

LACMTA Financial Forecasting Model
Eastside Extension Phase II (from East Los Angeles)
30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R&R calc Rev. Ops. Date: 6/30/2020	2020		2013		Years '10-'19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	
	Project Total	Start Yr Dur (Yr)	Prior Years	Alloc %															
PROJECT COSTS (incl ROW, vehicles, yard, etc.)																			
Eastern Yard share of \$265			5.0		35.4	-	-	-	-	-	79.1	70.0	204.6	273.8	296.6	317.0	222.4	8.8	
Costs					1,463.5	8.8	-	-	-	-	79.1	70.0	240.0	273.8	296.6	317.0	222.4	8.8	
Subtotal					1,498.9	8.8	-	-	-	-	79.1	70.0	240.0	273.8	296.6	317.0	222.4	8.8	
Planning and Environmental					16.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Proj Costs (YOE) (all inclsv) (\$1529.4)			5.0		1,515.6	8.8	-	-	-	-	79.1	70.0	240.0	273.8	296.6	317.0	222.4	8.8	
Rehab & Replacement (for info only)						34.3	363.8	-	-	-	-	-	-	-	-	-	-	-	
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																			
Local																			
Prop. A - Direct					3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prop. C - Cash					4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Prop. A & C					3.2														
Other Local																			
Proposition C 25%					157.4	-	-	-	-	-	-	-	-	-	-	-	-	-	
Measure R QTIBs					1,264.3	-	-	-	-	-	79.1	70.0	240.0	273.8	296.6	113.8	191.1	-	
Measure R Cash (FIS 460232)					6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	
State Repay Capital Projects LONP Fund 3562					6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Local Agency Funds (3% of costs) (\$45.9)					45.9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Local					1,488.8						79.1	70.0	240.0	273.8	296.6	317.0	191.1	-	
State																			
Regional Improvement Prog Funds (RIP)-Transit					0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal State					0.5														
Federal																			
CMAQ - Transit					40.1	8.8	-	-	-	-	-	-	-	-	-	-	-	-	
RSTP - Transit					-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Federal					40.1	8.8													
Total Revenues					1,529.4	8.8					79.1	70.0	240.0	273.8	296.6	317.0	222.4	8.8	
Total Surplus/(Shortfall)																			
MTA Prop A/C or Financing Needed																			

Notes:
1. Measure R = \$1,271 (FY 22-24 to FY33-35).
2. FIS 400232, Measure R FIS 460232.
3. Unescalated cost = \$1,310 in 2006\$.

LACMTA Financial Forecasting Model

Eastside Light Rail Access (pedestrian)

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(\$ in millions) Open June 30, 2013	Project Total	Alloc %	Years		Years		Years		Years		Years		Years	
			'10-'19	'20-'29	'30-'40	2009	2010	2011	2012	2013	2014	2015	2016	
PROJECT COSTS														
Total Capital Costs	30.0		30.0	-	-	-	5.3	5.3	2.9	2.9	7.1	6.7	8.0	-
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)														
Other Local	30.0	100.0%	30.0	-	-	-	5.3	5.3	2.9	2.9	7.1	6.7	8.0	-
Measure R Sales Tax (\$30 M FY10-13)	30.0	100.0%	30.0	-	-	-	5.3	5.3	2.9	2.9	7.1	6.7	8.0	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	30.0	100.0%	30.0	-	-	-	5.3	5.3	2.9	2.9	7.1	6.7	8.0	-
Total Revenues	30.0	100.0%	30.0	-	-	-	5.3	5.3	2.9	2.9	7.1	6.7	8.0	-
Total Surplus/(Shortfall)	-		-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. Project Total includes prior years.

