>1.84</b>	<b>1.87</b>	<b>1.84</b>	<b>1.91</b>	<b>1.98</b>
Maximum Annual Bond Issuance Permitted <sup>2</sup>	1,096.33									1,222.84

**Inventory of Debt and Debt Service Commitments Pertaining to Proposition A, Proposition C, and Measure R**  
**Projected Debt Capacity and Issuance**  
(\$millions)

**ATTACHMENT F**

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Measure R 20% Debt Policy</b>											
Measure R 20% Revenues (net of 1.5% Admin)											
Maximum Available for Debt Service		<u>150.41</u>	<u>155.67</u>	<u>161.12</u>	<u>166.76</u>	<u>172.60</u>	<u>178.64</u>	<u>184.89</u>	<u>191.36</u>	<u>198.06</u>	<u>1,559.52</u>
Existing Debt Commitments	60.00%	90.25	93.40	96.67	100.06	103.56	107.18	110.94	114.82	118.84	935.71
Remaining Residual Measure R 20%		<u>0.00</u>									
Projected Payment (Debt Service)		90.25	93.40	96.67	100.06	103.56	107.18	110.94	114.82	118.84	935.71
Revenues Available for Debt Service		<u>0.00</u>	<u>0.00</u>	<u>23.05</u>	<u>22.57</u>	<u>22.57</u>	<u>39.36</u>	<u>39.01</u>	<u>59.17</u>	<u>58.75</u>	<u>264.48</u>
<b>Annual Debt Service Coverage Ratio</b>											
Min 1.67	N/A	<u>90.25</u>	<u>93.40</u>	<u>73.63</u>	<u>77.49</u>	<u>80.99</u>	<u>67.82</u>	<u>71.92</u>	<u>55.64</u>	<u>60.08</u>	
Maximum Annual Bond Issuance Permitted <sup>2</sup>		1,149.10		<b>7.39</b>	<b>7.65</b>	<b>4.54</b>	<b>4.74</b>	<b>3.23</b>	<b>3.37</b>		
											580.73

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Measure R 2% Debt Policy</b>											
Measure R 2% Revenues (net of 1.5% Admin)											
Maximum Available for Debt Service		<u>15.04</u>	<u>15.57</u>	<u>16.11</u>	<u>16.68</u>	<u>17.26</u>	<u>17.86</u>	<u>18.49</u>	<u>19.14</u>	<u>19.81</u>	<u>155.95</u>
Existing Debt Commitments	87.00%	13.09	13.54	14.02	14.51	15.02	15.54	16.09	16.65	17.23	135.68
Remaining Residual Measure R 2%		<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.15</u>	<u>7.36</u>	<u>7.87</u>	<u>8.86</u>	<u>8.80</u>	<u>8.74</u>	<u>8.68</u>
Projected Payment (Debt Service)		5.94	6.40	6.87	7.36	7.87	6.69	7.28	7.91	8.55	64.87
Revenues Available for Debt Service		<u>0.00</u>	<u>4.79</u>	<u>4.69</u>	<u>4.69</u>	<u>6.30</u>	<u>6.26</u>	<u>7.23</u>	<u>7.21</u>	<u>7.21</u>	<u>48.38</u>
<b>Annual Debt Service Coverage Ratio</b>											
Min 1.15	<b>2.10</b>	<b>1.30</b>	<b>1.36</b>	<b>1.41</b>	<b>1.28</b>	<b>1.18</b>	<b>1.15</b>	<b>1.20</b>	<b>1.25</b>		
Maximum Annual Bond Issuance Permitted <sup>2</sup>		53.86									12.99

	Policy Limit	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	TOTAL
<b>Measure R 3% Debt Policy</b>											
Measure R 3% Revenues (net of 1.5% Admin)											
Maximum Available for Debt Service		<u>15.04</u>	<u>15.57</u>	<u>16.11</u>	<u>16.68</u>	<u>17.26</u>	<u>17.86</u>	<u>18.49</u>	<u>19.14</u>	<u>19.81</u>	<u>155.95</u>
Existing Debt Commitments	87.00%	13.09	13.54	14.02	14.51	15.02	15.54	16.09	16.65	17.23	135.68
Remaining Residual Measure R 3%		<u>0.00</u>									
Projected Payment (Debt Service)		13.09	13.54	14.02	14.51	15.02	15.54	16.09	16.65	17.23	135.68
Revenues Available for Debt Service		<u>0.00</u>									
<b>Annual Debt Service Coverage Ratio</b>											
Min 1.15	<b>N/A</b>	<b>166.55</b>									
Maximum Annual Bond Issuance Permitted <sup>2</sup>		166.62									

<sup>1</sup>Total amount of bonds that could be issued under Debt Policy limitations. Assumes 30 year amortization of debt at 4.5%

<sup>2</sup>Total amount of bonds that could be issued under Debt Policy limitations. Assumes amortization of debt at 4.5% over remaining life of Measure R tax

## Summary of New Debt Financing

LRTP Update 3/31/15

	Years '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
<b>(\$ in millions)</b>											
Rail, Proposition A 35% Gross	950.5	-	23.6	130.8	131.8	49.4	-	12.2	128.8	147.0	326.9
<b>Rail, Proposition A 35% Net</b>	<b>878.9</b>	<b>-</b>	<b>21.8</b>	<b>120.9</b>	<b>121.9</b>	<b>45.7</b>	<b>-</b>	<b>11.3</b>	<b>119.1</b>	<b>135.9</b>	<b>302.2</b>
Rail, Proposition C 10% Gross	127.7	-	26.8	12.0	11.0	11.1	18.8	17.0	18.0	-	12.9
<b>Rail, Proposition C 10% Net</b>	<b>138.2</b>	<b>-</b>	<b>25.2</b>	<b>11.3</b>	<b>10.4</b>	<b>10.5</b>	<b>17.7</b>	<b>16.0</b>	<b>16.9</b>	<b>18.3</b>	<b>12.2</b>
Rail, Proposition C 40% Gross	-	-	-	-	-	-	-	-	-	-	-
<b>Rail, Proposition C 40% Net</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
12-yr Bus, Proposition C 40% Gross	133.5	-	-	-	-	30.8	16.0	9.1	9.1	68.5	-
<b>Bus, Proposition C 40% Net</b>	<b>117.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27.0</b>	<b>14.0</b>	<b>8.0</b>	<b>8.0</b>	<b>60.0</b>	<b>-</b>
30-yr Bus, Proposition C 40% Gross	-	-	-	-	-	-	-	-	-	-	-
<b>Bus, Proposition C 40% Net</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Subtotal Bus, Proposition C 40% Gross	133.5	-	-	-	-	30.8	16.0	9.1	9.1	68.5	-
<b>Subtotal Bus, Proposition C 40% Net</b>	<b>117.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27.0</b>	<b>14.0</b>	<b>8.0</b>	<b>8.0</b>	<b>60.0</b>	<b>-</b>
Subtotal Proposition C 40% Gross - Bus & Rail	133.5	-	-	-	-	30.8	16.0	9.1	9.1	68.5	-
<b>Subtotal Proposition C 40% Net - Bus &amp; Rail</b>	<b>117.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27.0</b>	<b>14.0</b>	<b>8.0</b>	<b>8.0</b>	<b>60.0</b>	<b>-</b>
Hwy, Proposition C 25% Gross	1,948.8	75.4	345.9	123.5	474.6	243.7	195.7	77.8	28.6	211.5	172.1
<b>Hwy, Proposition C 25% Net</b>	<b>1,802.1</b>	<b>69.9</b>	<b>319.9</b>	<b>114.2</b>	<b>438.9</b>	<b>225.3</b>	<b>181.0</b>	<b>71.9</b>	<b>26.4</b>	<b>195.5</b>	<b>159.1</b>
Rail, Measure R 35% Gross	666.8	1.8	374.2	-	-	-	178.6	112.0	-	-	-
<b>Rail, Measure R 35% Bonds Net</b>	<b>607.5</b>	<b>1.7</b>	<b>342.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>162.0</b>	<b>101.3</b>	<b>-</b>	<b>-</b>	<b>-</b>
Measure R 20% Bonds Gross	1,073.4	-	-	216.0	73.8	119.5	153.4	147.0	163.5	93.6	106.6
<b>Measure R 20% Bonds Net</b>	<b>971.5</b>	<b>-</b>	<b>-</b>	<b>197.4</b>	<b>67.3</b>	<b>108.6</b>	<b>139.1</b>	<b>132.9</b>	<b>147.3</b>	<b>84.0</b>	<b>95.2</b>
<b>Measure R 35% Commercial Paper</b>	<b>270.6</b>	<b>-</b>	<b>193.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50.5</b>	<b>-</b>	<b>27.1</b>
Measure R 2% Bonds Gross	129.9	-	81.2	3.3	-	12.4	15.9	17.0	-	-	-
<b>Measure R 2% Bonds Net</b>	<b>118.5</b>	<b>-</b>	<b>74.3</b>	<b>3.1</b>	<b>-</b>	<b>11.3</b>	<b>14.4</b>	<b>15.4</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Net New Financing, Annual</b>	<b>4,904.1</b>	<b>71.6</b>	<b>976.7</b>	<b>446.8</b>	<b>638.4</b>	<b>428.3</b>	<b>528.1</b>	<b>356.7</b>	<b>368.1</b>	<b>493.7</b>	<b>595.7</b>
<b>Bond Interest Rate for long-term bonds:</b>											
1. Net represents projected issuance amounts net of reserve fund and issuance fees.	4.00%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%	4.50%
2. Figures represent bond issuance amounts and do not reflect annual debt service payments.											

**LACMTA Financial Forecasting Model**  
**New Debt Innovative Financing**

**LRTP Update 3/31/15**

	Years '15-'24	2014 2015 2015 2016	2015 2016 2017	2016 2017 2018	2017 2018 2019	2018 2019 2020	2019 2020 2021	2020 2021 2022	2021 2022 2023	2022 2023 2024
<b>TIFIA Loan Proceeds</b>										
Crenshaw/LAX Transit Corridor	545.9	-	337.4	208.5	-	-	-	-	-	-
Regional Connector	160.0	61.9	-	-	55.9	17.9	6.2	18.1	-	-
Westside Purple Line Extension Section 1	856.0	-	-	-	340.7	305.7	184.9	24.7	-	-
Westside Purple Line Extension Section 2	307.0	-	-	146.0	61.0	100.0	-	-	-	-
Westside Purple Line Extension Section 3	-	-	-	-	-	-	-	-	-	-
Eastside Extension Phase II	-	-	-	-	-	-	-	-	-	-
<b>Total TIFIA Uses</b>	<b>1,863.9</b>	<b>61.9</b>	<b>337.4</b>	<b>354.5</b>	<b>457.6</b>	<b>423.6</b>	<b>191.0</b>	<b>42.8</b>	<b>-</b>	<b>-</b>
TIFIA interest rate forecast										
<b>5309 Capital Grant Rev Bonds Proceeds</b>										
Westside Purple Line Extension - Section 1	1,039.6	115.2	228.5	289.5	243.7	29.5	-	87.8	43.2	2.2
Westside Purple Line Extension - Section 2	1,039.6	115.2	228.5	289.5	243.7	29.5	-	87.8	43.2	2.2
Capital Grant Receipt Revenue Bonds interest rate	-	-	-	-	-	-	-	-	-	-

1. Represents projected issuance amounts net of reserve fund and issuance fees.
2. Does not reflect annual debt service payments.

LACMTA Financial Forecasting Model  
**Debt Policy Maximum (Conformance)**  
*LRTP Update 3/31/15*

Attachment H-1

	Total '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
<b><u>Proposition C 40%</u></b>											
Projected Revenues	3,630.5	295.7	309.7	325.4	340.9	356.0	370.7	385.3	400.3	414.7	431.7
Policy Maximum	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
Maximum Available for Debt Service	1,452.2	118.3	123.9	130.2	136.4	142.4	148.3	154.1	160.1	165.9	172.7
Less: Existing Debt Service (Treasury-not incl fees)	645.6	73.0	71.7	71.4	71.1	70.8	67.3	63.6	63.6	64.0	29.1
Available for Future Debt Service	806.6	45.2	52.2	58.8	65.3	71.6	80.9	90.6	96.6	101.8	143.6
Less: Projected Payment (Financial Model)											
Rail Capital	0.0	-	-	-	-	-	-	-	-	-	-
Bus Capital	36.4	-	-	-	-	-	-	-	-	-	-
Administration/Agencywide	0.0	-	-	-	-	-	-	-	-	-	-
<b>Available DS Capacity (Overutilization)</b>	<b>770.2</b>	<b>45.2</b>	<b>52.2</b>	<b>58.8</b>	<b>65.3</b>	<b>71.6</b>	<b>77.6</b>	<b>85.4</b>	<b>90.4</b>	<b>94.7</b>	<b>128.9</b>
<b>Annual DSCR: Minimum 2.50</b>											
Annual Debt Service % of Rev (40% max)		24.7%	23.2%	21.9%	20.8%	19.9%	19.1%	17.8%	17.4%	17.2%	10.1%
<b><u>Proposition C 25%</u></b>											
Projected Revenues	2,269.0	184.8	193.6	203.4	213.1	222.5	231.7	240.8	250.2	259.2	269.8
Policy Maximum Assumed	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%	60.0%
Maximum Available for Debt Service	1,361.4	110.9	116.1	122.0	127.8	133.5	139.0	144.5	150.1	155.5	161.9
Less: Existing Debt Service (Treasury)	528.3	55.4	55.1	55.0	55.0	55.0	53.8	53.7	53.6	53.6	38.1
Available for Future Debt Service	833.1	55.5	61.1	67.0	72.9	78.5	85.2	90.8	96.5	101.9	123.8
Less: Projected Payment (Financial Model)	590.7	0.0	4.4	25.6	33.2	62.3	77.3	89.3	94.1	95.8	108.8
<b>Available DS Capacity (Overutilization)</b>	<b>242.4</b>	<b>55.5</b>	<b>56.7</b>	<b>41.4</b>	<b>39.7</b>	<b>16.2</b>	<b>7.9</b>	<b>1.5</b>	<b>2.4</b>	<b>6.1</b>	<b>15.0</b>
<b>Annual DSCR: Minimum 1.176</b>											
Annual Debt Service % of Rev (60% max)		30.0%	30.7%	39.6%	41.4%	52.7%	56.6%	59.4%	59.0%	57.7%	54.5%
<b><u>Proposition C 10%</u></b>											
Projected Revenues	907.6	73.9	77.4	81.3	85.2	89.0	92.7	96.3	100.1	103.7	107.9
Policy Maximum Assumed	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%	40.0%
Maximum Available for Debt Service	363.0	29.6	31.0	32.5	34.1	35.6	37.1	38.5	40.0	41.5	43.2
Less: Existing Debt Service (Treasury)	110.5	12.7	12.1	12.0	12.0	11.9	11.8	11.0	11.1	11.2	4.6
Available for Future Debt Service	252.5	16.9	18.8	20.5	22.1	23.7	25.2	27.5	29.0	30.3	38.6
Less: Projected Payment (Financial Model)	35.8	0.0	0.0	1.6	2.4	3.1	3.7	4.9	5.9	7.0	7.0
<b>Available DS Capacity (Overutilization)</b>	<b>216.8</b>	<b>16.9</b>	<b>18.8</b>	<b>18.8</b>	<b>19.7</b>	<b>20.6</b>	<b>21.5</b>	<b>22.6</b>	<b>23.0</b>	<b>23.2</b>	<b>31.5</b>
<b>Annual DSCR: Minimum 2.00</b>											
Annual Debt Service % of Rev (40% max)		17.2%	15.7%	16.8%	16.9%	16.8%	16.6%	16.6%	17.0%	17.6%	10.8%

LACMTA Financial Forecasting Model  
**Debt Policy Maximum (Conformance)**  
 LRTP Update 3/31/15

Attachment H-1

	Total '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
<b>Proposition A 35%</b>											
Projected Revenues	3,063.4	249.5	261.3	274.6	287.7	300.4	312.8	325.2	337.8	349.9	364.3
Policy Maximum	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%
Maximum Available for Debt Service	2,665.1	217.1	227.4	238.9	250.3	261.3	272.1	282.9	293.9	304.4	316.9
Less: Existing Debt Service (Treasury - incl CP)	1,321.8	150.7	147.6	148.1	148.1	150.8	150.7	148.1	109.0	108.9	59.8
Available for Future Debt Service	1,343.3	66.4	79.7	90.7	102.2	110.5	121.4	134.8	184.9	195.6	257.2
Less: Projected Payment (Model)	158.6	-	-	1.4	9.5	17.6	20.6	20.6	21.4	29.3	38.3
<b>Available DS Capacity (Overutilization)</b>	<b>1,184.7</b>	<b>66.4</b>	<b>79.7</b>	<b>89.3</b>	<b>92.7</b>	<b>92.9</b>	<b>100.8</b>	<b>114.2</b>	<b>163.5</b>	<b>166.3</b>	<b>218.9</b>
<b>Annual DSCR: Minimum 1.15</b>		<b>1.66</b>	<b>1.77</b>	<b>1.84</b>	<b>1.83</b>	<b>1.78</b>	<b>1.83</b>	<b>1.93</b>	<b>2.59</b>	<b>2.53</b>	<b>3.72</b>
<b>Annual Debt Service % of Rev (87% max)</b>		<b>60.4%</b>	<b>56.5%</b>	<b>54.5%</b>	<b>54.8%</b>	<b>56.1%</b>	<b>54.8%</b>	<b>51.9%</b>	<b>38.6%</b>	<b>39.5%</b>	<b>26.9%</b>
<b>Measure R 35% Transit</b>											
Projected Revenues	3,172.1	258.4	270.6	284.3	297.9	311.0	323.9	336.7	349.8	362.3	377.2
Policy Maximum (assumed)	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%	87.0%
Maximum Available for Debt Service	2,759.7	224.8	235.4	247.3	259.2	270.6	281.8	292.9	304.3	315.2	328.2
Less: Existing Debt Service (Treasury)	846.8	45.8	38.1	38.1	38.1	38.1	34.5	122.0	130.7	130.7	130.7
Available for Future Debt Service	1,913.0	178.9	197.3	209.3	221.1	232.5	147.3	170.9	173.6	184.5	197.5
Less: Projected Payment (Model) (Incl TIFIA and CP)	674.4	0.0	2.9	85.2	143.1	49.6	64.8	62.2	72.2	122.6	71.8
<b>Available DS Capacity (Overutilization)</b>	<b>1,238.6</b>	<b>178.9</b>	<b>194.4</b>	<b>124.1</b>	<b>78.0</b>	<b>183.0</b>	<b>82.5</b>	<b>108.7</b>	<b>101.4</b>	<b>61.9</b>	<b>125.7</b>
<b>Annual DSCR:</b>		<b>5.64</b>	<b>6.60</b>	<b>2.31</b>	<b>1.64</b>	<b>3.55</b>	<b>1.63</b>	<b>1.83</b>	<b>1.72</b>	<b>1.43</b>	<b>1.86</b>
<b>Annual Debt Service % of Rev (87% max)</b>		<b>17.7%</b>	<b>15.2%</b>	<b>43.4%</b>	<b>60.8%</b>	<b>28.2%</b>	<b>61.5%</b>	<b>54.7%</b>	<b>58.0%</b>	<b>69.9%</b>	<b>53.7%</b>
<b>Measure R 20% Highway</b>											
Projected Revenues	1,812.6	147.6	154.6	162.5	170.2	177.7	185.1	192.4	199.9	207.0	215.5
Policy Maximum Assumed	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%	85.0%
Maximum Available for Debt Service	1,540.7	125.5	131.4	138.1	144.7	151.1	157.3	163.5	169.9	176.0	183.2
Less: Existing Debt Service (Treasury)	-	-	-	-	-	-	-	-	-	-	-
Available for Future Debt Service	1,540.7	125.5	131.4	138.1	144.7	151.1	157.3	163.5	169.9	176.0	183.2
Less: Projected Payment (Financial Model)	309.9	-	-	-	15.7	21.2	30.4	42.5	54.6	68.6	76.9
<b>Available DS Capacity (Overutilization)</b>	<b>1,230.8</b>	<b>125.5</b>	<b>131.4</b>	<b>138.1</b>	<b>129.9</b>	<b>126.9</b>	<b>121.0</b>	<b>115.3</b>	<b>107.4</b>	<b>106.3</b>	
<b>Annual DSCR:</b>		<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>9.2%</b>	<b>8.39</b>	<b>6.10</b>	<b>4.52</b>	<b>3.66</b>	<b>3.02</b>	<b>2.80</b>
<b>Annual Debt Service % of Rev (60% max)</b>		<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>9.4%</b>	<b>11.9%</b>	<b>16.4%</b>	<b>22.1%</b>	<b>27.3%</b>	<b>33.1%</b>	<b>35.7%</b>

## **ATTACHMENT H-2a**

### **From the Fiscal Responsibility Policy for Measure R Transit and Highway Capital Project Contingencies As Adopted in May 2011 and Amended in April 2012**

#### **Cap Measure R Debt Service (Excluding Principal) to LRTP Levels**

Measure R debt service (excluding principal) to be repaid from the contingency funds may not exceed the levels forecasted to be necessary in the Long Range Transportation Plan, except to allow for 30/10, America Fast Forward, and similar financing which may involve issuing debt and/or taking out loans greater than contemplated in the 2009 LRTP. 30/10, America Fast Forward, and other similar financing must not adversely impact second and third decade Measure R projects. The Long Range Transportation Plan itself was adopted using an overly optimistic sales tax forecast prior to our understanding of the impact of the worldwide economic recession. For this reason, the Measure R debt service policy cap will be measured against the LRTP financial model published in April 2010.