LACMTA Financial Forecasting Model

Gold Line (Pasadena)

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Rehab & Replacement Project Type Revenue Operations Fiscal Year	2003		7		1994		9		2009		2010		2011		2012		2013		2014		2015		
	Project Total	Alloc %	Start Yr Dur (Yr)	Prior Years	Years '10-'19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015										
PROJECT COSTS																							
Project Costs	629.1	-		627.6	1.5	-	-	0.6	0.9														
Right of Way (ROW) estimate for R&R calc	60.0			60.0	-	-	-	-	-														
Total	689.1			687.6	1.5			0.6	0.9														
Total Capital Costs Inflated	689.1			687.6	1.5			0.6	0.9														
Rehabilitation & Replacement	464.6				51.3	189.8	223.5	2.1	3.5	3.2	4.4	4.0	7.0										
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																							
Local																							
Prop. A - Direct	-			-	-	-	-	-	-														
Prop. C - Direct	9.4			9.4	-	-	-	-	-														
Subtotal Prop. A & C	9.4	1.4%		9.4																			
Other Local																							
Proposition C 25%	209.5			208.1	1.5	-	-	0.6	0.9														
TDA Article 4	0.2			0.2	-	-	-	-	-														
Public/Private Joint Venture	47.3			47.3	-	-	-	-	-														
Subtotal Local (including Prop A & C)	266.5	38.7%		265.1	1.5			0.6	0.9														
State																							
Prop. 108	20.0			20.0	-	-	-	-	-														
Prop. 116	40.0			40.0	-	-	-	-	-														
Other State Source/State Hwy Account	57.0			57.0	-	-	-	-	-														
Traffic Congestion Relief (TCRP)	40.0			40.0	-	-	-	-	-														
Regional Improvement Funds - Transit	264.8			264.8	-	-	-	-	-														
Subtotal State	421.8	61.2%		421.8																			
Federal																							
Section 5309 - Fixed Guideway Mod.	0.8			0.8	-	-	-	-	-														
Subtotal Federal	0.8	0.1%		0.8																			
Total Revenues	689.1	100.0%		687.6	1.5			0.6	0.9														
Total Surplus/(Shortfall)	(0.0)			(0.0)																			

NOTES:

1. Funding programmed to Pasadena Blue Line Construction Authority (PBLCA).
2. MTA did not construct the project but MTA operates the project.
3. Includes TCRP funding of \$40m for projects #34, #152, and #153.
4. Rehab and Replacement is reflected on the Rehab and Replacement page.
5. Project Total includes prior years.
6. 13.7 miles.
7. FIS #809005.

LACMTA Financial Forecasting Model

Green Line Extension to LAX

30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations Year for R&R calc (\$ in millions)	6 2019 Project Total	Start Yr Dur (Yr)	2013 6 Prior Years	Years		Years		Years		Years		Years		Years			
				'10-'19	'20-'29	'30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	
PROJECT COSTS (YOE)																	
Southwestern Yard 11.1% share of \$285.2 = \$31.7	31.7	13.1%		31.7	-	-	-	-	-	-	-	-	-	-	31.7	-	-
Other ROW, vehicles, construction	196.5	81.4%		196.5	-	-	13.9	40.0	40.0	60.0	60.0	14.6	35.5	24.5	8.0	-	-
Total Capital Costs incl ROW, vehicles, yard, etc.	228.2	94.6%		228.2	-	-	13.9	40.0	40.0	60.0	60.0	46.3	35.5	24.5	8.0	-	-
Environmental/Planning	13.1	5.4%		13.1	-	-	6.2	-	-	-	-	-	-	-	-	-	-
TOTAL PROJECT COST (YOE) (\$330)	241.3	100.0%		241.3	-	-	20.1	40.0	40.0	60.0	60.0	46.3	35.5	24.5	8.0	-	-
Rehab & Replacement (for info only)	86.3				9.6	76.7											
PROJECT REVENUES (capital and bridge loan only)																	
Local																	
Prop. A 35% Direct Cash	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C 40% Direct Cash	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Local																	
Proposition C 25%	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Local Agency Funds (3% of costs) (\$7.2)	7.2	3.0%		7.2	-	-	-	-	-	-	-	-	-	-	7.2	-	-
Measure R QTIBs	193.1	80.0%		193.1	-	-	20.1	40.0	40.0	60.0	60.0	46.3	26.7	-	-	-	-
Measure R Cash (FIS 460303)	6.9	2.9%		6.9	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Other Local	207.2	85.9%		207.2	-	-	20.1	40.0	40.0	60.0	60.0	46.3	26.7	7.2	-	-	-
State																	
Regional Improvement Program (RIP)	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal																	
CMAQ - Transit	34.1	14.1%		34.1	-	-	-	-	-	-	-	-	8.8	17.3	8.0	-	-
RSTP - Transit	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	34.1	14.1%		34.1	-	-	-	-	-	-	-	-	8.8	17.3	8.0	-	-
Total Revenues	241.3	100.0%		241.3	-	-	20.1	40.0	40.0	60.0	60.0	46.3	35.5	24.5	8.0	-	-
Total Surplus/(Shortfall) (Prop A 35% Bonds)	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