This policy applies to net bond interest costs after adding Measure R interest earnings and exempting interest costs for the 2010 Build America Bond(BABs)/tax exempt bond package.

#### **Cap Measure R Debt Service (excluding principal) in Fiscal Responsibility Policy As Adopted in May 2011 and Amended in April 2012**

- Applies to Measure R bond interest paid from the contingency line items
- May not exceed levels in 2009 LRTP (as of April 2010 financial forecast) except for acceleration plans
- Cap is net after Measure R interest earnings are deducted
- Cap is net after 2010 Build America Bond package interest is deducted

## LRTP Comparison

### Measure R Debt Service Cap Analysis

#### LRTP Update 3/31/15

			<b>Subtotal '15-'24</b>	<b>Total '15-'19</b>	<b>Subtotal by Decade '20-'29 '30-'39</b>	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	
1	Measure R 35% Transit and 20% Highway (\$ in millions)					2015	2016	2017	2018	2019	2020	2021	2022	2023	2024		
2	Transit 35% LRTP Priorities 4/29/10 (Yellow Book)		672.8	1,348.3	297.5	717.6	333.2	27.5	49.8	66.1	75.9	78.2	76.1	76.6	77.0	74.3	71.4
3	Measure R Debt Service Interest Expense		0.0	0.0	0.0												
4	Less: Measure R 35% Interest Earnings					0.0											
5	Net Interest Expense as of 2010		672.8	1,348.3	297.5	717.6	333.2	27.5	49.8	66.1	75.9	78.2	76.1	76.6	77.0	74.3	71.4
6	Transit 35% LRTP Update Mar 2015																
7	Measure R 2010 BABs & Tax-Exempt Bonds Interest Expense		229.9	392.0	125.7	187.7	78.6	26.7	26.0	25.2	24.3	23.4	21.4	20.8	20.1	19.4	
8	Measure R TIFIA Interest (Crenshaw, Reg Conn, WPL E1 and 2		386.8	774.8	109.7	503.8	161.3	0.0	11.3	20.9	31.7	45.8	55.7	57.4	56.6	54.7	52.8
9	Measure R Debt Service Interest Expense without 2010 issue		167.1	474.2	49.5	226.1	198.6	0.0	0.1	16.9	16.5	16.0	15.5	23.1	27.3	26.3	25.3
10	Measure R Commercial Paper Interest Expense		9.8	12.2	7.9	2.3	2.0	0.0	2.8	2.8	2.0	0.3	0.0	0.0	0.7	0.4	
11	Less: Measure R 35% Interest Earnings		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	Net Interest Expense		563.7	1,261.2	167.1	732.2	361.8	0.0	14.2	40.6	50.1	62.2	71.3	80.5	84.7	81.7	78.4
13	Transit 35% Net Interest Expense																
14	LRTP Priorities 4/29/10 (Yellow Book)		672.8	1,348.3	297.5	717.6	333.2	27.5	49.8	66.1	75.9	78.2	76.1	76.6	77.0	74.3	71.4
15	LRTP Update Feb 2015		563.7	1,261.2	167.1	732.2	361.8	0.0	14.2	40.6	50.1	62.2	71.3	80.5	84.7	81.7	78.4
16	Difference (2010 less 2015) (contingency funds available for inter		109.2	87.1	130.4	(14.6)	(28.7)	27.5	35.6	25.7	16.0	4.8	(3.8)	(7.7)	(7.5)	(7.0)	
17	Net Interest Expense																
18	Highway 20% LRTP Priorities 4/29/10 (Yellow Book)																
19	Measure R 20% Interest Expense		214.6	462.3	103.0	229.3	130.0	19.2	20.4	21.3	21.4	20.8	20.1	20.3	22.0	24.2	25.0
20	Less: Measure R 20% Interest Earnings		0.0	0.0	0.0	0.0	0.0	0.0									
21	Net Interest Expense as of 2010		214.6	462.3	103.0	229.3	130.0	19.2	20.4	21.3	21.4	20.8	20.1	20.3	22.0	24.2	25.0
22	Highway 20% LRTP Update Mar 2015																
23	Measure R Debt Service Interest Expense		169.3	572.4	22.5	350.3	199.5	0.0	0.0	9.7	12.8	17.8	24.1	29.9	36.1	38.9	
24	Less: Measure R 20% Interest Earnings		4.9	40.3	4.9	0.0	35.3	2.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	Net Interest Expense		164.4	532.1	17.6	350.3	164.2	(2.4)	(2.5)	0.0	9.7	12.8	17.8	24.1	29.9	36.1	38.9
26	Highway 20% Net Interest Expense		214.6	462.3	103.0	229.3	130.0	19.2	20.4	21.3	21.4	20.8	20.1	20.3	22.0	24.2	25.0
27	LRTP Priorities 4/29/10 (Yellow Book)		164.4	532.1	17.6	350.3	164.2	(2.4)	(2.5)	0.0	9.7	12.8	17.8	24.1	29.9	36.1	38.9
28	LRTP Update Mar 2015																
29	Difference (2010 less 2015) (contingency funds available for inter		50.2	(69.8)	85.5	(121.0)	(34.2)	21.6	22.9	21.3	11.7	8.0	2.4	(3.9)	(7.9)	(12.0)	(13.9)
30	Total Difference (2010 less 2015)		159.4	17.4	215.9	(135.6)	49.1	58.5	46.8	37.4	24.0	7.1	(7.7)	(15.6)	(19.4)	(20.9)	
31	Measure R 35% & 20% Contingency line items available for interest.																

## LRTP Comparison

### Measure R Debt Service Cap Analysis

<i>LRTP Update 3/31/15</i>												
Measure R 35% Transit and 20% Highway (\$ in millions)		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Transit 35% LRTP Priorities 4/29/10 (Yellow Book)		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
1	Measure R Debt Service Interest Expense										2036	2037
2	Less: Measure R 35% Interest Earnings										2038	2039
3	Net Interest Expense as of 2010											
4												
5	Transit 35% LRTP Update Mar 2015											
6	Measure R 2010 BABs & Tax-Exempt Bonds Interest Expense	18.6	17.7	16.7	15.7	14.7	13.6	12.4	11.2	10.0	8.7	7.4
7	Measure R TIFIA Interest (Crenshaw, Reg Conn, WPLE1 and 2)	50.6	48.4	45.7	42.7	39.2	35.2	31.7	27.8	23.3	18.0	12.6
8	Measure R Debt Service Interest Expense without 2010 issue	24.1	23.0	21.8	20.5	19.2	17.8	16.3	19.9	25.9	26.8	29.9
9	Measure R Commercial Paper Interest Expense	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8
10	Less: Measure R 35% Interest Earnings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	Net Interest Expense	75.1	71.4	67.5	63.2	58.3	52.9	48.0	47.7	49.2	44.8	42.5
12												
13	Transit 35% Net Interest Expense											
14	LRTP Priorities 4/29/10 (Yellow Book)	68.4	70.4	72.1	67.9	63.5	58.9	54.0	48.8	43.4	37.6	31.6
15	LRTP Update Feb 2015	75.1	71.4	67.5	63.2	58.3	52.9	48.0	47.7	49.2	44.8	42.5
16	Difference (2010 less 2015) (contingency funds available for interest)	(6.8)	(0.9)	4.6	4.7	5.2	5.9	6.0	1.1	(5.8)	(7.1)	(10.9)
17												
18												
19	Highway 20% LRTP Priorities 4/29/10 (Yellow Book)											
20	Measure R Debt Service Interest Expense	24.5	23.9	23.5	23.1	22.8	22.5	21.4	19.3	17.0	14.7	12.3
21	Less: Measure R 20% Interest Earnings											
22	Net Interest Expense as of 2010											
23												
24	Highway 20% LRTP Update Mar 2015											
25	Measure R Debt Service Interest Expense	42.0	44.0	41.7	39.2	36.7	34.0	31.3	28.4	25.4	22.2	18.9
26	Less: Measure R 20% Interest Earnings	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	2.3
27	Net Interest Expense	42.0	44.0	41.7	39.2	36.7	34.0	31.2	28.3	25.3	22.1	18.7
28												
29	Highway 20% Net Interest Expense											
30	LRTP Priorities 4/29/10 (Yellow Book)	24.5	23.9	23.5	23.1	22.8	22.5	21.4	19.3	17.0	14.7	12.3
31	LRTP Update Mar 2015	42.0	44.0	41.7	39.2	36.7	34.0	31.2	28.3	25.3	22.1	18.7
32	Difference (2010 less 2015) (contingency funds available for interest)	(17.4)	(20.1)	(18.2)	(16.1)	(13.9)	(11.5)	(9.8)	(9.0)	(8.2)	(7.3)	(6.4)
33												
34	Total Difference (2010 less 2015)	(24.2)	(21.0)	(13.6)	(11.5)	(8.7)	(5.6)	(3.9)	(7.9)	(14.0)	(14.5)	(11.5)
35	Measure R 35% & 20% Contingency line items available for interest											

## Call for Projects Summary

Metro Financial Forecasting Model

*LRTP Update 3/31/15*

**Outstanding 2013 and Prior Calls for Projects**

(\$ in millions)	Years '15-'24	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024
<b>2009 and Prior Calls for Projects</b>											
Transportation Enhancements (TE)/ATP											
Federal CMAQ	41.0	0.6	20.0	14.5	5.9						
Federal RSTP	42.9	16.3	5.4	13.5	7.7						
<b>Total Regional Bikeways/Pedestrian Improvements</b>	<b>92.8</b>	<b>8.9</b>	<b>3.0</b>	<b>3.1</b>	<b>0.7</b>	<b>2.2</b>					
Proposition C 25%											
Federal CMAQ	131.3	13.9	58.1	26.9	32.4						
Federal RSTP	23.9	-		7.4	16.5						
<b>Total Regional Surface Transportation Improvements</b>	<b>191.9</b>	<b>36.7</b>	<b>3.7</b>	<b>9.5</b>	<b>6.3</b>	<b>10.3</b>	<b>6.9</b>				
Proposition C 25%											
Federal CMAQ	119.5	10.1	27.8	16.8	14.8						
<b>Total Signal Synchronization/Bus Speed Improvements</b>	<b>127.5</b>	<b>8.0</b>	<b>6.1</b>	<b>2.0</b>	<b>59.2</b>	<b>6.9</b>					
Proposition C 10%											
Federal CMAQ	12.2	2.5	9.2	0.5							
<b>Total Transit Capital</b>	<b>47.7</b>	<b>35.6</b>	<b>10.9</b>	<b>22.0</b>	<b>2.7</b>						
Proposition C 25%											
Federal CMAQ	14.8	3.0	7.8	4.0							
<b>Total Transportation Demand Management</b>	<b>17.7</b>	<b>2.9</b>	<b>0.5</b>	<b>2.4</b>	<b>3.2</b>						
Proposition C 25%											
Federal CMAQ	40.6	1.4	18.7	20.5							
Federal RSTP	0.6	0.3	0.1	0.2							
<b>Total 2011 Call for Projects</b>	<b>108.7</b>	<b>4.4</b>	<b>49.4</b>	<b>42.3</b>	<b>-</b>	<b>5.4</b>	<b>5.4</b>	<b>1.8</b>			
Proposition C 25%											
Proposition C 10%											
Repayment of Cap Proj Loans	71.7	1.1	8.2	6.9	24.4	31.2					
LTF General Revenues	2.8	0.6	2.2	-	-						
Active Transportation Program (ATP)	4.3					4.3					
Federal CMAQ	44.6	0.1	8.0	8.1	8.5	20.0					
Federal RSTP	25.3	7.1	6.2	5.2	0.9	5.8					
<b>Total 2013 Call for Projects</b>	<b>172.0</b>	<b>23.3</b>	<b>0.1</b>	<b>-</b>	<b>-</b>	<b>3.7</b>					
<b>GRAND TOTAL OUTSTANDING CALLS FOR PROJECTS</b>	<b>758.5</b>	<b>83.9</b>	<b>241.2</b>	<b>155.9</b>	<b>123.8</b>	<b>92.1</b>	<b>25.4</b>	<b>30.1</b>	<b>6.2</b>		

## Attachment I

## **Call for Projects Summary**

Metro Financial Forecasting Model

LRTP Update 3/31/15

### **2015 and Future Calls for Projects**

(\$ in millions)		2015 Call				2023	2024
		Years '15-'24	2019 2020	2020 2021	2021 2022		
Proposition C 25%	559.2	47.9	116.5	64.3	188.6	142.0	
Proposition C 10%	26.3	5.1	5.1	5.1	5.1	5.9	
Repayment of Cap Proj Loans	35.1	3.9	11.3	19.9			
Federal CMAQ	89.5	9.6	-	62.5	16.2	1.3	
Federal RSTP	40.0	-	-	9.3	15.4	15.3	
State Regional Improvement Program	199.1			88.9	24.7	85.5	
<b>Total 2015 and Future Calls for Projects</b>	<b>949.2</b>	<b>66.4</b>	<b>132.9</b>	<b>250.0</b>	<b>250.0</b>	<b>250.0</b>	

## **Attachment I**

## Bus and Rail Operations State of Good Repair

### Attachment J

(\$ in millions)	Total	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FY 23	FY 24
1 Metro Bus Operations	10,465.5	1,016.9	1,049.8	1,084.8	1,125.7	1,162.0	1,198.9	1,237.1	1,275.3	1,314.9
2 Metro Bus Operations Security	331.4	33.1	34.0	34.9	35.9	36.8	37.7	38.7	39.7	40.7
<b>3 Subtotal Metro Bus Operations</b>	<b>10,796.9</b>	<b>1,050.0</b>	<b>1,083.8</b>	<b>1,119.7</b>	<b>1,161.6</b>	<b>1,198.7</b>	<b>1,236.6</b>	<b>1,275.8</b>	<b>1,315.0</b>	<b>1,355.5</b>
4 Muni/Non-Metro Bus Ops (Metro-controlled funds)	2,925.7	284.1	293.6	304.1	314.6	324.9	335.2	345.7	355.9	367.4
5 Bus Operations Incentive Program	160.8	14.9	15.7	16.4	17.2	17.9	18.6	19.3	20.0	20.8
<b>6 Subtotal Non-Metro Bus Operations</b>	<b>3,086.5</b>	<b>299.0</b>	<b>309.3</b>	<b>320.6</b>	<b>331.8</b>	<b>342.8</b>	<b>353.8</b>	<b>365.0</b>	<b>375.9</b>	<b>388.3</b>
7 Access Services Prop C 40%	700.0	69.9	71.7	73.7	75.7	77.7	79.7	81.8	83.8	85.9
8 Access Services Federal RSTP	621.4	62.1	63.7	65.4	67.2	69.0	70.8	72.6	74.4	76.2
<b>9 Subtotal Access Services</b>	<b>1,321.4</b>	<b>132.0</b>	<b>135.4</b>	<b>139.1</b>	<b>142.9</b>	<b>146.7</b>	<b>150.5</b>	<b>154.4</b>	<b>158.2</b>	<b>162.1</b>
10 Metro Rail Operations	4,086.7	372.6	395.8	410.7	426.4	451.1	479.8	499.1	516.0	535.3
11 Metro Rail Operations Security	927.5	75.9	91.0	93.5	96.1	103.9	111.4	115.0	117.8	122.9
<b>12 Subtotal Metro Rail Operations</b>	<b>5,014.2</b>	<b>448.5</b>	<b>486.8</b>	<b>504.2</b>	<b>522.4</b>	<b>555.1</b>	<b>591.3</b>	<b>614.1</b>	<b>633.8</b>	<b>658.1</b>
13 Metrolink Operations	609.6	59.7	59.7	62.1	64.6	67.1	69.8	72.6	75.5	78.5
14 Metrolink State of Good Repair	163.5	16.0	16.0	16.6	17.3	18.0	18.7	19.5	20.3	21.1
15 Metrolink Capital (Prop C 10%)	3.6	1.7				1.9				
16 Metrolink Measure R 3% Capital	223.2	13.2	14.4	19.0	26.7	27.8	28.9	30.0	31.1	32.3
<b>17 Subtotal Metrolink</b>	<b>999.9</b>	<b>90.6</b>	<b>90.1</b>	<b>97.7</b>	<b>108.5</b>	<b>114.7</b>	<b>117.4</b>	<b>122.1</b>	<b>126.8</b>	<b>131.9</b>
18 Metro Bus Vehicle State of Good Repair	584.5	58.4	59.9	61.5	63.2	64.9	66.6	68.3	70.0	71.7
19 Metro Bus Facility State of Good Repair	498.5	49.8	51.1	52.5	53.9	55.3	56.8	58.2	59.7	61.2
<b>20 Subtotal Metro Bus State of Good Repair/Preventive Maint (not incl new vehicles)</b>	<b>1,083.0</b>	<b>108.1</b>	<b>111.0</b>	<b>114.0</b>	<b>117.2</b>	<b>120.2</b>	<b>123.3</b>	<b>126.5</b>	<b>129.6</b>	<b>132.9</b>
21 Metro Light Rail State of Good Repair	377.5	23.0	44.1	47.9	62.2	55.1	19.9	41.0	44.3	40.0
22 Metro Heavy Rail State of Good Repair	141.4	7.6	12.5	15.0	16.0	11.4	25.6	21.5	11.8	20.0
23 Metro Rail Rehab/Replacement	729.3	8.7	39.9	36.0	36.7	153.6	107.7	65.1	101.4	180.3
<b>24 Subtotal Metro Rail State of Good Repair/Preventive Maint (not incl new vehicles)</b>	<b>1,248.1</b>	<b>39.3</b>	<b>96.5</b>	<b>98.9</b>	<b>114.9</b>	<b>220.1</b>	<b>153.2</b>	<b>127.6</b>	<b>157.5</b>	<b>240.3</b>
<b>25 Total</b>	<b>23,550.0</b>	<b>2,167.5</b>	<b>2,312.8</b>	<b>2,394.3</b>	<b>2,499.3</b>	<b>2,698.4</b>	<b>2,726.2</b>	<b>2,785.5</b>	<b>2,896.9</b>	<b>3,069.1</b>