1. Project may advance if LAX provides funding.
2. Measure R = \$200 (FY10-12 to FY15-28), FIS 460303.
3. Unescalated total project cost = \$200 in 2008\$, \$202 in 2010\$.

LACMTA Financial Forecasting Model

High Speed Rail (Los Angeles to Anaheim)

30-10 8/19/11

Rev. Ops. Date 2019	Project Total	Alloc %	Years		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
			'10-'19	'20-'29	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
PROJECT COSTS	3,000.0		2,850.0	150.0	-	75.0	150.0	300.0	350.0	400.0	450.0	500.0	425.0	200.0	150.0	150.0
Total Capital Costs (all inclusive)	3,000.0		2,850.0	150.0	-	75.0	150.0	300.0	350.0	400.0	450.0	500.0	425.0	200.0	150.0	150.0
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																
State			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Improvement Prog Funds (RIP)-Transit		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Section 5309 - New Starts		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMAAQ - Transit		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal High Speed Rail Funds (assumed)	3,000.0	100%	2,850.0	150.0	-	75.0	150.0	300.0	350.0	400.0	450.0	500.0	425.0	200.0	150.0	150.0

LACMTA Financial Forecasting Model

Regional Connector

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Rehab & Replacement Project Type Revenue Operations FY for R & R calc	2019 Project Total	4 Start Yr Dur (Yr)	2013 Prior Years	Years		Years		Years		Years		Years		Years		Years		Years	
				'10-'19	'20-'29	'30-'40	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
PROJECT COSTS (YOY)																			
Guideways	269.1			269.1	-	-	-	15.3	99.7	86.4	33.4	34.4							
Stations	319.2			319.2	-	-	-	17.8	61.1	78.6	68.0	86.8	6.9						
Yards, Shops	2.6			2.6	-	-	-				0.4	2.3							
Special Conditions	157.6			157.6	-	-	-				43.4	24.8	8.5	3.5					
Systems	54.7			54.7	-	-	-				2.6	6.4	31.1	14.6					
Right of Way	196.0			196.0	-	-	-												
Vehicles	20.0			20.0	-	-	-	0.1	16.0	4.2	5.9								
Professional Services	260.5			253.0	7.5	-	-	9.2	19.1	38.7	36.8	25.7	39.7	35.4	25.3	23.1	7.5		
Unallocated Contingency	122.8			121.1	1.8	-	-				18.5	22.7	25.9	19.0	19.6	4.0	1.8		
Subtotal begin w/ PE (460228, 860228)	1,342.5			1,333.3	9.3	-	-	9.3	36.2	248.4	180.5	248.4	280.8	193.3	207.9	52.2	9.3		
Environmental/Planning (400228, 460228)	23.6			17.6	5.9	-	-	9.7	5.0	2.9									
Total (YOY)	1,366.1			1,350.9	9.3	-	-	9.7	14.3	39.1	124.6	180.5	248.4	193.3	207.9	52.2	9.3		
TOTAL PROJ COST \$1366.1 (all inclusive)	1,366.1			1,350.9	9.3	-	-	9.7	14.3	39.1	124.6	180.5	248.4	193.3	207.9	52.2	9.3		
Rehab & Replacement (for info only)	455.5			-	34.7	420.8													
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																			
Other Local																			
Proposition C 25% - not eligible	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop C 10% - not eligible	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop C 40% - not eligible	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measure R 35% Cash (\$160 beginning FY 14)	0.0			0.0	-	-	-	-	-	-	-	1.2	48.0	38.7	42.6	29.5	-	-	-
Measure R QTIBs	160.0			160.0	-	-	-	-	-	-	-	42.6	47.2						
Lease Revenues	90.0			89.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Repay Capital Projects LONP Fund 3562	95.3			91.6	-	-	-	9.7	14.3	39.1	4.8	23.6							
Local Agency (3% of \$1366.1 costs) (\$41.0)	41.0			41.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	386.4			382.4	-	-	-	9.7	14.3	39.1	4.8	67.4	95.2	79.7	42.6	39.3	(9.8)	-	-
State																			
High Speed Rail Bonds voted 11-4-08 (\$114.9)	114.9			114.9	-	-	-	-	-	-	10.5	34.4	70.0						
Prop 1B PTMISEA (\$175.5)	175.5			175.5	-	-	-	-	-	-	19.7	2.6	18.8	31.1	50.8	52.5	16.1		
Regional Improvement Funds - Transit	18.1			16.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	308.5			306.5	-	-	-	-	-	-	19.7	13.1	53.2	101.1	50.8	68.6	-	-	-
Federal																			
Sect 5309-New Starts (50% of \$1342.5--\$671.3)	671.3			662.0	9.3	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	100.0	62.0	9.3	
Subtotal Federal	671.3			662.0	9.3	-	-	-	-	-	100.0	100.0	100.0	100.0	100.0	62.0	9.3		
Total Revenues	1,366.1			1,350.9	9.3	-	-	9.7	14.3	39.1	124.6	180.5	248.4	193.3	207.9	52.2	9.3		
Total Surplus/(Shortfall)	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