# Sales Tax Measures Project and Program Funding

*SRTP Update 3/31/15*

(\$ in millions)	Current Cost FY '15-'24	Current Funding FY '15-'24	Difference Shortfall Amount
1 Metro Bus Operations	11,816.4	11,816.4	
2 Access Services Operations	1,450.2	1,450.2	
3 Other ADA Service	463.2	463.2	
4 Muni and Non-Metro Bus Operations	3,197.4	3,197.4	
<b>5 Subtotal Bus Operations</b>	<b>16,927.2</b>	<b>16,927.2</b>	
6 Metro Rail Operations	5,384.4	5,384.4	
7 Metrolink Rail Operations	669.4	669.4	
<b>8 Subtotal Rail Operations</b>	<b>6,053.8</b>	<b>6,053.8</b>	
9 Metro Bus Acquisition	1,232.3	1,232.3	
10 Metro Other Bus Capital	1,278.7	1,278.7	
11 Muni and non-Metro Bus Capital	1,024.0	1,024.0	
<b>12 Subtotal Bus Capital</b>	<b>3,535.0</b>	<b>3,535.0</b>	
13 Major Rail Projects	9,032.3	9,032.3	
14 Metro Rail State of Good Repair	1,279.8	1,279.8	
15 Metro Rail Vehicles	864.0	864.0	
16 Metro Red/Purple Line System Improvements	251.1	251.1	
17 Other Metro Rail Capital	375.1	375.1	
18 Metrolink Rail Capital	425.4	425.4	
<b>19 Subtotal Rail Capital</b>	<b>12,227.7</b>	<b>12,227.7</b>	
20 Call for Projects	1,710.1	1,710.1	
21 Freeway Projects	4,369.7	4,369.7	
22 Alameda Corridor East	420.2	420.2	
23 Retrofit Soundwalls	264.0	264.0	
24 Other Highway/Multimodal Projects	212.6	212.6	
25 Freeway Service Patrol	259.5	259.5	
26 Rideshare/Vanpools	147.8	147.8	
27 Regional Administration and Other	462.5	462.5	
<b>28 Subtotal Highway</b>	<b>7,846.4</b>	<b>7,846.4</b>	
29 Rail Capital Debt Service Prop A 35%	1,480.4	1,480.4	
30 Rail Capital Debt Service Prop C 40%	645.6	645.6	
31 Bus Capital Debt Service Prop A 40%	21.9	21.9	
32 Bus Capital Debt Service Prop C 40%	36.4	36.4	
33 Highway Debt Service Prop C 25%	1,119.0	1,119.0	
34 Commuter Rail Debt Service Prop C 10%	146.3	146.3	
35 Measure R 2% Debt Service	123.1	123.1	
36 Measure R 35% Debt Service	1,591.2	1,591.2	
37 Measure R 20% Debt Service	309.9	309.9	
38 Capital Grant Bond Debt Service	1,000.0	1,000.0	
39 Regional Improvement Program Debt Service	8.6	8.6	
<b>40 Subtotal Debt Service</b>	<b>6,482.4</b>	<b>6,482.4</b>	
41 Agencywide Capital	304.1	304.1	
42 Administrative Overhead	1,036.9	1,036.9	
43 Immediate Needs and General Relief Token	118.2	118.2	
<b>44 Subtotal Other</b>	<b>1,459.2</b>	<b>1,459.2</b>	
<b>45 Subtotal</b>	<b>54,531.6</b>	<b>54,531.6</b>	
<b>46 Unmet Needs (Funding Shortfall)</b>	<b>(606.0)</b>	<b>(901.4)</b>	
<b>47 GRAND TOTAL</b>	<b>54,531.6</b>	<b>53,925.6</b>	<b>53,630.2</b>
			<b>(606.0) (901.4)</b>

**1% Shortfall Not Yet Allocated, Revenue Solutions are Being Sought**

**Minutes of the Regular Board Meeting of the Board of Directors on April 26, 2011****11. APPROVED AS AMENDED:**

- A. the updated **Los Angeles County Transportation Improvement Program (TIP)** priorities for use in programming funds for fiscal year (FY) 2010-11 to FY 2018-19;
- B. authorizing the Chief Executive Officer, to assign or reassign, when necessary, federal, state and local funds to support Board-approved projects and programs, so long as the priorities of the LACMTA Board approved Long Range Transportation Plan (LRTP) and this report are not changed by the assignment or reassignment;
- C. directing the Chief Executive Officer to report on a monthly basis any exercise of this delegated authority; and
- D. authorizing the Chief Executive Officer to negotiate and execute funding contracts or agreements as needed with Los Angeles County jurisdictions, agencies or other entities to provide funds programmed as authorized, consistent with the priorities of the LRTP and this report.

**AMENDMENT: Directed staff to report back to the Board when transfers occur. What money was moved and which projects are impacted.**

MW	JH	PO	ZY	AN	MA	DK	AV	RK	DD	MRT	GM	JF	
Y	A	A	Y	Y	Y	Y	A	Y	Y	Y	A	Y	

## **Short Range Transportation Plan (SRTP)**

# **Fiscal Stability and Funding Commitments Inventory**

**FY 2015 through FY 2024**



**Finance & Budget Committee  
Planning and Programming Committee  
June 17, 2015**

2014 Short Range Transportation Plan



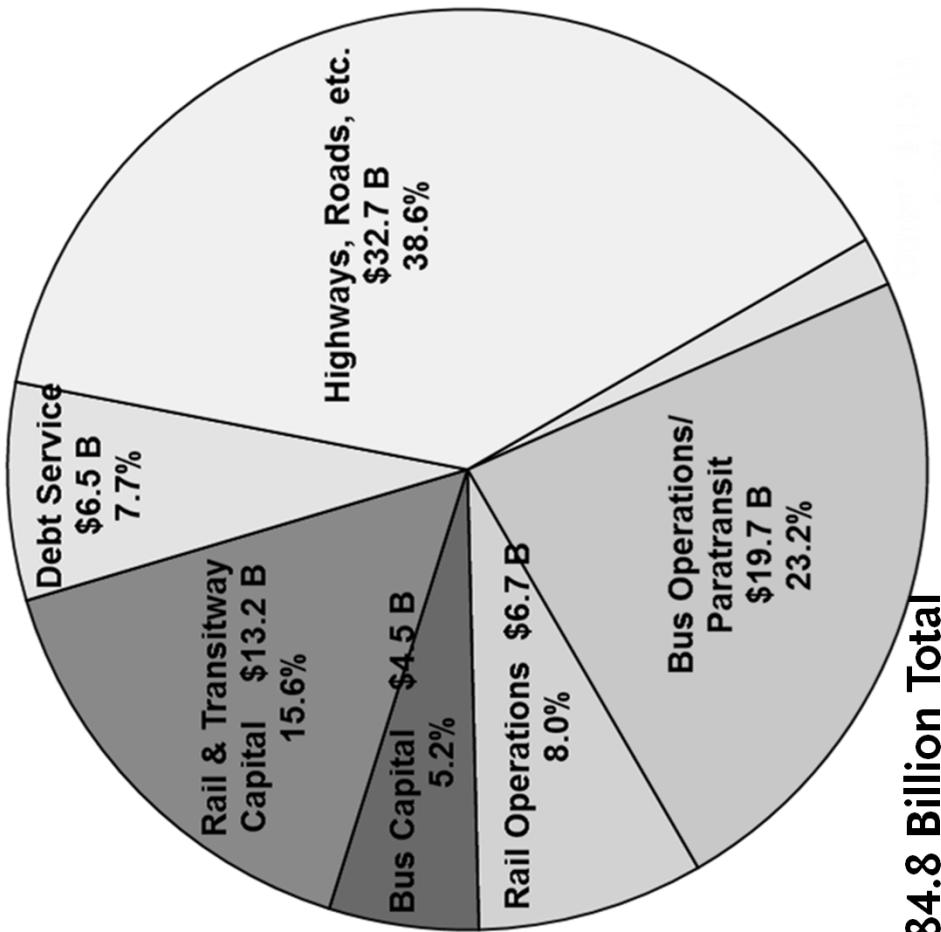
**Attachment M**

# Introduction: CEO's Fiscal Vision for Metro

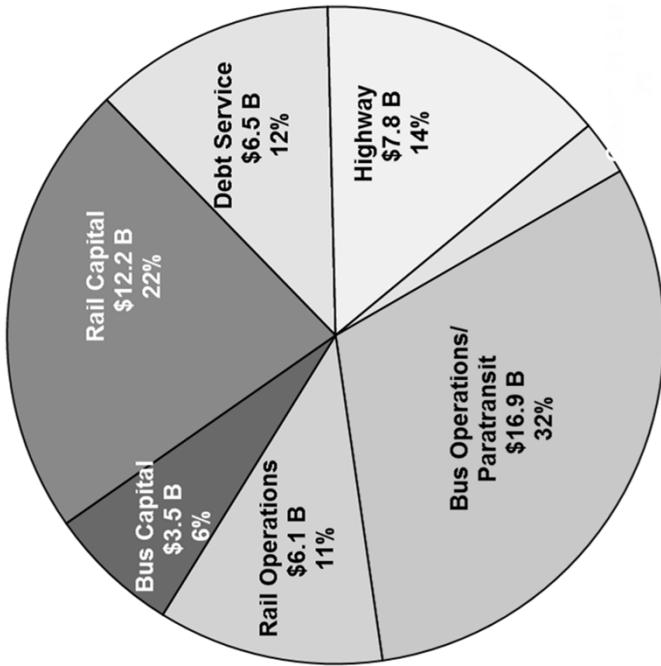
- We face the financial challenges described here
- Metro must have realistic yet challenging fiscal goals
  - As custodians of taxpayer's monies, we must:
    - Be frugal, responsible, practical and approve only appropriate expenditures
    - Capture the greatest share possible of passenger trips and increase farebox recovery
    - Optimize utilization of our financial resources in pursuit of our legislative and Metro Board-approved goals and objectives
  - These goals are fundamental to our future success

# Transportation Public Investments by Mode: Countywide and Metro Controlled Spending Forecast

**Countywide Uses  
FY 2015 – FY 2024**



**Metro Controlled Uses  
FY 2015 – FY 2024**



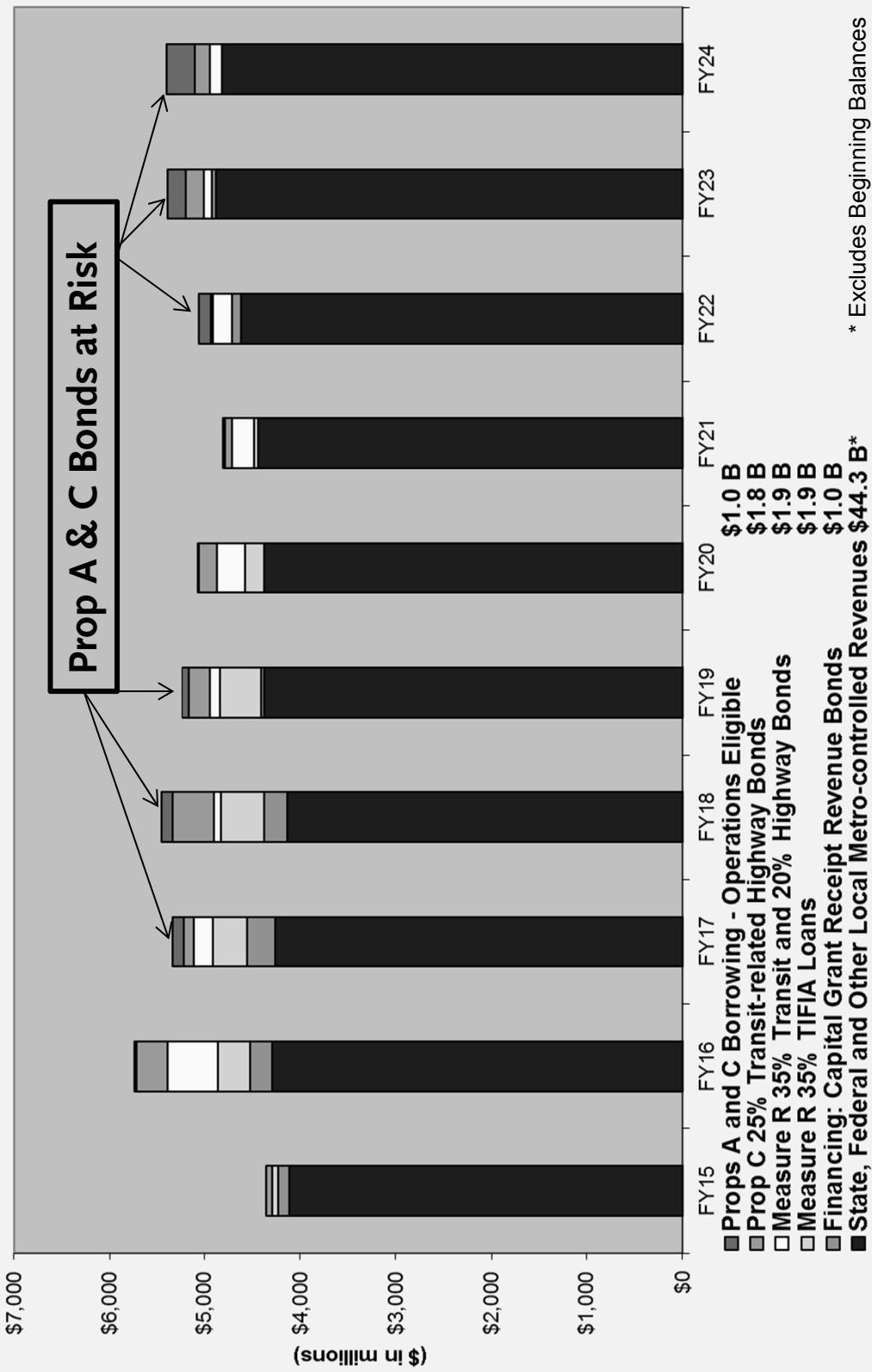
**\$84.8 Billion Total  
FY 2015 – FY 2024**

\* Includes safety net program, agency-wide capital, and regulatory oversight.

**\$54.5 Billion Total  
FY 2015 – FY 2024**

# Borrowing Key to Transformative Plan

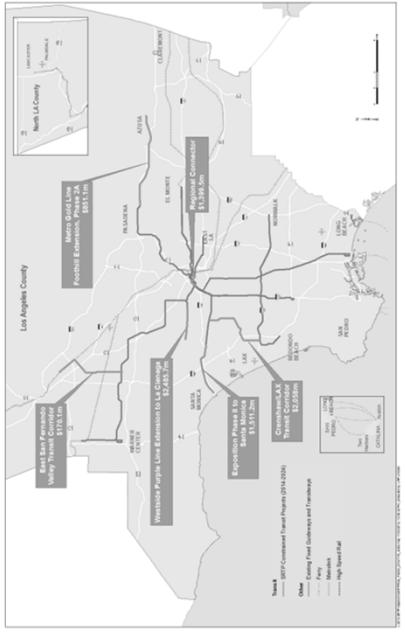
Funding Plan for Metro-Controlled Uses  
FY 2015 - FY 2024



# Metro's Transformative Financial Strategy...

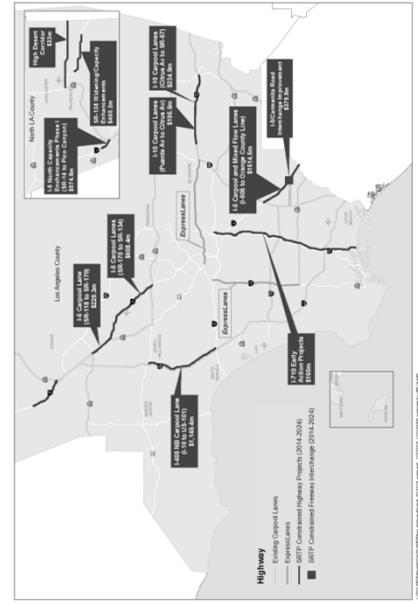
## Transit Improvements

- Capital improvement program exceeds \$14 B
  - Transit & Highway
  - Almost all under construction



## Highway Improvements

- Borrowing brings in \$6.6 B



- Debt capacity maximized
  - \$1.5 B subordinate federal loans critical to success

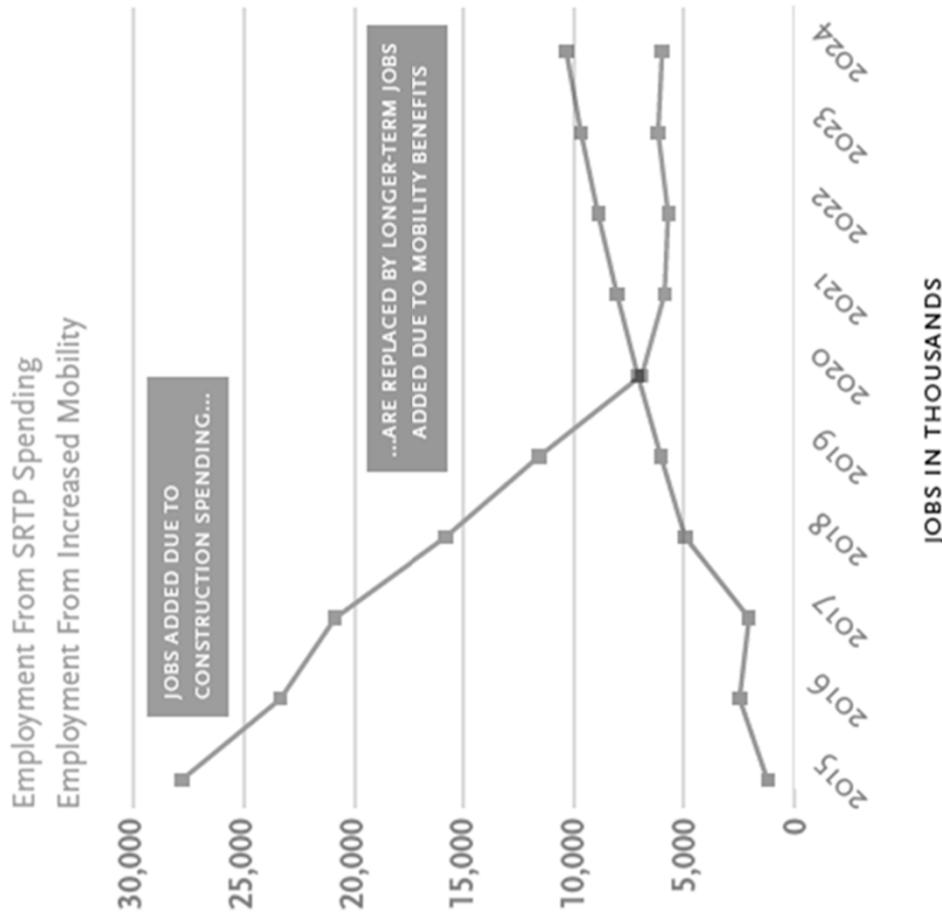
» America Fast Forward  
Legislation

# Leads to Transformative Results:

## Travel demand forecasted to increase by 6%

- Transit boardings increase to 2.6 M per day
  - a 13% increase from 2.3 M in 2014
- Rail transit track miles increase by 31%
  - Complimentary bus service stays level
- Greenhouse gas emissions reduced by 9%
  - Surpasses the Air Resources Board mobile source per capita passenger vehicle target target of 8% in 2020
- Highway lane-miles increase by only 1.1%
  - High Occupancy Vehicle Lanes
  - Freeway speed reductions mitigated, but can't increase without pricing
    - 2014 = 27.8 MPH
    - 2024 = 25.8 MPH

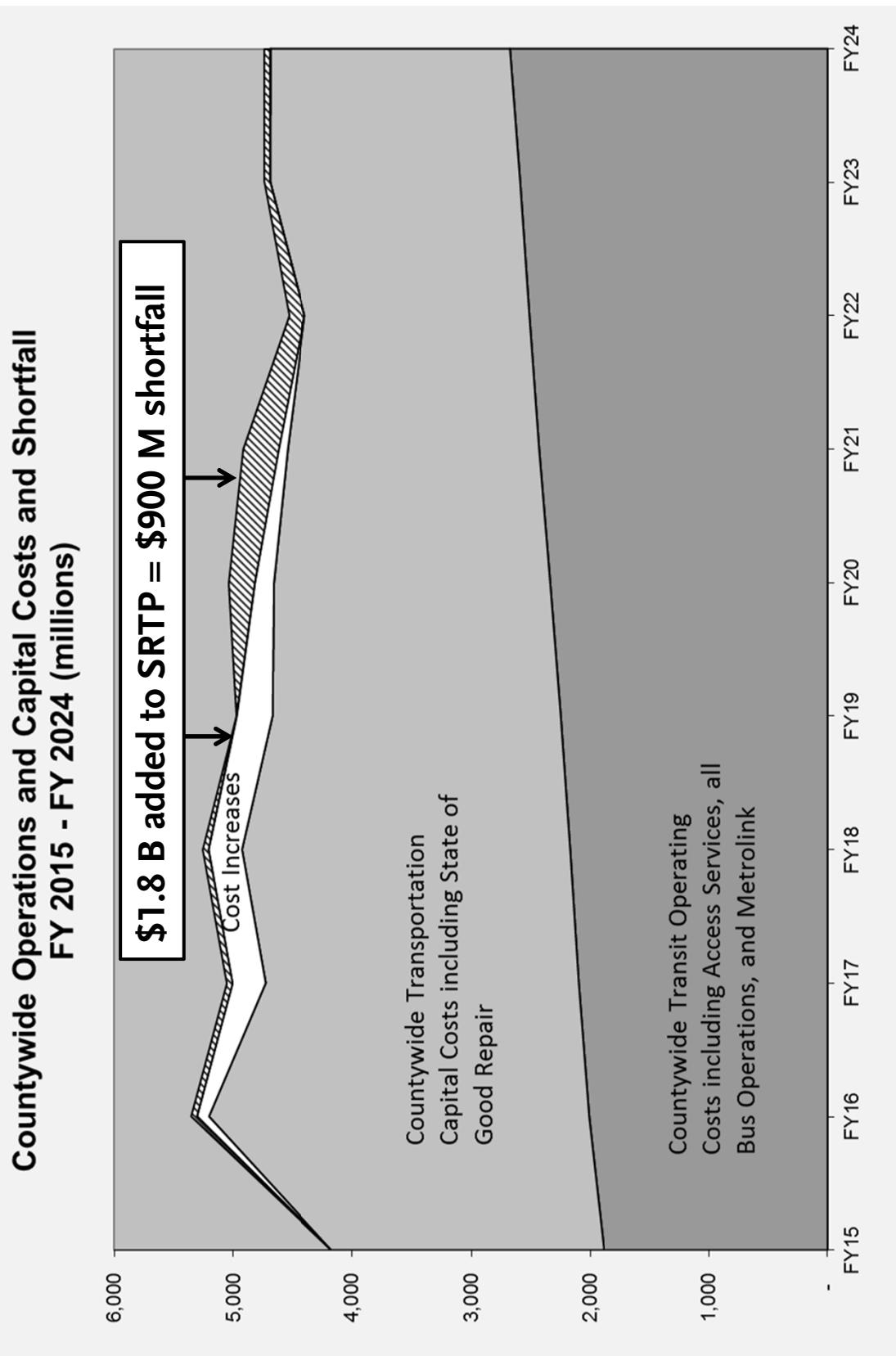
Employment Resulting from the Plan  
THE HIGHER THE NUMBER, THE MORE JOBS



# Costs Added to SRTP: \$1.8B

<b>Project (Alphabetical Order)</b>	<b>Cost Update (\$'s millions)</b>	<b>Fund Source (Leveraged from Others?)</b>
Airport Metro Connector Accommodations	\$33.2	CMAQ (to be leveraged)
Airport Metro Connector 96 <sup>th</sup> Street Station	\$195.7	Measure R 35%
Business Interruption Fund	Up to \$80.0	Meas. R Adm. & Transit/Prop. C 25%
Bus Division 13	\$16.1	Prop 1B PTMISEA
I-405 NB Carpool Lane (not including claim 86)	Up to \$115.0	RSTP (to be leveraged)
Patsauras Plaza Busway Station	\$14.2	Prop C 25%
Purple Line Extension Section 1	\$288.2	Measure R Transit 35%
Purple Line Extension Section 2	\$374.3	FTA New Starts (to be leveraged)
Regional Connector	\$60.5	Measure R 2% /Lease Rev.
Construction Umbrella Liability Insurance	\$20.9	Prop C 25% /Measure R 35%
I-10 Carpool Lanes from Citrus to SR-57	\$10.3	CMAQ
P3010 Light Rail Vehicle Options 2 and 3	\$114.0	Prop A 35%, STIP
Bloc/Metro Connection Pedestrian Passage	\$4.3	Metro General Fund, Lease Revenues
North Hollywood Orange-Red Line Underpass	\$1.1	TDA4
Southwestern Light Rail Yard	<b>\$22.0 <u>11.2</u></b>	Prop A 35%
Other SRTP Additions	\$457	Reserve Needed for TBD items (See Appendix)
Total =	<b>\$1,806.8 1,796.0</b>	

# Countywide Forecast: SRTP Has \$900 M Shortfall

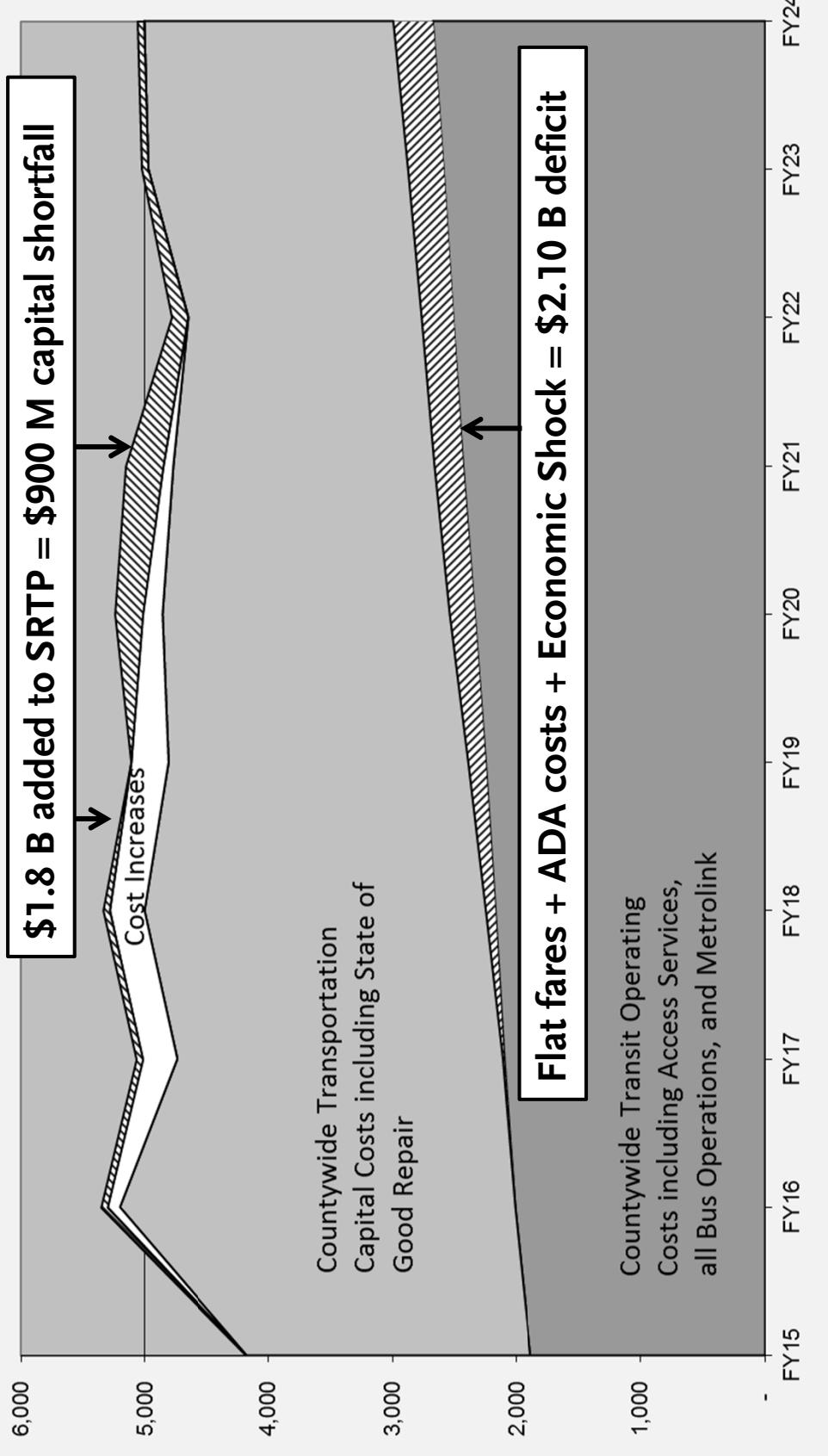


# Metro's Worst Case: Could be Far Worse

- **Periodic economic shocks expected**
  - Higher bids and other cost increases occurring now
  - Economic recession could occur during plan period
- **Borrowing strategies are at risk**
  - Transit operating costs rise faster than CPI
  - Fares not keeping pace with costs
  - Access Services demand growing
- **New revenue sources are important**
  - Federal funding increase needed in reauthorization
  - State Cap & Trade needed for SRTP greenhouse gas reductions

# Perfect Storm: Flat Fares, ADA Costs, & Economic Shock

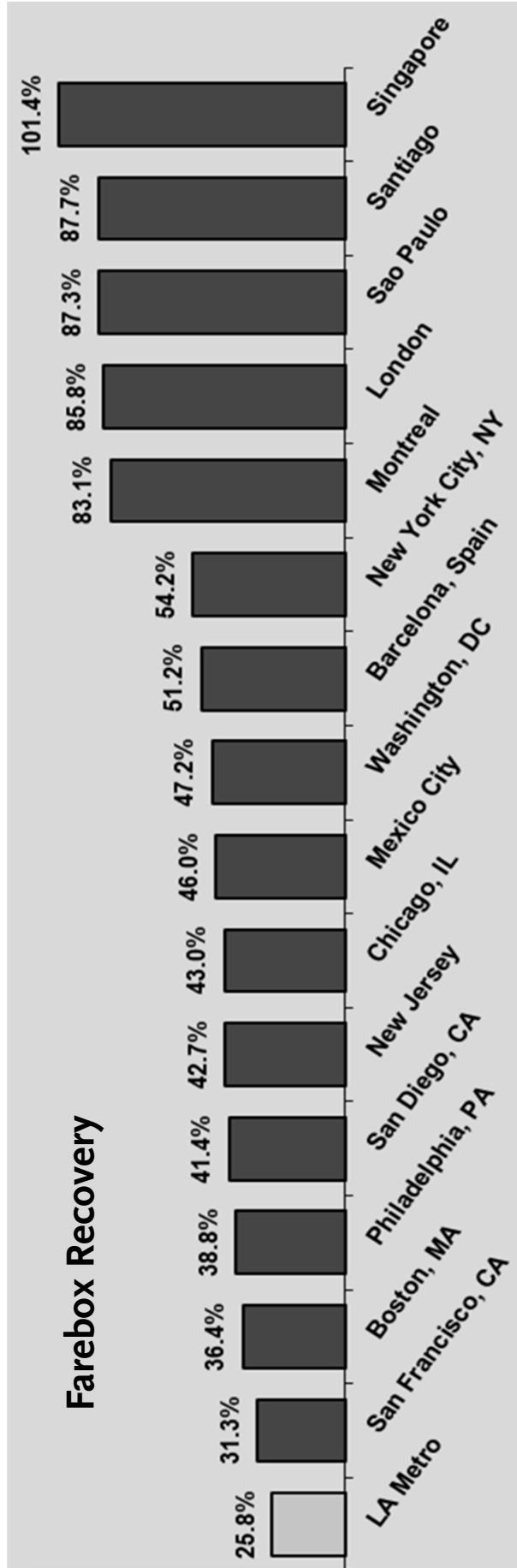
## Countywide Operations and Capital Costs Shortfall FY 2015 - FY 2024 (million)



# Metro Among Lowest in Fare Recovery

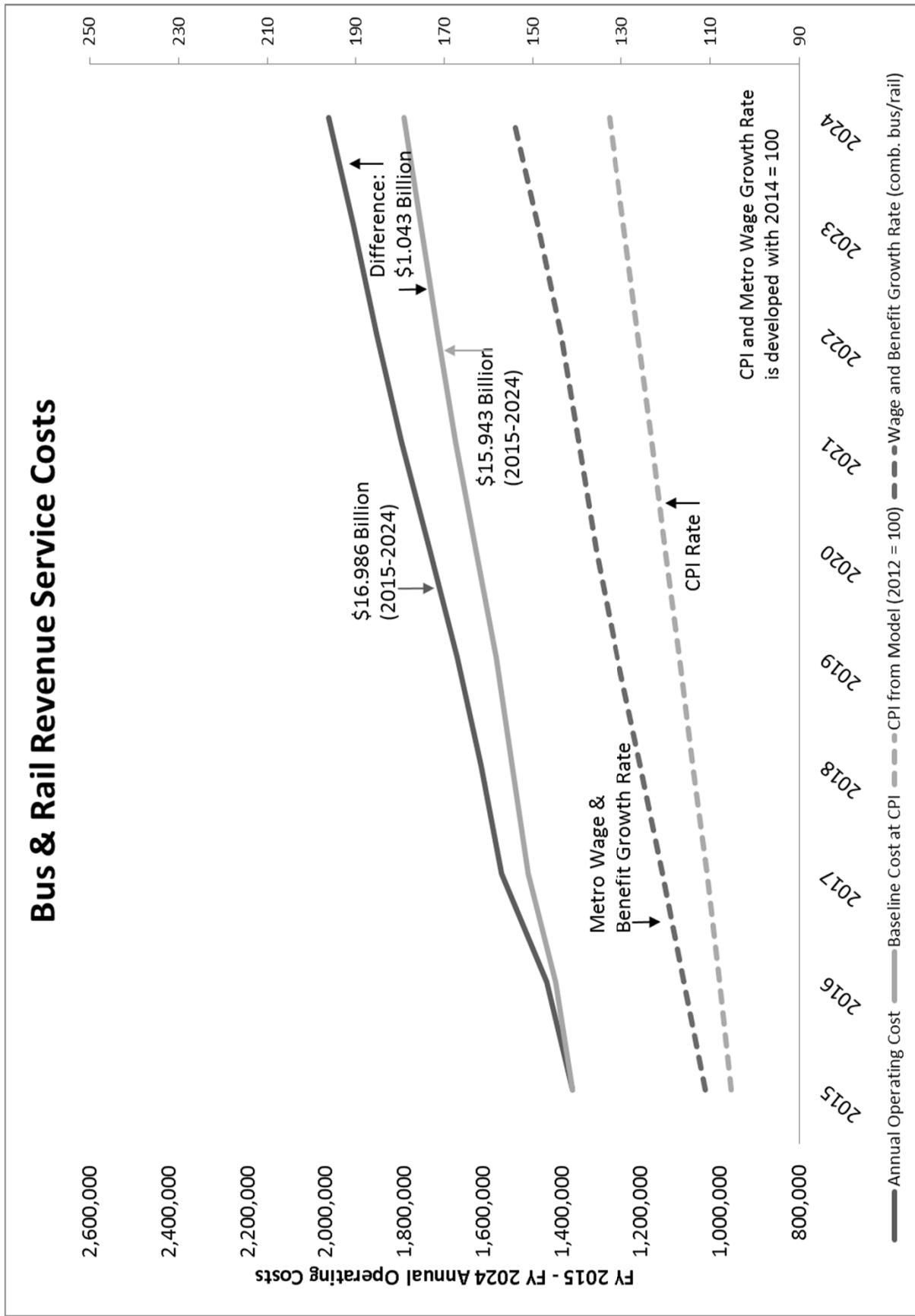
Farebox Recovery is the ratio of fare revenue to operating costs:

- Operating costs include transportation, maintenance, and other support costs
  - Capital costs are not included
- Revenue includes TAP card sales, farebox cash, vending machines, etc.
  - Revenue does not include ad revenue, transit court, operations subsidies, or reimbursements from other agencies

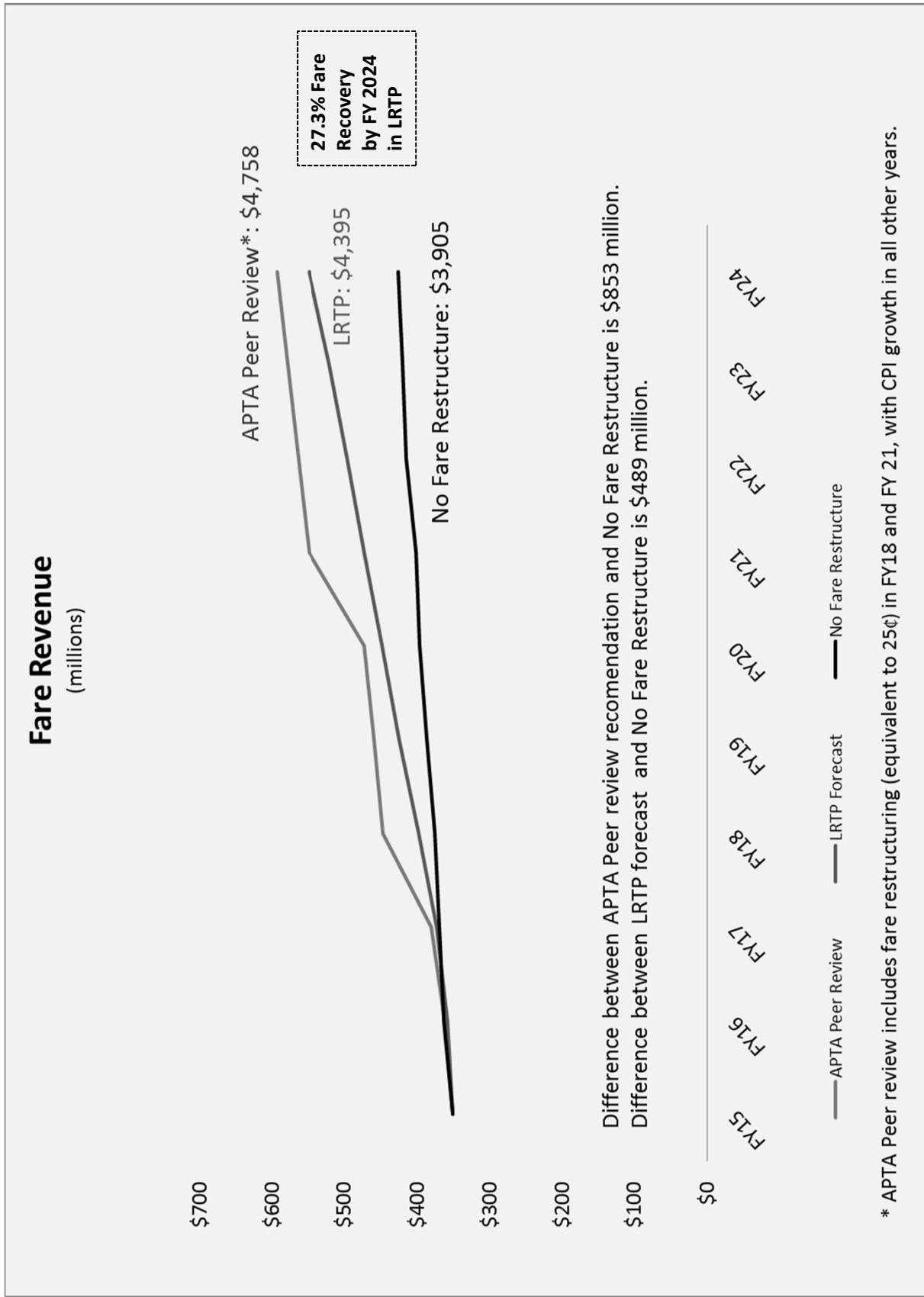


US data from 2012 National Transit Database; International data from Regional Plan Association (Transit Leadership Summit, April 2012)