1. FIS #400228, Meas R FIS 460228, 860228.
2. Measure R = \$160 (FY14-16 to FY 23-25).
3. Unescalated cost in 2011\$ = \$1228.6 including planning/environ.
4. Enter final design expected in Feb 2012.
5. Includes yard cost (in various categories above) at 3.85% share of Eastern rail yard \$265 = \$10.2

LACMTA Financial Forecasting Model

San Fernando Valley I-405 Transit

30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R & R Calc	6	2013		2012		2011		2010		2009		2008		2007		2006		2005		2004		2003		2002		2001		2000														
	2021	Start Yr	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000												
(\$ in millions) Rev. Ops. Date 6/30/2020	Project Total	Alloc %	Prior Years	Years '10-'19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020	2020												
PROJECT COSTS (YOE)																																										
Total incl ROW, vehicles, yard, etc.	1,380.1			1,366.5	13.6	-	-	-	1.0	38.8	135.8	232.8	242.8	325.3	281.6	108.4	13.6																									
Total Proj Costs (YOE) (all inclusive)	1,380.1			1,366.5	13.6	-	-	-	1.0	38.8	135.8	232.8	242.8	325.3	281.6	108.4	13.6																									
Rehab & Replacement (for info only)	304.6			-	28.6	276.0	-	-	-	-	-	-	-	-	-	-	-																									
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																																										
Local																																										
Prop. A - Direct	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Prop. C - Direct	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Subtotal Prop. A & C	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Other Local																																										
Proposition C 25%	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Prop C 40% Bonds	337.7		24.5%	324.1	13.6	-	-	-	-	-	-	0.8	242.0	283.9	214.9	108.4	13.6																									
Measure R QTIBS	1,000.0		72.5%	1,000.0	-	-	-	-	-	38.8	135.8	232.8	242.0	283.9	66.7	-	-																									
Local Agency Funds (3% of costs = \$41.4)	41.4		3.0%	41.4	-	-	-	-	-	-	-	-	-	41.4	-	-	-																									
Subtotal Local (incl. Prop. A & C, not \$'s)	1,379.1		99.9%	1,365.5	13.6	-	-	-	-	38.8	135.8	232.8	242.8	325.3	281.6	108.4	13.6																									
State																																										
Regional Improvement Prog (RIP)-PPM	1.0			1.0	-	-	-	-	1.0	-	-	-	-	-	-	-	-																									
Regional Improvement Prog Funds (RIP)-Transit	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Subtotal State	1.0		0.1%	1.0	-	-	-	-	1.0	-	-	-	-	-	-	-	-																									
Federal																																										
Section 5309 - New Starts	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
CMAQ - Transit	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
RSTP - Transit	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Subtotal Federal	-		0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Total Revenues	1,380.1		100.0%	1,366.5	13.6	-	-	-	1.0	38.8	135.8	232.8	242.8	325.3	281.6	108.4	13.6																									
Total Surplus/(Shortfall)	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-																									