# Wages and Benefits Drive Operating Cost Escalation



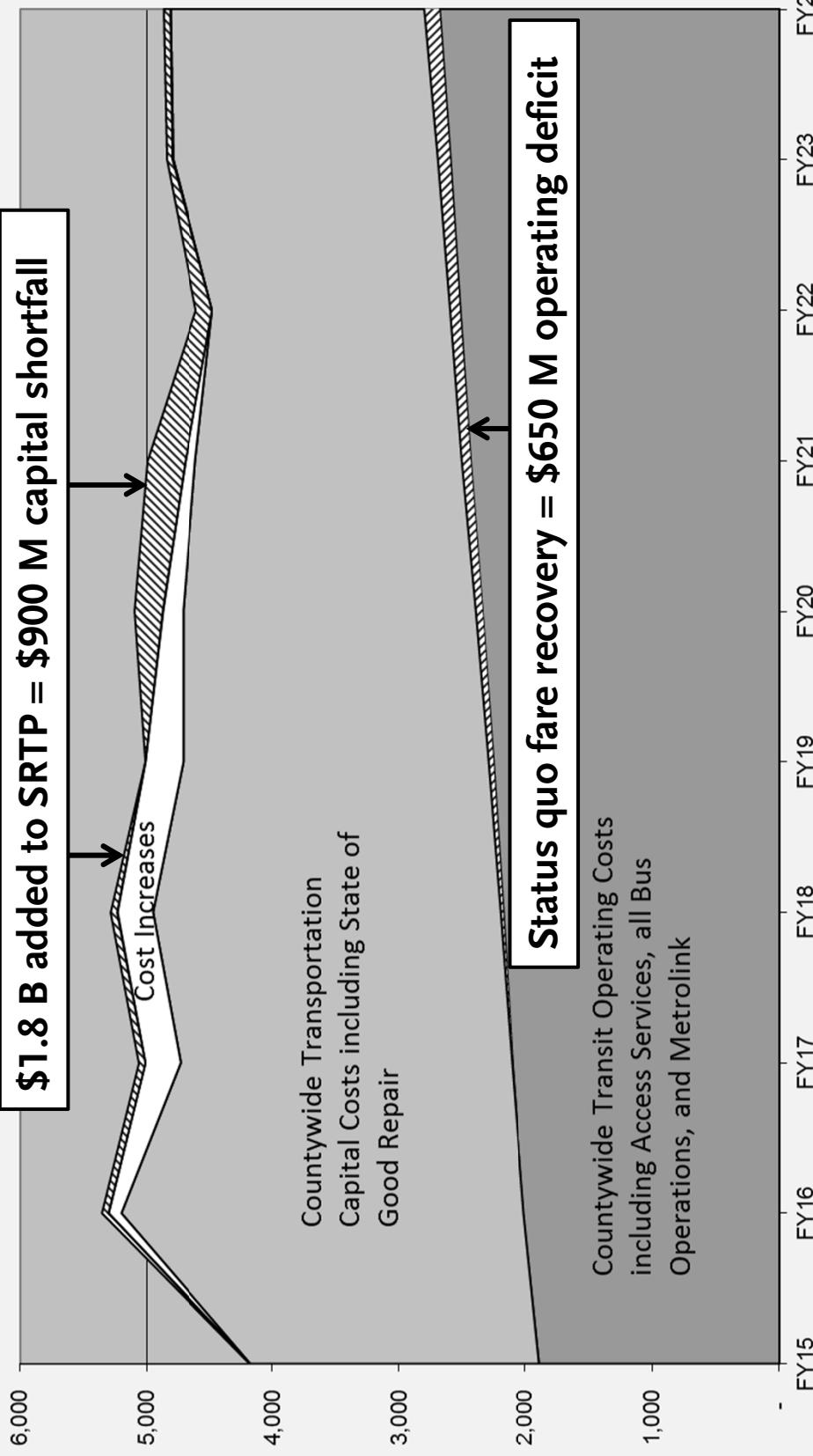
# SRTP Assumes Modest Fare Recovery: 28%



# Lower Fare Recovery = Operating Deficit

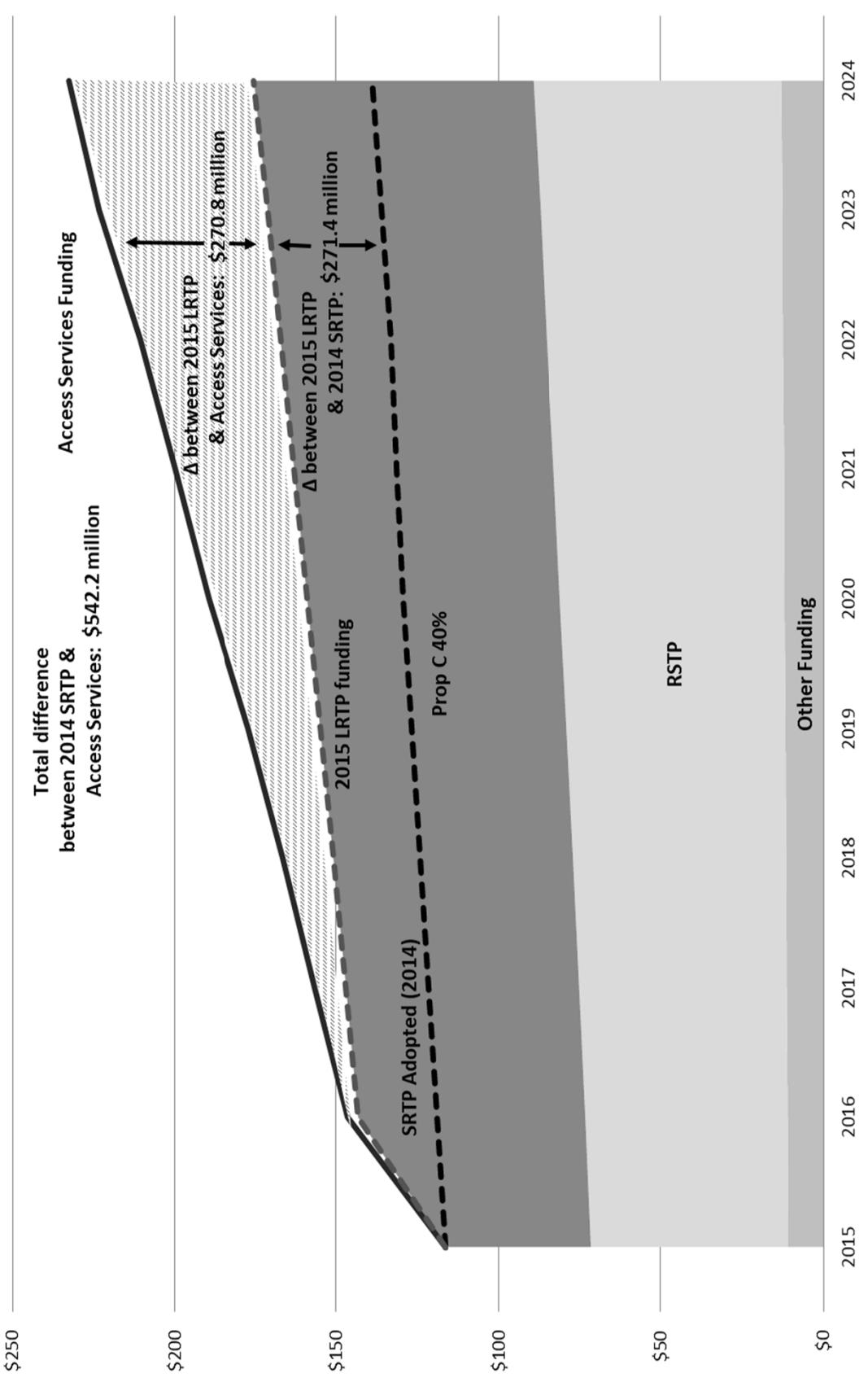
## Countywide Operations and Capital Costs Shortfall

FY 2015 - FY 2024 (millions)



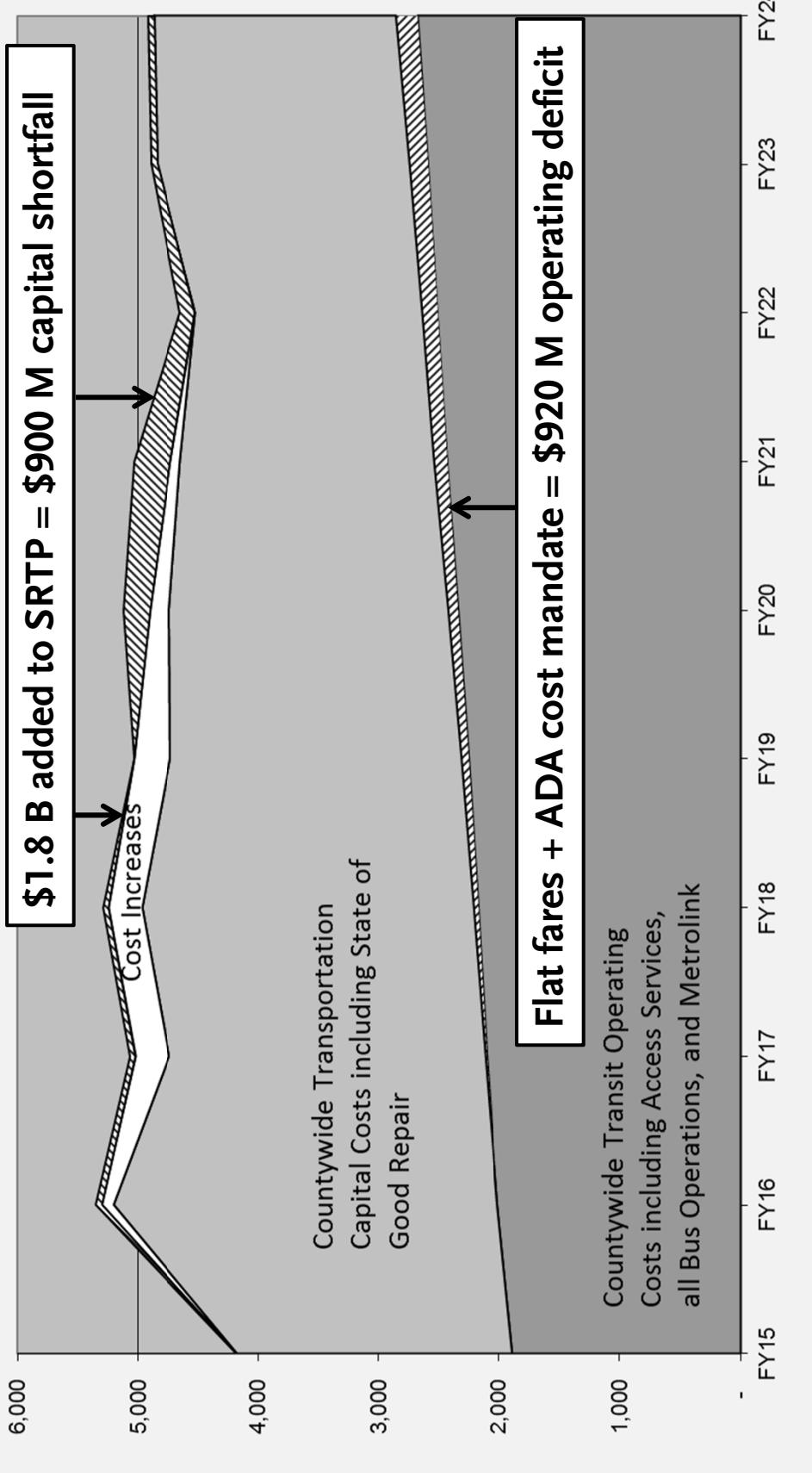
# Access Services Growth

## Access Services Funding Projections (\$ millions)



# Flat Fares & ADA Costs = Big Operating Deficit

Countywide Operations and Capital Costs Shortfall  
FY 2015 - FY 2024 (millions)



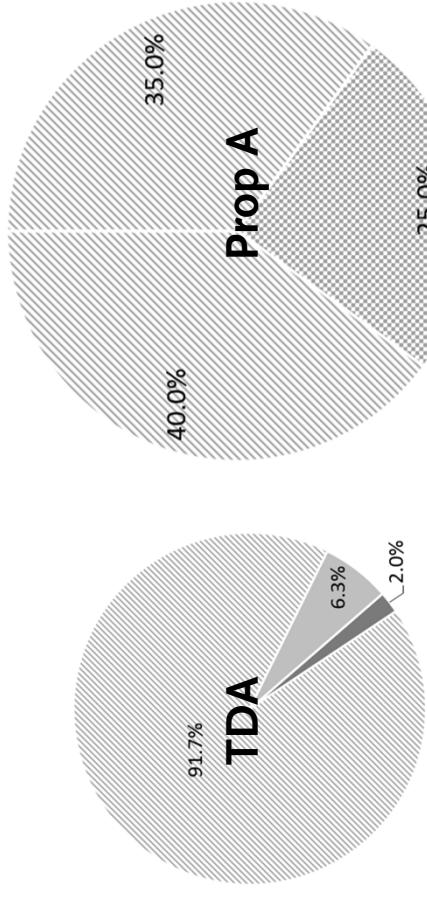
# Capital Program Cost Control Efforts

- Capital cost control culture and practices need improvement
  - Claims avoidance specialists and training
  - Improved value engineering and other efforts
    - P3 project delivery approaches are evolving
- Reaffirmation of Metro Board policy actions
  - Unified Cost Management Process and Policy
  - Measure R Contingency Policy
  - Repayment of Capital Project Loan Fund Policy
  - Light Rail Yard Cost Allocation Policy
- Other due diligence measures

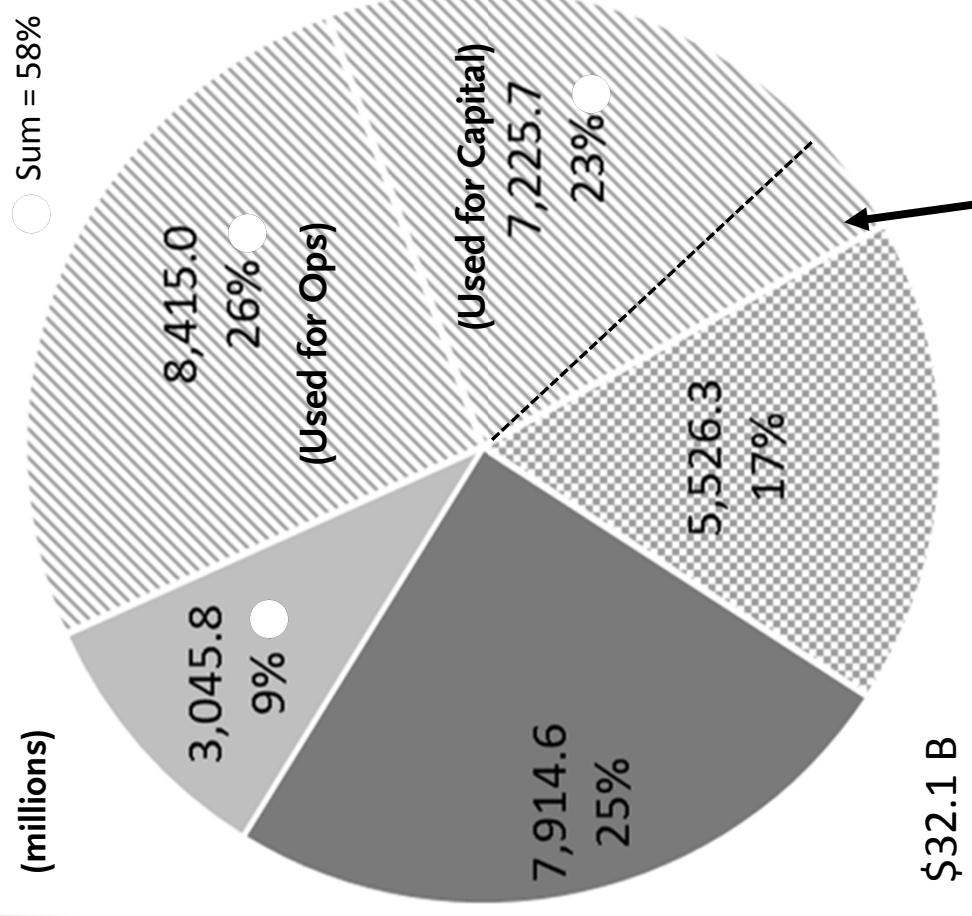
# **Appendix A**

## Improving Capital Program Firewalls: 58% Operating Eligible & 25% Capital Only (FY 2015 - FY 2024)

Sales Tax Firewalls Improving Over Time:



But Combined Sales Tax is 58% Ops Eligible:



**SRTP Planned Debt Service Uses less than  
6% (\$1,867 M) of Eligible Funds**

Capital	■	Cap or Ops
Operations	■	Local Return

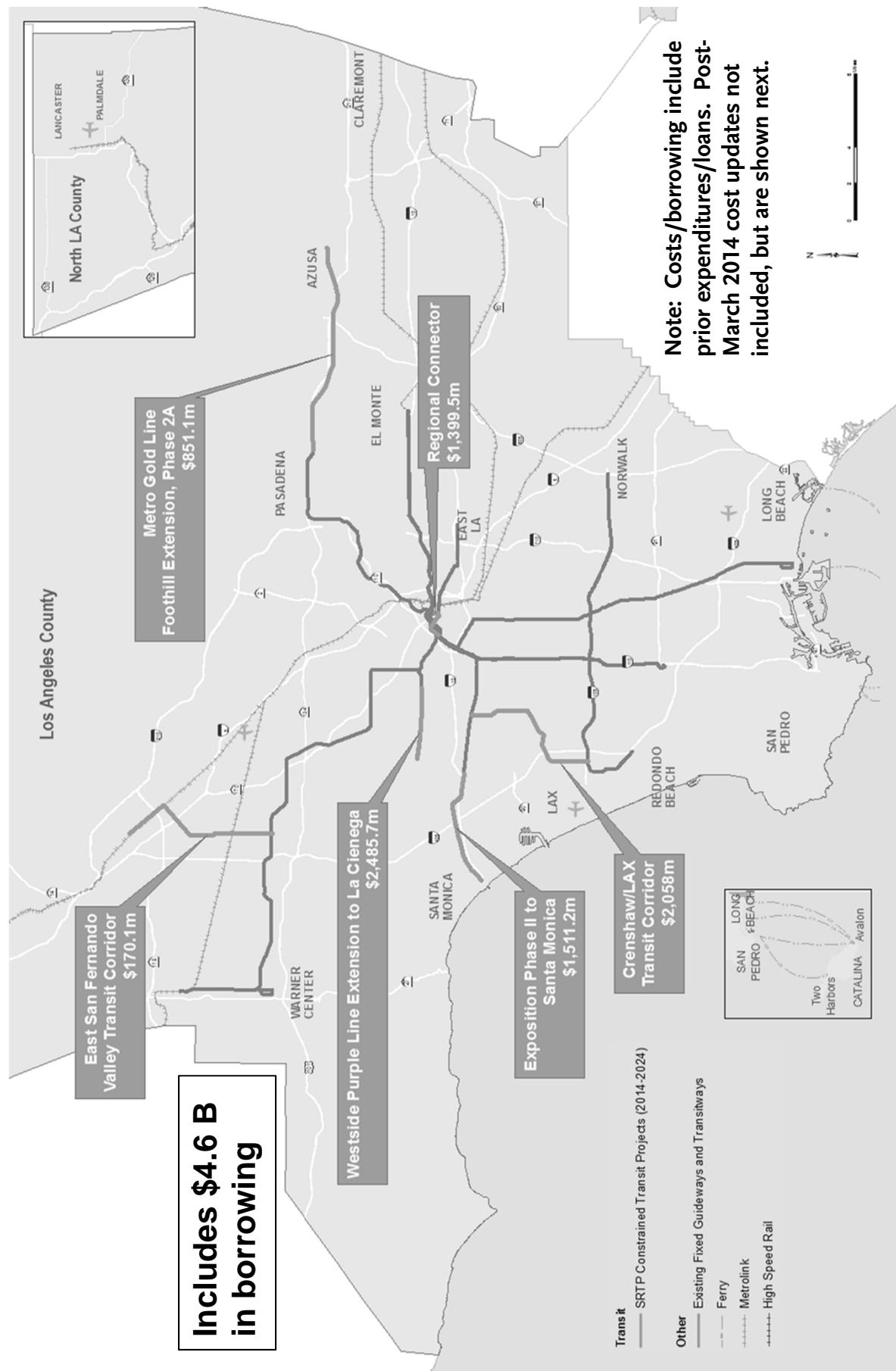
# Operating Eligible Bond Funds Critical to Capital Program

**S RTP Planned Debt Service Uses 6% of Eligible Funds**  
(Debt service for FY 2015 to FY 2024)

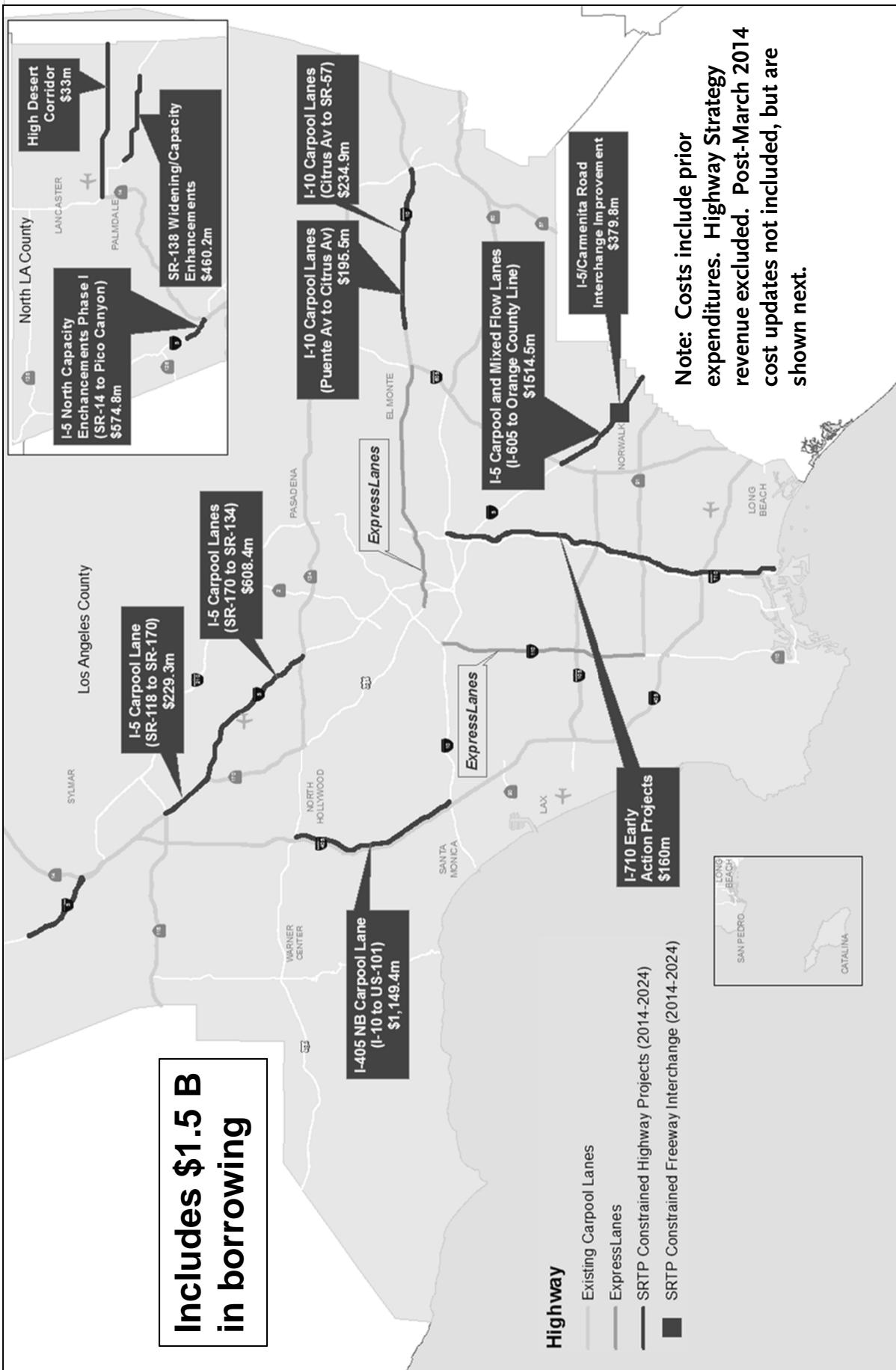
**This 6% = \$6.6 B in bond proceeds**  
(FY 2015 to FY 2024)

\$1,867 M  
(6%)

# Transit Project Construction Cost: \$8.5 B



# Highway Project Construction Cost: \$5.5 B



# Appendix - Other Cost Increases Page 1 of 3

Project	Increase (\$'s 000's)	Source
Access Services Free Fare Program	\$2,046	Prop C 10%
Expo II Betterments	\$3,900	Measure R 35%
Willowbrook/Rosa Parks Station	\$20,000	Potential Cap & Trade
Intelligent Video Upgrade	\$286	TDA Article 4
Tunnel and Bridge Security	\$109	TDA Article 4
Division 22 Green Line Storage Bldg.	\$291	Prop A 35%
Fare Gate Project	\$5,492	Measure R 2%
Sustainable Parking Demo Project (Red Line)	\$1,400	Prop C 10%
LA River Bikeway Connection Feasibility Study	\$100	Prop A and Prop C Admin
Express Lanes Toll Revenue Reinvestment	\$1,750	Toll Revenues / Measure R 3%
Union Station Security	\$6,285	Homeland Security Grant (leveraged)
The Bloc/Metro Connection	\$400	Prop C 10%

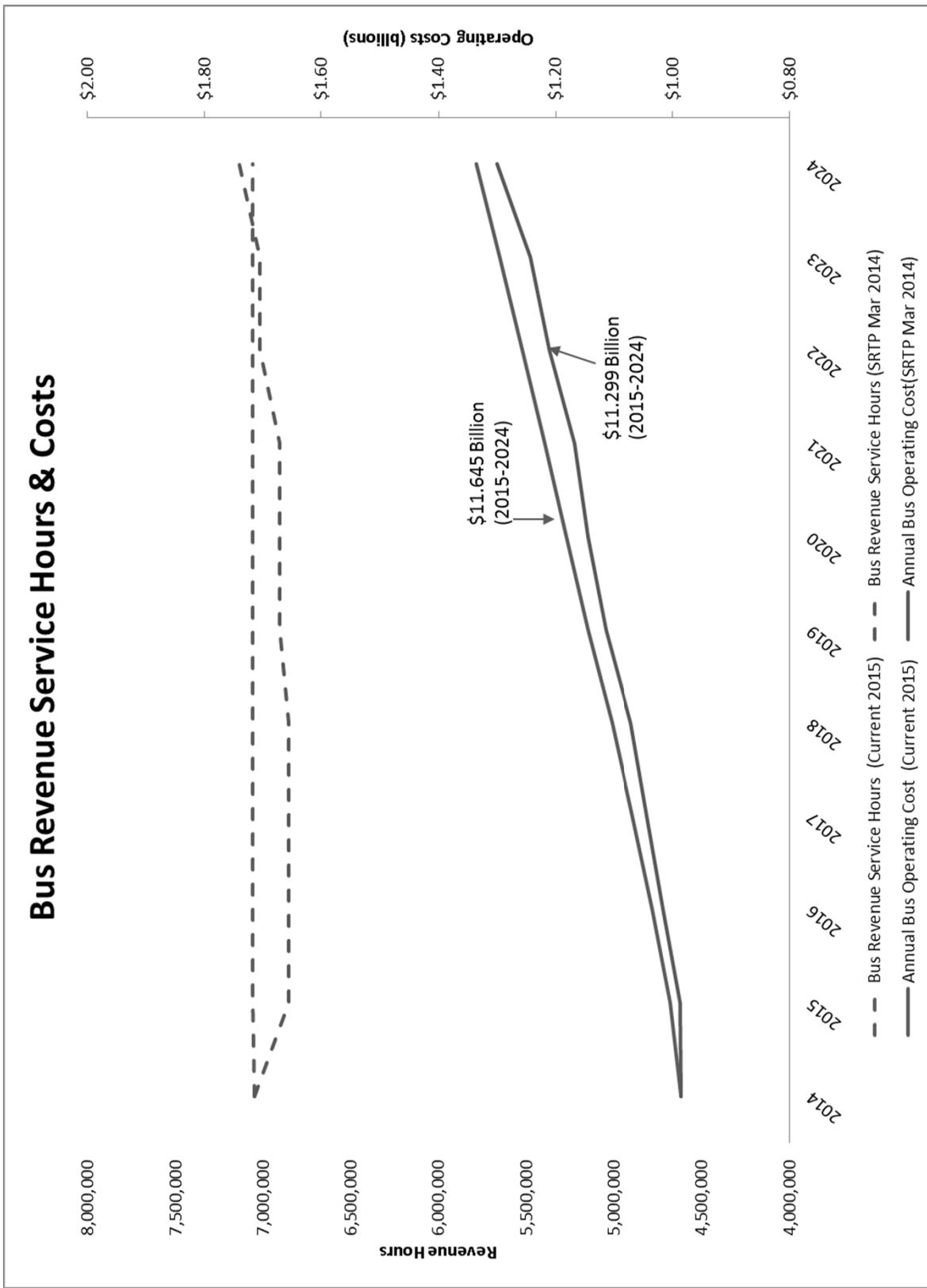
# Appendix - Other Cost Increases Page 2 of 3

Project	Increase (\$'s 000's)	Source
LRTP Update/Ballot Initiative	\$550	Prop A and Prop C Admin
Bicycle Model Development	\$1,500	TBD
Union Station Master Plan	\$400	TBD
Rail to River Bikeway Study	\$2,850	Prop A, Prop C, Measure R Admin
Video Security System Enhancement	\$1,460	TDA Article 4 / Transit Security Grant
I-5 North Construction Mitigation Transit Service	TBD	TBD
Wayfinding Signage Grant Program	\$1000	TBD
I-5 North	\$25,500	Measure R 20%
I-5 South	\$46,000	Measure R 20%
Call For Projects (ATP Impact)	TBD	TBD
Access Services	See Slide	Puts Prop C 40% at Risk
So. Cal Regional Interconnector Project (SCRIP)	\$239,300	TBD

# Appendix - Other Cost Increases Page 3 of 3

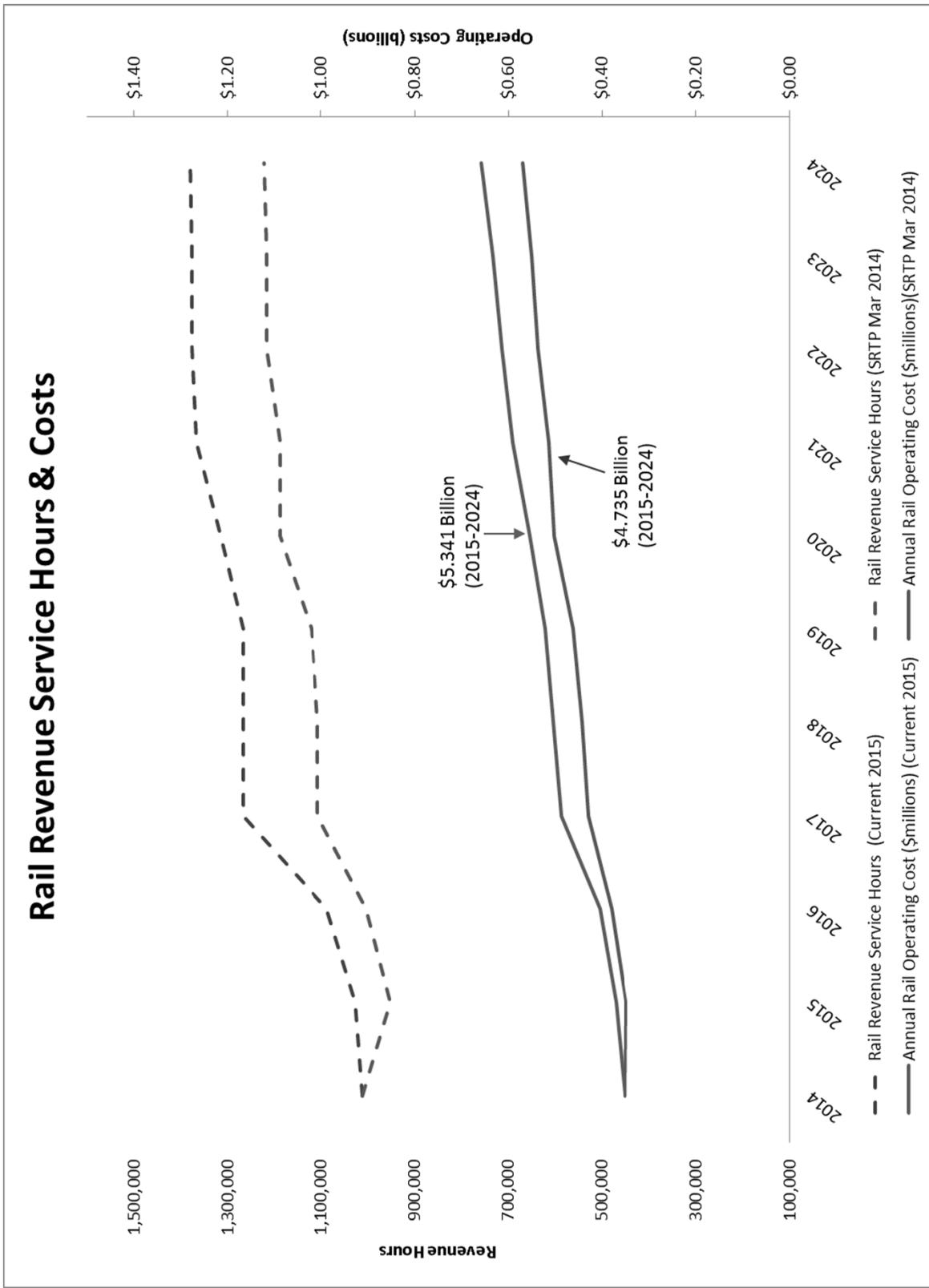
Project	Increase (\$'s 000's)	Source
Westside Purple Line Sec. 2 (Add Back 10 cars per FFGA)	\$55,000	Potential Cap & Trade
I-405 NB Claim 86	TBD	TBD
Red Line Seg 2 Close-out	\$6,500	Prop A 35%
Metrolink Antelope Valley Line Fare Enforcement	\$1,700	Prop C 10%
Red Line Escalator at Pershing Square	\$8,256	Prop A 35%
Affordable Housing	Up to \$10,000	Potential Cap & Trade
I-10 Carpool Lanes from I-605 to SR-57	\$14,900	Prop C 25%
Total =	<b>\$456,975</b>	

# Bus Operating Cost Escalation (Current 2015 Projection vs. 2014 SRTTP Projection)



# Rail Operating Cost Escalation

## (Current 2015 Projection vs. 2014 S RTP Projection)



# Assumptions

## Sales Tax Revenues

- 4.74% increase for FY16; 4.10% average increase for FY15-35

## Fare Increase - Every two years beginning 1/1/2018

- Fare Recovery Ratio: 23.9% in FY16; 27.3% by FY24

## State Transit Assistance (STA) funding is flat

## CMAQ funds Operations

- First 3 years of all new projects including Expo II & Gold Line Foothill

## Transit and Intercity Rail Capital Program

- \$31.3M per year for FY16 – FY20, allocated to eligible Metro rail capital (TBD)

## Low Carbon Transit Operations Program (LCTOP)

- \$21.4M for FY16 and \$14.3 each year after, starting FY17
- Population Share allocated to Metro rail operations for new lines
- Operator Revenue Share allocated to Metro rail capital for new vehicles and other eligible items per FAP
- Operator Revenue Share allocated to Municipal Operators per FAP

## CPI – per UCLA forecast, 2.45% for FY16

## Bus Operations: FY 2016 Revenue Service Hours (RSH) assumed, no growth afterwards 7,061,735 RSH

- \$146.49 per hour now, but growth over inflation assumed

## Rail Operations: Rail Services increase as new lines are opened from 1,089,254 RSH (FY 16) to 1,380,332 RSH (FY 24)

# **Appendix B**

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Airport Metro Connector Project Funding Comparison**

(\$ in millions)		SRTP Mar 2014										Mar 2015										Change <sup>(6)</sup>																																					
		2014 Prior	2015 2015	2016 2016	2017 2017	2018 2018	2019 2019	2020 2020	2021 2021	2022 2022	2023 2023	2024 2024	2025 2025	2026 2026	2027 2027	2028 2028	Total	2014 Prior	2015 2015	2016 2016	2017 2017	2018 2018	2019 2019	2020 2020	2021 2021	2022 2022	2023 2023	2024 2024	2025 2025	2026 2026	2027 2027	2028 2028	Total	Change <sup>(6)</sup>	Proposition A 35%	Proposition C 25%	Measure R 35%	Other Local <sup>(2)</sup>	Repayment of Capital Projects Fund 3562	Local Agency Funds	Proposition 1B PTM/SEA <sup>(3)</sup>	Proposition 1B SLPP <sup>(8)</sup>	Regional Improvement Program	CMAQ & RSTP <sup>(4)</sup>	Section 5309 New Starts	Other State & Federal <sup>(5)</sup>	Total	Change <sup>(6)</sup>	Proposition A 35%	Proposition C 25%	Measure R 35%	Other Local <sup>(2)</sup>	Repayment of Capital Projects Fund 3562	Local Agency Funds	Proposition 1B PTM/SEA <sup>(3)</sup>	Proposition 1B SLPP <sup>(8)</sup>	Regional Improvement Program	CMAQ & RSTP <sup>(4)</sup>	Section 5309 New Starts
As of March 2014																																																											
Proposition A 35%																																																											
Proposition C 25%																																																											
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Other Local <sup>(2)</sup>																																																											
Repayment of Capital Projects Fund 3562																																																											
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Proposition 1B PTM/SEA <sup>(3)</sup>																																																											
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CMAQ & RSTP <sup>(4)</sup>																																																											
Section 5309 New Starts																																																											
Other State & Federal <sup>(5)</sup>																																																											
Total		6.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	330.0																																					
As of Mar 2015																																																											
Proposition A 35%																																																											
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CMAQ & RSTP <sup>(4)</sup>																																																											
Section 5309 New Starts																																																											
Other State & Federal <sup>(5)</sup>																																																											
Total		6.9	15.4	21.6	6.5	6.8	99.9	25.1	48.1	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.9																																					
Change <sup>(6)</sup>																																																											
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CMAQ & RSTP <sup>(4)</sup>																																																											
Section 5309 New Starts																																																											
Other State & Federal <sup>(5)</sup>																																																											
Total		0.0	15.4	21.6	6.5	6.8	99.9	25.1	48.1	22.7	-	(17.1)	(48.7)	(82.3)	(69.5)	(105.5)	(77.1)																																										