Notes:

1. Project Total includes prior years.
2. Measure R = \$1,000 plus escalation (FY 30-32 to FY38-39).
3. FIS 460305.
4. Unescalated cost = \$1,000 in 2006\$.

LACMTA Financial Forecasting Model

San Fernando North-South - Canoga

30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R & R calc (\$ in millions) Rev. Ops. Date = 6/30/2012	2013 Project Total	8 Start Yr Dur (Yr)	2010 Prior Years	Years '10-'19	Years '20-'29	Years '30-'40	2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019					
							2009 2010	2009 2011	2010 2010	2010 2011	2011 2012	2011 2012	2012 2013	2012 2014	2013 2014	2013 2015	2014 2016	2014 2017	2015 2018	2015 2019												
PROJECT COSTS (YOE) Project costs including environmental	221.2		5.2	216.0	-	-	3.0	7.4	78.7	94.3	32.7																					
Total Proj Costs (YOE) (\$221.2)	221.2		5.2	216.0	-	-	3.0	7.4	78.7	94.3	32.7																					
Rehabilitation and Replacement	115.7				31.5	84.2																										
PROJECT REVENUES (FOR CAPITAL COSTS ONLY)																																
Local																																
Prop. A - Direct	-																															
Prop. C - Direct	-							0.0%																								
Subtotal Prop. A & C	-							0.0%																								
Other Local																																
Proposition C 25%	84.2			84.2	-	-						7.4	18.8	49.0	9.1																	
Measure R Cash (FIS 465513)	1.8			1.8	-	-						1.8																				
Subtotal Local (incl. Prop. A & C, not \$'s)	86.0			86.0	-	-						7.4	20.6	49.0	9.1																	
State																																
Prop 1B SLPP	61.8			61.8	-	-							7.4	45.3	9.1																	
Prop 1B PTMISEA	70.0			70.0	-	-																										
Traffic Congestion Relief Program (TCRP)	3.5			3.5	-	-																										
Subtotal State	135.2			130.0	-	-																										
Total Revenues	221.2			216.0	-	-						7.4	78.7	94.3	32.7																	
Total Surplus/(Shortfall)	0.0			0.0	0.0	0.0																										

Notes:

1. Project Total includes planning costs: \$ 221.2
2. Northern extension of Orange Line along the Canoga rail right-of-way to the Chatsworth Metrolink station; 6 miles with 3 stations and 1 park and ride station.
3. FIS #405513 and 800119. Measure R FIS 465513.
4. Unescalated cost = \$188 in 2008\$.

LACMTA Financial Forecasting Model

South Bay Green Line Extension

30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R&R calc (\$ in millions)	2019						2013										
	Project Total	Alloc %	Prior Years	Years '10-'19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	
PROJECT COSTS (YOE)																	
Southwestern yard 6.7% share of \$285.2 --\$19	19.0	5.7%		19.0	-	-	-	-	-	-	20.0	40.0	41.0	80.0	58.4	52.0	7.6
Other ROW, vehicles, construction	299.0	90.0%		299.0	-	-	-	-	-	-	20.0	40.0	60.0	80.0	58.4	52.0	7.6
Total Capital Costs incl ROW, vehicles, yard, etc.	318.0	95.7%		318.0	-	-	-	-	-	-	20.0	40.0	60.0	80.0	58.4	52.0	7.6
Environmental/Planning	14.4	4.3%		14.4	-	-	-	-	-	-	9.3	-	-	-	-	-	-
TOTAL PROJECT COSTS (all inclusive) (YOE)	332.5	100.0%		332.5													
Rehab & Replacement (for info only)	113.1			-	12.6	100.5	-	-	-	-	-	-	-	-	-	-	-
PROJECT REVENUES (capital and bridge loan only)																	
Local																	
Prop. A 35% Direct Cash	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C 40% Direct Cash	38.8	11.7%		38.8	-	-	-	-	-	-	-	-	-	-	37.7	1.1	1.1
Subtotal Prop. A & C	38.8	11.7%		38.8											37.7	1.1	1.1
Other Local																	
State Repay Capital Projects LONP Fund 3562	5.2	1.5%		5.2	-	-	-	-	-	-	3.6	-	-	-	-	-	-
Local Agency Funds (3% of costs) (\$10)	10.0	3.0%		10.0	-	-	-	-	-	-	-	29.3	40.0	60.0	70.0	10.0	-
Measure R QTIBs	272.0	81.8%		272.0	-	-	-	-	-	-	-	29.3	40.0	60.0	80.0	58.4	14.3
Subtotal Other Local	287.1	88.0%		287.1											14.3	14.3	-
Federal																	
CMAQ - Transit	6.5	2.0%		6.5	-	-	-	-	-	-	-	-	-	-	-	-	6.5
RSTP - Transit	-	0.0%		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	6.5	2.0%		6.5											-	-	6.5
Total Revenues	332.5	111.7%		332.5											58.4	52.0	7.6
Total Surplus/(Shortfall) (Prop A 35% Bonds)	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	0.0	0.0

- NOTES:**
1. Measure R = \$272 (FY 28-30 to FY33-35).
 2. \$5M set-aside approved by Board item 9.1 on 5/28/09.
 3. FIS 460304 and 860304.
 4. Unescalated total project cost = \$280 in 2008\$; \$282.8 in 2010\$.

LACMTA Financial Forecasting Model

West Santa Ana Branch

30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations Fiscal Year (ROD)	2019						2013					
	Project Total	Alloc %	Start Yr Dur (Yr)	2013 Years	2014 Years	2015 Years	2016 Years	2017 Years	2018 Years	2019 Years	2020 Years	
PROJECT COSTS (YOE)												
Total Capital Costs incl ROW, vehicles, yard, etc.	281.7											
Subtotal Project Costs	281.7											
Environmental/Planning	7.7											
TOTAL COSTS (YOE)	289.4											
Rehab & Replacement (for info only)	98.4											
PROJECT REVENUES												
Local												
Prop. A Direct Cash	-	0.0%										
Prop. C 40% Direct Cash	-	0.0%										
Subtotal Prop. A & C	-	0.0%										
Other Local												
Proposition A 35% Bonds	-	0.0%										
Proposition C 40% Bonds	39.6	13.7%										
Local Agency Funds (3% of \$649) (\$8.7)	8.7	3.0%										
Proposition C 25%	1.1	0.4%										
Measure R QTIBs	240.0	82.9%										
Subtotal Other Local	289.4	100.0%										
State												
Regional Improvement Program (RIP)	-	0.0%										
Subtotal State	-	0.0%										
Federal												
CMAQ - Transit	-	0.0%										
RSTP - Transit	-	0.0%										
Subtotal Federal	-	0.0%										
Total Revenues	289.4	100.0%										
Total Surplus/(Shortfall) (Prop A 35% Bonds)	0.0	0.0%										

NOTES:

1. Measure R = \$240 (FY 15-17 to FY25-27). FIS 460201.
2. If project receives a \$264 M R Highway Subfund transfer, after such transfer, total cost will be \$649 M and 3% local contrib will be \$19.5 M.