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Crenshaw/LAX Transit Corridor Project Funding Comparison (includes light rail vehicles)**

		(\$ in millions)	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
	<b>As of March 2014</b>																		
Proposition A 35%		4.9																	50.4
Proposition C 25%		3.3	-	-	-	-	71.3	112.9	26.3	(5.0)	(5.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	(3.0)	188.8	
Proposition C 40%																			10.9
Measure R 35%		130.1	110.5	75.1	146.5	214.5	5.0	9.4	(15.0)	(15.0)									661.1
Measure R 35% TIFIA Loan <sup>(1)</sup>																			545.9
Other Local <sup>(2)</sup>																			80.0
Local Agency Funds																			107.5
Proposition 1B PTM/SEA <sup>(3)</sup>																			128.6
Proposition 1B SLPP <sup>(8)</sup>																			49.5
Regional Improvement Program																			109.4
TIGER II																			13.9
CMAC & RSTP <sup>(4)</sup>																			102.2
Section 5339 AA																			-
Section 5309 Bus & Bus-Related Facilities Earm																			9.8
Total																			9.8
	<b>As of Mar 2015</b>																		2,058.0
Proposition A 35%		4,8502																	34.3
Proposition C 25% (not for LRVs)		3.3																	183.8
Proposition C 40%																			-
Measure R 35%																			661.1
Measure R 35% TIFIA Loan <sup>(1)</sup>																			545.9
Other Local <sup>(2)</sup>																			80.0
Local Agency Funds																			107.5
Proposition 1B PTM/SEA <sup>(3)</sup>																			122.2
Proposition 1B SLPP <sup>(8)</sup>																			49.5
Regional Improvement Program																			75.1
TIGER II																			13.9
CMAC & RSTP <sup>(4)</sup>																			174.9
Section 5339 AA																			1.2
Section 5309 Bus & Bus-Related Facilities Earm																			8.6
Total																			2,058.0
	<b>Change<sup>(6)</sup></b>																		
Proposition A 35%		(0.0)																	(16.1)
Proposition C 25% (not for LRVs)		(0.0)																	(5.0)
Proposition C 40%																			(10.9)
Measure R 35%																			(0.0)
Measure R 35% TIFIA Loan <sup>(1)</sup>																			-
Other Local <sup>(2)</sup>																			-
Local Agency Funds																			-
Proposition 1B PTM/SEA <sup>(3)</sup>																			(34.3)
Proposition 1B SLPP <sup>(8)</sup>																			0.0
Regional Improvement Program																			(6.4)
TIGER II																			-
CMAC & RSTP <sup>(4)</sup>																			72.7
Section 5339 AA																			1.2
Section 5309 Bus & Bus-Related Facilities Earm																			(1.2)
Total																			0.0

**Fiscal Stability Overview and Funding Commitments Inventory**  
**East San Fernando Valley North-South Project Funding Comparison**

(\$ in millions)		Prior		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		Total	
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
<b>As of March 2014</b>																											
Proposition A 35%		1.8	0.8	0.0	6.5	20.0																					
Proposition C 25%																											
Proposition C 40%																											
Measure R 35%																											
Repayment of Cap Proj Loans																											
Other Local																											
Local Agency Funds																											
Proposition 1B PTMSEA																											
Regional Improvement Program																											
Section 5339 AA																											
TCRP																											
<b>Total</b>																											
<b>As of Mar 2015</b>																											
Proposition A 35%																											
Proposition C 25%																											
Proposition C 40%																											
Measure R 35%																											
Repayment of Cap Proj Loans																											
Other Local																											
Local Agency Funds																											
Proposition 1B PTMSEA																											
Regional Improvement Program																											
Section 5339 AA																											
TCRP																											
<b>Total</b>																											
<b>Change<sup>(6)</sup></b>																											
Proposition A 35%																											
Proposition C 25%																											
Proposition C 40%																											
Measure R 35%																											
Repayment of Cap Proj Loans																											
Other Local																											
Local Agency Funds																											
Proposition 1B PTMSEA																											
Regional Improvement Program																											
Section 5339 AA																											
TCRP																											
<b>Total</b>																											

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Exposition Boulevard Light Rail Transit Phase II Project Funding Comparison (excludes LRVs)**

(\$ in millions)		Prior		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024			
<b>As of March 2014</b>																											
Proposition A 35%		8.8		143.8		63.8		7.6		2.5		-		-		-		-		-		224.0		5.7		908.9	
Proposition C 25%		3.2		255.5		9.7																	45.3		48.9		
Measure R 35%		643.7																				28.4		47.8			
Other Local <sup>(2)</sup>																						-		-			
Repayment of Capital Projects Fund 3562																						-		-			
Local Agency Funds		36.5				8.8																					
Proposition 1B PTM/SEA <sup>(3)</sup>		48.9																									
Proposition 1B SLPP <sup>(8)</sup>		28.4				18.5																					
Regional Improvement Program		29.3																				-		-			
CMAQ & RSTP <sup>(4)</sup>																						-		-			
Section 5309 New Starts																						-		-			
Other State & Federal <sup>(5)</sup>																						-		-			
Total		798.8		417.81		82.41		10.05		0.00		0.00										1,309.1					
<b>As of Mar 2015</b>																											
Proposition A 35%		2.6		23.0		62.6		7.6		2.5		166.5										93.2		171.6		921.1	
Proposition C 25%		599.6				321.5																-		-			
Measure R 35%																						-		-			
Other Local <sup>(2)</sup>																						-		-			
Repayment of Capital Projects Fund 3562																						-		-			
Local Agency Funds		18.1			1.5		25.8															45.3		29.6			
Proposition 1B PTM/SEA <sup>(3)</sup>		15.2			14.4																	0.4		47.8			
Proposition 1B SLPP <sup>(8)</sup>		0.4																				-		-			
Regional Improvement Program		47.8																				-		-			
CMAQ & RSTP <sup>(4)</sup>																						-		-			
Section 5309 New Starts																						-		-			
Other State & Federal <sup>(5)</sup>																						-		-			
Total		683.7			38.9		409.9		10.1		166.5		0.0									1,309.1					
<b>Change<sup>(6)</sup></b>																											
Proposition A 35%		(8.8)		(120.8)		(1.2)		(0.0)		-		166.5										(130.8)					
Proposition C 25%		(0.6)		-		(44.1)		(255.5)		311.7		-										166.0					
Measure R 35%																						12.1					
Other Local <sup>(2)</sup>																						-		-			
Repayment of Capital Projects Fund 3562																						-		-			
Local Agency Funds		(18.4)			1.5		16.9															(0.0)		(19.3)			
Proposition 1B PTM/SEA <sup>(3)</sup>		(33.7)		14.4		-																(28.0)		(28.0)			
Proposition 1B SLPP <sup>(8)</sup>		(28.0)		-																		0.0		0.0			
Regional Improvement Program		18.5		(18.5)		-															-		-				
CMAQ & RSTP <sup>(4)</sup>		-		-		-		-		-		-		-		-		-		-		-					
Section 5309 New Starts																						-		-			
Other State & Federal <sup>(5)</sup>																						-		-			
Total		(115.1)		(378.9)		327.5		(0.0)		166.5		-		-		-		-			(0.0)						

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Gold Line Foothill Light Rail Transit Extension Project Phase 2A Funding Comparison (excludes LRVs)**

(\$ in millions)		As of March 2014		Prior		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		Total	
Proposition A 35%																													
Proposition C 25%																													
Proposition C 40%																													
Measure R																													
Measure R 35% TIFIA Loan <sup>(1)</sup>																													
Other Local <sup>(2)</sup>																													
Local Agency Funds																													
Proposition 1B PTM/SEA <sup>(3)</sup>																													
Regional Improvement Program																													
CMAQ & RSTP <sup>(4)</sup>																													
Other State & Federal <sup>(5)</sup>																													
Total																													
SRTP Mar 2014																													
As of Mar 2015		Mar 2015		Prior		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		Total	
Proposition A 35%																													
Proposition C 25%																													
Proposition C 40%																													
Measure R 35%																													
Measure R 35% TIFIA Loan <sup>(1)</sup>																													
Other Local <sup>(2)</sup>																													
Local Agency Funds																													
Proposition 1B PTM/SEA <sup>(3)</sup>																													
Regional Improvement Program																													
CMAQ & RSTP <sup>(4)</sup>																													
Other State & Federal <sup>(5)</sup>																													
Total																													
Change <sup>(6)</sup>																													
Proposition A 35%																													
Proposition C 25%																													
Proposition C 40%																													
Measure R 35%																													
Measure R 35% TIFIA Loan <sup>(1)</sup>																													
Other Local <sup>(2)</sup>																													
Local Agency Funds																													
Proposition 1B PTM/SEA <sup>(3)</sup>																													
Regional Improvement Program																													
CMAQ & RSTP <sup>(4)</sup>																													
Other State & Federal <sup>(5)</sup>																													
Total																													

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Regional Connector Project Funding Comparison**

(\$ in millions)	As of March 2014	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
TDA Admin	0.3												0.3
Measure R 35%													-
Measure R 35% TIFIA Loan <sup>(1)</sup>													160.0
Measure R 2%													-
Lease Revenues													64.2
Repayment of Capital Projects Fund 3562													132.1
Local Agency Funds													42.0
Proposition 1B PTM/SEA <sup>(3)</sup>													135.1
Proposition 1A High Speed Rail Bonds													114.9
Regional Improvement Program													17.0
CMAQ & RSTP <sup>(4)</sup>													64.0
Section 5309 New Starts													669.9
Total													1,399.5
As of Mar 2015	As of Mar 2015	0.3	61.9	55.9	55.9	17.9	6.2	18.1	-	-	-	0.3	
TDA Admin													-
Measure R 35%													160.0
Measure R 35% TIFIA Loan <sup>(1)</sup>													10.5
Measure R 2%													68.0
Lease Revenues													178.4
Repayment of Capital Projects Fund 3562													42.0
Local Agency Funds													135.1
Proposition 1B PTM/SEA <sup>(3)</sup>													114.9
Proposition 1A High Speed Rail Bonds													17.0
Regional Improvement Program													64.0
CMAQ & RSTP <sup>(4)</sup>													669.9
Section 5309 New Starts													1,460.0
Total													-
Change <sup>(6)</sup>	Change <sup>(6)</sup>	-	-	-	-	-	-	-	-	-	-	-	
TDA Admin													-
Measure R 35%													-
Measure R 35% TIFIA Loan <sup>(1)</sup>													-
Measure R 2%													10.5
Lease Revenues													3.7
Repayment of Capital Projects Fund 3562													46.3
Local Agency Funds													0.0
Proposition 1B PTM/SEA <sup>(3)</sup>													(0.0)
Proposition 1A High Speed Rail Bonds													-
Regional Improvement Program													0.0
CMAQ & RSTP <sup>(4)</sup>													-
Section 5309 New Starts													-
Total													60.5

## Fiscal Stability Overview and Funding Commitments Inventory West Santa Ana Branch Project Funding Comparison

(\$ in millions)		SRTF Mar 2014										Mar 2015									
		Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total			
<b>As of March 2014</b>																					
Proposition A 35%																					
Proposition C 25%																					
Proposition C 40%																					
Measure R 35%																					
Measure R 20% Transfer																					
Repayment of Cap Proj Loans																					
Local Agency Funds																					
Proposition 1B PTM/SEA																					
Regional Improvement Program																					
CMFAQ & RSTTP																					
Other State & Federal																					
<b>Total</b>			1.7	0.0	0.0	0.0	0.0	0.0	30.8	22.4	97.4	146.8	132.4	137.3	52.5	28.0	649.0				
<b>As of Mar 2015</b>																					
Proposition A 35%																					
Proposition C 25%																					
Proposition C 40%																					
Measure R 35%																					
Measure R 20% Transfer																					
Repayment of Cap Proj Loans																					
Local Agency Funds																					
Proposition 1B PTM/SEA																					
Regional Improvement Program																					
CMFAQ & RSTTP																					
Other State & Federal																					
<b>Total</b>			1.7	2.2	0.0	0.0	0.0	0.0	30.8	22.4	97.4	149.3	162.3	104.9	52.5	25.8	649.0				
<b>Change<sup>(6)</sup></b>																					
Proposition A 35%																					
Proposition C 25%																					
Proposition C 40%																					
Measure R 35%																					
Measure R 20% Transfer																					
Repayment of Cap Proj Loans																					
Local Agency Funds																					
Proposition 1B PTM/SEA																					
Regional Improvement Program																					
CMFAQ & RSTTP																					
Other State & Federal																					
<b>Total</b>			0.0	2.2	-	-	-	-	-	(5.7)	(3.4)	-	-	-	49.0	55.0	(19.5)	(2.2)	73.2	-	-

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Westside Purple Line Extension Project Funding Comparison (Section 1)**

		(\$ in millions)		Prior		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	Total
	<b>As of March 2014</b>			5.9														5.9
Other Local																		-
Proposition A 35%																		368.3
Proposition C 25%																		856.0
Measure R 35%																		37.8
Measure R 35% TIFIA Loan <sup>(1)</sup>																		39.9
Lease Revenues																		75.3
Repayment of Capital Projects Fund 3562																		2.6
Local Agency Funds																		12.2
Regional Improvement Program																		1,250.0
CMAQ & RSTP <sup>(4)</sup>																		1,039.6
Section 5309 New Starts																		(1,202.1)
5309 Capital Grant Recpt Rev Bonds Proceeds																		0.4
5309 Capital Grant Recpt Rev Bonds Repay & Int																		0.4
Other State & Federal <sup>(5)</sup>																		0.4
Total																		2,485.7
	<b>As of Mar 2015</b>			5.9														5.9
Other Local																		-
Proposition A 35%																		638.8
Proposition C 25%																		856.0
Measure R 35%																		37.8
Measure R 35% TIFIA Loan <sup>(1)</sup>																		40.0
Lease Revenues																		75.3
Repayment of Capital Projects Fund 3562																		2.6
Local Agency Funds																		12.2
Regional Improvement Program																		1,250.0
CMAQ & RSTP <sup>(4)</sup>																		1,039.6
Section 5309 New Starts																		(1,184.6)
5309 Capital Grant Recpt Rev Bonds Proceeds																		0.5
5309 Capital Grant Recpt Rev Bonds Repay																		0.5
Other State & Federal <sup>(5)</sup>																		0.5
Total																		2,773.9
	<b>Change<sup>(6)</sup></b>																	
Other Local																		-
Proposition A 35%																		-
Proposition C 25%																		-
Measure R 35%																		-
Measure R 35% TIFIA Loan <sup>(1)</sup>																		-
Lease Revenues																		-
Repayment of Capital Projects Fund 3562																		-
Local Agency Funds																		-
Regional Improvement Program																		-
CMAQ & RSTP <sup>(4)</sup>																		-
Section 5309 New Starts																		-
5309 Capital Grant Recpt Rev Bonds Proceeds																		(0.0)
5309 Capital Grant Recpt Rev Bonds Repay																		17.5
Other State & Federal <sup>(5)</sup>																		0.1
Total																		288.2

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Westside Purple Line Extension Project Funding Comparison (Section 2)**

(\$ in millions)	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
<b>As of March 2014</b>																
Planning/Environmental																
Proposition A 35%																
Proposition C 25%																
Measure R 35%																
Measure R 35% TIFIA Loan																
Lease Revenues																
Repayment of Capital Projects Fund 3562																
Local Agency Funds																
Regional Improvement Program																
CMAQ & RSTP																
Section 5309 New Starts																
5309 Capital Grant Rpt Rev Bonds Proceeds																
5309 Capital Grant Rpt Rev Bonds Repay & Int																
Other State & Federal																
<b>Total</b>		24.1	4.8	64.0	142.9	215.6	239.9	224.8	177.5	206.6	148.6	142.1	214.6	38.2	0.0	1,843.9
<b>As of Mar 2015</b>																
Planning/Environmental																
Proposition A 35%																
Proposition C 25%																
Measure R 35%																
Measure R 35% TIFIA Loan																
Lease Revenues																
Repayment of Capital Projects Fund 3562																
Local Agency Funds																
Regional Improvement Program																
CMAQ & RSTP																
Section 5309 New Starts																
5309 Capital Grant Rpt Rev Bonds Proceeds																
5309 Capital Grant Rpt Rev Bonds Repay & Int																
Other State & Federal																
<b>Total (including increase of \$374.3 plus \$55 for ca)</b>		18.6	34.1	67.1	338.2	210.8	293.7	324.7	299.4	298.3	223.3	116.3	38.7	10.0	0.0	2,273.2
<b>Change</b>																
Planning/Environmental																
Proposition A 35%																
Proposition C 25%																
Measure R 35%																
Measure R 35% TIFIA Loan <sup>(1)</sup>																
Lease Revenues																
Repayment of Capital Projects Fund 3562																
Local Agency Funds																
Regional Improvement Program																
CMAQ & RSTP <sup>(4)</sup>																
Section 5309 New Starts																
5309 Capital Grant Rpt Rev Bonds Proceeds																
5309 Capital Grant Rpt Rev Bonds Repay																
Other State & Federal <sup>(5)</sup>																
<b>Total \$374.3 plus \$55 for ca = \$429.3)</b>		(5.5)	29.3	3.1	195.3	(4.8)	53.8	99.9	121.9	91.7	74.7	(25.8)	(175.9)	(28.2)	-	429.4

**Fiscal Stability Overview and Funding Commitments Inventory  
Eastern and Southwest Yards (not in project budgets) - Funding Comparison**

(\$ in millions)		Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
<b>As of March 2014</b>													
Prop A 35%			231.0	60.5	42.6	4.3						338.4	
Prop C 40%						10.8						10.8	
Measure R 35%												-	
Measure R 2%			26.8	30.0								56.8	
Lease Revenues												-	
Repayment of Capital Projects Fund 3562												-	
Proposition 1B PTMSEA <sup>(3)</sup>												-	
Regional Improvement Program												-	
CMAQ & RSTP <sup>(4)</sup>			39.0		7.7							46.7	
<b>Total</b>			296.8	90.5	50.3	15.1	0.0	0.0	0.0	0.0	0.0	452.7	
<b>As of Mar 2015</b>													
Prop A 35%			137.9	29.9	25.8	26.5	32.5	12.9				265.5	
Prop C 40%												-	
Measure R 35%												-	
Measure R 2%			1.2	68.3	2.4		15.8					87.7	
Lease Revenues												-	
Repayment of Capital Projects Fund 3562												-	
Proposition 1B PTMSEA <sup>(3)</sup>												-	
Regional Improvement Program												-	
CMAQ & RSTP <sup>(4)</sup>												-	
<b>Total</b>			137.9	31.1	94.1	28.9	32.5	28.7	0.0	0.0	0.0	0.0	353.2
<b>Change<sup>(6)</sup></b>													
Prop A 35%			(93.1)	(30.6)	(16.8)	22.2	32.5	12.9					
Prop C 40%			-	-	(10.8)	-	-	-					(72.9)
Measure R 35%			-	-	-	-	-	-					(10.8)
Measure R 2%			(26.8)	(28.8)	68.3	2.4	-	15.8					30.9
Lease Revenues			-	-	-	-	-	-				-	
Repayment of Capital Projects Fund 3562			-	-	-	-	-	-				-	
Proposition 1B PTMSEA <sup>(3)</sup>			-	-	-	-	-	-				-	
Regional Improvement Program			-	-	-	-	-	-				-	
CMAQ & RSTP <sup>(4)</sup>			(39.0)	-	(7.7)	-	-	-				-	(46.7)
<b>Total</b>			(158.9)	(59.4)	43.8	13.8	32.5	28.7	-	-	-	-	(99.5)

Note: SRTP total was overstated by \$110 million due to prior year amount being overstated.