LACMTA Financial Forecasting Model

Westside Subway Extension
 Wilshire/Western to Westwood/WVA
 30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R&R calc (\$ in millions)	2021		2013		Prior Years	Years '10-19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019
	Project Total	Alloc %	Start Yr Dur (Yr)	2013 8														
PROJECT COSTS (all inclusive)(YOE)																		
Guideways	1,312.4	25.6%				1,312.4	-	-				276.4	452.9	333.2	178.5	49.5	21.8	
Stations	774.1	15.1%				690.8	83.3	-				83.7	107.8	22.2	-	274.8	202.2	
Yards, Shops	118.1	2.3%				118.1	-	-				5.5	17.0	41.0	42.2	12.4		
Special Conditions	482.0	9.4%				448.7	33.3	-		8.6	57.8	68.7	94.3	97.2	75.1	25.8	21.2	
Systems	355.0	6.9%				206.1	148.8	-				18.4	22.1	6.5	-	34.5	124.5	
Right of Way	396.3	7.7%				396.3	-	-		10.6	385.8	-	-	-	-	-	-	
72 Vehicles	573.4	11.2%				560.3	13.1	-				53.4	170.0	116.7	60.1	31.0	19.1	
Professional Services	712.8	13.9%				497.5	215.3	-		19.3	21.4	51.9	66.8	68.8	70.9	73.0	75.2	
Unallocated Contingency	404.7	7.9%				355.8	48.9	-		1.4	3.7	59.0	64.4	57.8	43.0	41.8	43.1	
Subtotal costs beginning with PE	5,128.8	100.0%				4,586.1	542.8	-		20.7	44.3	606.3	995.4	743.4	469.7	542.9	507.2	
Environmental/Planning	30.6				9.1	21.5	-	-	11.1	10.2	0.2	-	-	-	-	-	-	
Subtotal Project Cost (YOE)	5,159.4				9.1	4,607.6	542.8	-	11.1	30.9	44.5	606.3	995.4	743.4	469.7	542.9	507.2	
Finance Charges (CGRRB interest)	472.9					220.7	252.2	-	-	-	-	8.2	30.3	33.3	34.5	42.9	42.9	
TOTAL (YOE)	5,632.3				9.1	4,828.3	795.0	-	11.1	30.9	44.5	614.5	1,025.7	776.7	504.1	585.7	550.1	
Rehab & Replacement (for info only)	1,123.0					-	42.1	1,081.0	-	-	-	-	-	-	-	-	-	
PROJECT REVENUES (For Capital Costs Only)																		
Local																		
Other Local																		
Slate Repay Cap Proj LOMP Fnd 3562	120.3	2.1%				120.3	-	-	11.1	30.9	44.5	33.8	-	-	9.2	3.4	142.2	
LTF General Revenues	2.4	0.0%			2.4	-	-	-	-	-	-	-	-	-	-	-	-	
Local Agency (3% of \$5159.4) (\$154.8)	154.8	2.7%				154.8	-	-	-	-	-	-	-	-	-	-	-	
TDA Article 4	3.8	0.1%			3.8	-	-	-	-	-	-	-	-	-	-	-	-	
Measure R TIFIA Loans (\$640.8)	640.8	11.4%				577.3	63.5	-	-	-	-	-	-	-	282.0	182.0	113.3	
Measure R QTIBS	1,981.6	35.2%				1,871.0	110.6	-	-	-	228.5	28.6	833.2	553.0	34.5	11.6	181.6	
Measure R Cash	326.3	5.8%				74.1	252.2	-	-	-	-	-	-	-	31.3	42.9	-	
Subtotal Other Local (% incl A & C)	3,229.9	57.3%			6.2	2,797.4	426.3	-	11.1	30.9	44.5	262.3	833.2	553.0	325.7	228.2	480.0	
State																		
Regional Improvement Funds - Transit	2.9	0.1%			2.9	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal State	2.9	0.1%			2.9													
Federal																		
5309 New Starts	2,399.5	42.6%				1,049.8	1,349.7	-	-	-	150.0	150.0	150.0	150.0	150.0	150.0	150.0	
5309 Capital Grant Rpt Rev Bonds Proceeds	1,135.2	20.2%				1,060.9	74.3	-	-	-	202.3	506.4	42.6	73.8	28.5	207.5	-	
5309 Capital Grant Rpt Rev Bonds Repayment	(1,135.2)	-20.2%				(79.9)	(1,055.4)	-	-	-	-	-	-	-	-	-	(79.9)	
Subtotal Federal	2,399.5	42.6%				2,030.9	368.7	-	-	-	352.2	656.3	192.6	223.8	178.5	357.5	70.1	
Total Revenues	5,632.3	100.0%			9.1	4,828.3	795.0	-	11.1	30.9	44.5	614.5	1,025.7	776.7	504.1	585.7	550.1	
Total Surplus/(Shortfall)																		
TIFIA Finance Chrgs (interest pd by Meas R)	60.6					-	60.6	-	-	-	-	-	-	-	-	-	-	
Total including TIFIA Finance Charges	5,692.9				9.1	4,828.3	855.6	-	11.1	30.9	44.5	614.5	1,025.7	776.7	504.1	585.7	550.1	