**Fiscal Stability Overview and Funding Commitments Inventory**  
**P3010 Light Rail Vehicles - Funding Comparison**

(\$ in millions)		2014 Prior	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024	Total
<b>As of March 2014</b>												
Prop A 35%	19.8	67.2	18.8	29.7								135.4
Prop C 40%		33.2	9.3	22.0								-
Measure R 35%			2.0	6.0								64.5
Measure R 2%												8.0
Lease Revenues												-
Other Local												-
Proposition 1B PTMISEA <sup>(3)</sup>	87.3	5.1										92.4
Regional Improvement Program	4.6	7.7	0.0	114.4	90.6							217.3
CMAQ & RSTP <sup>(4)</sup>	56.1			66.9								123.0
<b>Total</b>	<b>2011.0</b>	<b>74.3</b>	<b>35.8</b>	<b>57.7</b>	<b>114.4</b>	<b>157.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>640.6</b>
<b>As of Mar 2015</b>												
Prop A 35%		11.5	17.4	50.1	56.6							135.6
Prop C 40%		0.2	22.9	28.4	10.8	2.1						-
Measure R 35%		10.2		2.0		1.2	2.0	2.0				64.5
Measure R 2%												17.5
Lease Revenues												-
Other Local		0.1										0.1
Proposition 1B PTMISEA <sup>(3)</sup>	5.2	2.5	51.8	23.3	0.2							83.0
Regional Improvement Program	7.1	122.4				87.7						217.2
CMAQ & RSTP <sup>(4)</sup>	21.9	13.8		20.1			67.0					122.8
<b>Total</b>	<b>56.3</b>	<b>161.6</b>	<b>99.5</b>	<b>104.4</b>	<b>60.1</b>	<b>89.7</b>	<b>69.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>640.6</b>
<b>Change<sup>(6)</sup></b>												
Prop A 35%	(8.3)	(67.2)	(1.4)	20.5	56.6	-	-	-	-	-	-	0.1
Prop C 40%	-	-	-	-	-	-	-	-	-	-	-	-
Measure R 35%	(33.0)	22.9	19.1	(11.2)	2.1	-	-	-	-	-	-	(0.0)
Measure R 2%	10.2	(2.0)	2.0	(6.0)	1.2	2.0	2.0					9.5
Lease Revenues	-	-	-	-	-	-	-	-	-	-	-	-
Other Local	0.1	-	-	-	-	-	-	-	-	-	-	0.1
Proposition 1B PTMISEA <sup>(3)</sup>	(82.1)	(2.6)	51.8	23.3	0.2	-	-	-	-	-	-	(9.4)
Regional Improvement Program	2.6	122.4	(7.7)	(0.0)	(114.4)	(2.9)	-	-	-	-	-	(0.1)
CMAQ & RSTP <sup>(4)</sup>	(34.2)	13.8	-	20.1	-	(66.9)	67.0	-	-	-	-	(0.2)
<b>Total</b>	<b>(144.7)</b>	<b>87.3</b>	<b>63.7</b>	<b>46.7</b>	<b>(54.2)</b>	<b>(67.8)</b>	<b>69.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.0</b>

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Interstate 5 North Carpool Lanes from State Route 170 to State Route 134 Project Funding Comparison**

		(\$ in millions)		2014 Prior	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	Total
<b>As of March 2014</b>		43.4	11.3	121.0	72.6						248.3
Proposition C 25%											-
Proposition C 10%											-
Measure R 20%											-
Local Agency Funds		64.7									64.7
Proposition 1B CMIA <sup>(7)</sup>		13.1									13.1
Proposition 1B SLPP <sup>(8)</sup>											-
Proposition 1B Highway-Railroad Crossing Safety											-
Traffic Congestion Relief Program											-
CMAQ & RSTP <sup>(4)</sup>		22.0	80.0								102.0
Regional Improvement Program		109.4	30.0								139.3
Other State & Federal <sup>(5)</sup>		16.0	25.0								41.0
<b>Total</b>		268.6	146.3	121.0	72.6	0.0	0.0	0.0	0.0	0.0	608.4
<b>As of Mar 2015</b>											
Proposition C 25%		50.3									50.3
Proposition C 10%											-
Measure R 20%											228.5
Local Agency Funds		33.2									-
Proposition 1B CMIA <sup>(7)</sup>											64.7
Proposition 1B SLPP <sup>(8)</sup>		33.2	8.8	22.7							13.1
Proposition 1B Highway-Railroad Crossing Safety											-
Traffic Congestion Relief Program											-
CMAQ & RSTP <sup>(4)</sup>		20.5	42.0	35.7							98.2
Regional Improvement Program		109.7	30.0								139.7
Other State & Federal <sup>(5)</sup>		0.4	18.2	20.9							39.5
<b>Total</b>		260.3	99.0	97.8	61.6	53.6	49.8	11.7	11.7	11.7	633.9
<b>Change<sup>(6)</sup></b>											
Proposition C 25%		6.9	(11.3)	(121.0)	(72.6)	-	-	-	-	-	(198.0)
Proposition C 10%											-
Measure R 20%											228.5
Local Agency Funds		33.2	-	18.5	61.6	53.6	49.8	11.7			-
Proposition 1B CMIA <sup>(7)</sup>											0.0
Proposition 1B SLPP <sup>(8)</sup>		(31.5)	8.8	22.7	-	-	-	-	-		(0.0)
Proposition 1B Highway-Railroad Crossing Safety		(0.0)	-	-	-	-	-	-	-		-
Traffic Congestion Relief Program											-
CMAQ & RSTP <sup>(4)</sup>		-	-	-	-	-	-	-	-		(3.8)
Regional Improvement Program		(11.5)	(38.0)	35.7	-	-	-	-	-		0.3
Other State & Federal <sup>(5)</sup>		0.3	-	-	-	-	-	-	-		(1.5)
<b>Total</b>		(15.6)	(6.8)	20.9	-	-	-	-	-	-	25.5

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Interstate 5 South from Orange County Line to Interstate 605 (Includes Carmelita Interchange) Project Funding Comparison**

		(\$ in millions)		Prior		2014	2015	2016	2017	2018	2019	2020	2021	2022	Total
Mar 2014 RTD QRT SLP Total	<b>As of March 2014</b>														
	Proposition C 25%	52.8	13.7	103.1	160.9	154.6	54.8	52.5							592.5
	Proposition C 10%														-
	Measure R 20%		0.5											0.5	
	Local Agency Funds			89.3	165.9	59.8								315.0	
	Proposition 1B CMIA <sup>(7)</sup>		14.9											14.9	
	Proposition 1B SLPP <sup>(8)</sup>													-	
	Proposition 1B Highway-Railroad Crossing Safety			156.3	19.8	19.8								196.0	
	Traffic Congestion Relief Program			106.7	10.4	78.9								196.0	
	CMAQ & RSTP <sup>(4)</sup>			334.7	46.4	54.1								435.2	
Mar 2015 RTD QRT SLP Total	Regional Improvement Program			87.3	7.0										144.3
	Other State & Federal <sup>(5)</sup>														
	Total			842.6	263.3	261.6	215.0	154.6	104.8	52.5	0.0	0.0		1,894.3	
	<b>As of Mar 2015</b>														
	Proposition C 25%		42.8			23.4	65.0	50.2	30.8	6.0				218.1	
	Proposition C 10%			49.7	40.2	120.0								-	209.9
	Measure R 20%			0.5										0.5	
	Local Agency Funds				67.9	45.0	113.9	88.3						315.1	
	Proposition 1B CMIA <sup>(7)</sup>				14.9		0.0							14.9	
	Proposition 1B SLPP <sup>(8)</sup>				156.3	10.2	9.6	19.8						196.0	
Mar 2016 RTD QRT SLP Total	Traffic Congestion Relief Program				148.5		77.3	35.7	34.5					296.0	
	CMAQ & RSTP <sup>(4)</sup>				394.5	150.8	0.2							545.5	
	Regional Improvement Program				20.3	39.0	35.0							144.3	
	Other State & Federal <sup>(5)</sup>														
	Total			895.4	285.3	356.0	167.2	99.5	100.2	30.8	6.0	0.0		1,940.3	
	<b>Change<sup>(6)</sup></b>														
	Proposition C 25%				(10.1)	(13.7)	(103.1)	(137.5)	(89.6)	(4.6)	(21.7)	6.0			(374.3)
	Proposition C 10%				-	-	-	-	-	-	-	-			
	Measure R 20%				49.7	40.2	120.0	-	-	-	-	-		209.9	
	Local Agency Funds				-	-	-	-	-	-	-	-		-	
	Proposition 1B CMIA <sup>(7)</sup>				(21.5)	(120.9)	54.1	88.3	-	-	-	-		0.0	
	Traffic Congestion Relief Program				-	(9.6)	(10.2)	19.8	-	-	-	-		-	
	CMAQ & RSTP <sup>(4)</sup>				41.8	(10.4)	(1.6)	35.7	34.5	-	-	-		100.0	
	Regional Improvement Program				59.8	104.4	0.2	(54.1)	-	-	-	-		110.3	
	Other State & Federal <sup>(5)</sup>				(67.0)	32.0	35.0	-	-	-	-	-		0.0	
	Total				52.8	22.0	94.3	(47.8)	(55.1)	(4.6)	(21.7)	6.0		46.0	

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Interstate 10 Carpool Lanes from Interstate 605 to State Route 57 Project Funding Comparison**

(\$ in millions)		Project Funding Comparison									
		2014 Prior	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	Total
<b>As of March 2014</b>											
Proposition C 25%		2.1									79.0
Proposition C 10%											-
As of March 2014											-
Local Agency Funds											-
Proposition 1B CMIA <sup>(7)</sup>											-
Traffic Congestion Relief Program (TCRP)*											-
TCRP LONP*											-
CMAQ & RSTP <sup>(4)</sup>											89.4 (61.8)
Regional Improvement Program											232.7
Other State & Federal <sup>(5)</sup>											203.2
Total											86.5
<b>As of Mar 2015</b>											132.7
Proposition C 25%		2.1									-
Proposition C 10%											-
As of March 2014											-
Local Agency Funds											-
Proposition 1B CMIA <sup>(7)</sup>											-
Traffic Congestion Relief Program (TCRP)*											-
TCRP LONP*											-
CMAQ & RSTP <sup>(4)</sup>											89.4 (61.8)
Regional Improvement Program											193.8
Other State & Federal <sup>(5)</sup>											203.4
Total											86.4
											643.9
<b>Change<sup>(6)</sup></b>											
Proposition C 25%		-	-	-	-	0.1	(5.8)	7.5	37.1	14.8	-
Proposition C 10%		-	-	-	-	-	-	-	-	-	-
Measure R 20%		-	-	-	-	-	-	-	-	-	-
Local Agency Funds		-	-	-	-	-	-	-	-	-	-
Proposition 1B CMIA <sup>(7)</sup>		-	-	-	-	-	-	-	-	-	0.0
Traffic Congestion Relief Program (TCRP)*		0.0	-	-	-	-	-	-	-	-	-
TCRP LONP*		-	-	-	-	-	-	-	-	-	-
CMAQ & RSTP <sup>(4)</sup>		(2.9)	-	(9.7)	(8.6)	(30.7)	(8.0)	-	21.0	-	(38.9)
Regional Improvement Program		0.1	(9.8)	9.9	-	-	-	-	-	-	0.2
Other State & Federal <sup>(5)</sup>		(23.2)	(42.0)	28.6	29.8	6.7	-	-	-	-	(0.1)
Total		(26.0)	(51.8)	28.8	21.3	(29.8)	(0.6)	37.1	35.8	-	14.9

**Fiscal Stability Overview and Funding Commitments Inventory**  
**Interstate 405 Northbound Carpool Lanes from Interstate 10 to US-101 Project Funding Comparison**

			2014 Prior	2015	2016	2017	2018	2019	2020	Total
	<b>(\$ in millions)</b>									
	<b>As of March 2014</b>									
	Proposition C 25%									89.0
	Proposition C 10%									-
	Measure R 20%									-
	Local Agency Funds									6.3
	Proposition 1B CMIA <sup>(7)</sup>									640.1
	Proposition 1B SLPP <sup>(8)</sup>									-
	Proposition 1B Highway-Railroad Crossing Safety									-
	Traffic Congestion Relief Program									-
	CMAQ & RSTP <sup>(4)</sup>									90.0
	Regional Improvement Program									9.2
	Other State & Federal <sup>(5)</sup>									-
	<b>Total</b>									314.9
	<b>As of Mar 2015</b>									
	Proposition C 25%									89.0
	Proposition C 10%									-
	Measure R 20%									-
	Local Agency Funds									6.3
	Proposition 1B CMIA <sup>(7)</sup>									640.0
	Proposition 1B SLPP <sup>(8)</sup>									-
	Proposition 1B Highway-Railroad Crossing Safety									-
	Traffic Congestion Relief Program									-
	CMAQ & RSTP <sup>(4)</sup>									90.0
	Regional Improvement Program									99.2
	Other State & Federal <sup>(5)</sup>									-
	<b>Total</b>									306.9
	<b>Change<sup>(6)</sup></b>									
	Proposition C 25%									(0.0)
	Proposition C 10%									-
	Measure R 20%									-
	Local Agency Funds									-
	Proposition 1B CMIA <sup>(7)</sup>									(0.1)
	Proposition 1B SLPP <sup>(8)</sup>									-
	Proposition 1B Highway-Railroad Crossing Safety									-
	Traffic Congestion Relief Program									-
	CMAQ & RSTP <sup>(4)</sup>									90.0
	Regional Improvement Program									-
	Other State & Federal <sup>(5)</sup>									(7.9)
	<b>Total</b>									81.9

## **Fiscal Stability Overview and Funding Commitments Inventory**

### **SR-710 North Project Funding Comparison**

## Fiscal Stability Overview and Funding Commitments Inventory Interstate 710 South Project Funding Comparison

		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	Total	
(\$ in millions)	Prior	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	Total	
<b>As of March 2014</b>																													
Proposition C 25%	2.5																												2.5
Measure R 20%	14.8	22.0																											430.8
Local Agency Funds	0.9																												0.9
Traffic Congestion Relief Program																													-
CMAQ & RSTP <sup>(4)</sup>																													197.6
Regional Improvement Program																													52.6
Other State & Federal <sup>(5)</sup>																													-
TBD Highway Strategy Funding																													5,110.0
<b>Total</b>		18.2	257.0	757.0	767.0	757.0	767.0	522.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	523.0	5,794.4		
<b>As of Mar 2015</b>																													
Proposition C 25%	2.5	1.3																											43.2
Measure R 20%	0.6	8.0	12.0	8.0	6.0	10.0	8.6																					430.0	
Local Agency Funds	0.9																												0.9
Traffic Congestion Relief Program																													-
CMAQ & RSTP <sup>(4)</sup>																													156.5
Regional Improvement Program																													53.0
Other State & Federal <sup>(5)</sup>																													-
TBD Highway Strategy Funding																													4,220.0
<b>Total</b>		4.1	9.3	282.0	308.0	151.0	558.2	622.8	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	535.0	5,903.6			
<b>Change<sup>(6)</sup></b>																													
Proposition C 25%	0.0	1.3																											40.7
Measure R 20%	(14.2)	(14.0)	12.0	8.0	6.0	10.0	6.6	(5.0)																				(0.8)	
Local Agency Funds	(0.0)	-	-	-	-	-	-	-																				(0.0)	
Traffic Congestion Relief Program																													-
CMAQ & RSTP <sup>(4)</sup>																													0.4
Regional Improvement Program																													(41.2)
Other State & Federal <sup>(5)</sup>																													-
TBD Highway Strategy Funding																													(890.0)
<b>Total</b>		(14.1)	(24.7)	(475.0)	(459.0)	(371.0)	4.3	35.1	7.0	290.0	290.0	190.0	190.0	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(160.0)	(890.8)	

**Fiscal Stability Overview and Funding Commitments Inventory**  
**2015 & Future Call For Projects (CFP) and ATP**

(\$ in millions)		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031	
		2015	2016	2016	2017	2017	2018	2018	2019	2019	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025	2025	2026	2026	2027	2027	2028	2028	2029	2029	2030	2030	2031	Total			
<b>As of March 2014</b>																																					
Proposition C 25%																																					
Proposition C 10%																																					
Repayment of Capital Projects Fund 3562																																					
Transportation Alternatives (TAP)																																					
Regional Improvement Program																																					
Active Transportation Program (ATP)																																					
CMAQ & RSTP <sup>(4)</sup>																																					
<b>Total</b>		0.0	0.0	0.0	0.0	13.4	269.2	256.7	242.4	283.9	284.8	285.0	275.7	277.7	303.4	245.8	213.3	0.0	2.9512																		
<b>As of Mar 2015</b>																																					
Proposition C 25%																																					
Proposition C 10%																																					
Repayment of Capital Projects Fund 3562																																					
Transportation Alternatives (TAP)																																					
Regional Improvement Program																																					
Active Transportation Program (ATP)																																					
CMAQ & RSTP <sup>(4)</sup>																																					
<b>Total</b>		0.0	0.0	0.0	0.0	0.0	9.6	0.0	71.8	31.6	16.6	15.1	14.9	14.8	0.0	37.6	20.9	232.8																			
<b>Change<sup>(6)</sup></b>																																					
Proposition C 25%																																					
Proposition C 10%																																					
Repayment of Capital Projects Fund 3562																																					
Transportation Alternatives (TAP)																																					
Regional Improvement Program																																					
Active Transportation Program (ATP)																																					
CMAQ & RSTP <sup>(4)</sup>																																					
<b>Total</b>		-	-	-	-	(13.4)	(189.0)	16.7	(9.7)	(38.7)	(24.4)	(22.4)	(13.6)	(15.0)	(25.7)	(6.4)	(42.0)	205.0	(94.5)																		

## Fiscal Stability Overview and Funding Commitments Inventory

### Notes

- (1) TIFIA= Transportation Infrastructure Finance And Innovation Act
- (2) Other Local includes Lease Revenues, Local Transportation Funds and Transportation Development Act.
- (3) PTMSEA= Public Transportation Modernization, Improvement, and Service Enhancement Account
- (4) CMAQ= Congestion Mitigation and Air Quality; RSTP= Regional Surface Transportation Program.
- (5) Other State & Federal includes High Speed Rail Bonds, Section 5309 Bus & Bus-Related, Section 5339, Metro and Caltrans American Recovery and Reinvestment Act of 2009 funds, State Highway Operation and Protection Program (SHOPP), Transportation Enhancements, and Interregional Improvement Program (IIP).
- (6) Changes include LACMTA Board of Directors directed changes (by specific action or policy) and CEO delegated authority changes.
- (7) CMIA= Corridor Mobility Improvement Account
- (8) SLPP= State-Local Partnership Program Account