NOTES:
 1. Measure R = \$4,074 for all segments (FY13-36).
 2. 3.82 miles, 3 stations.
 3. Planning FIS 405518, Measure R FIS 465518 and 865518.

LACMTA Financial Forecasting Model

Westside Subway Extension
 Wilshire/Western to Westwood/VA
 30-10 8/19/11

Rehab & Replacement Project Type Revenue Operations FY for R&R calc	1																						
	2021	2021	2020	2020	2021	2021	2022	2022	2023	2023	2024	2024	2025	2025	2026	2026	2027	2027	2028	2028	2029	2029	
(\$ in millions)	Project																						
Rev. Operations Date (ROD) 6/30/2021	Total																						
PROJECT COSTS (all inclusive)(YOE)	1,312.4																						
Guideways	774.1	83.3																					
Yards, Shops	118.1																						
Special Conditions	482.0	16.4	16.9																				
Systems	355.0	91.6	37.8		19.4																		
Right of Way	396.3																						
72 Vehicles	573.4	13.1																					
Professional Services	712.8	108.4	65.8		41.1																		
Unallocated Contingency	404.7	30.5	12.4		6.0																		
Subtotal costs beginning with PE	5,128.8	343.4	132.8		66.5																		
Environmental/Planning	30.6																						
Subtotal Project Cost (YOE)	5,159.4	343.4	132.8		66.5																		
Finance Charges (CGRRB interest)	472.9	42.6	42.6		39.7		36.4	30.3	24.2	18.2	12.1	6.1											
TOTAL (YOE)	5,632.3	386.1	175.5		106.2		36.4	30.3	24.2	18.2	12.1	6.1											
Rehab & Replacement (for info only)	1,123.0																						
PROJECT REVENUES (For Capital Costs Only)																							
Local																							
Other Local																							
State Repay Cap Proj LONP Fnd 3562	120.3																						
LTF General Revenues	2.4																						
Local Agency (3% of \$5159.4) (\$154.8)	154.8																						
TDA Article 4	3.8																						
Measure R TIFIA Loans (\$640.8)	640.8	63.5																					
Measure R QTIBs	1,981.6	55.7	54.9																				
Measure R Cash	326.3	42.6	42.6		39.7		36.4	30.3	24.2	18.2	12.1	6.1											
Subtotal Other Local (% incl A & C)	3,229.9	161.8	97.6		39.7		36.4	30.3	24.2	18.2	12.1	6.1											
State																							
Regional Improvement Funds - Transit	2.9																						
Subtotal State	2.9																						
Federal																							
5309 New Starts	2,399.5	150.0	150.0		150.0		150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
5309 Capital Grant Rcpt Rev Bonds Proceeds	1,135.2	74.3																					
5309 Capital Grant Rcpt Rev Bonds Repayment	(1,135.2)		(72.1)		(83.5)		(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	
Subtotal Federal	2,399.5	224.3	77.9		66.5		(83.5)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	(150.0)	
Total Revenues	5,632.3	386.1	175.5		106.2		36.4	30.3	24.2	18.2	12.1	6.1											
Total Surplus/(Shortfall)																							
TIFIA Finance Chrgs (interest pd by Meas R)	60.6				10.2		24.3	26.1															
Total including TIFIA Finance Charges	5,692.9	386.1	175.5		116.4		60.7	56.4															

- NOTES:
1. Measure R = \$4,074 for all segments (FY13-36).
 2. 3.82 miles, 3 stations.
 3. Planning FIS 405518, Measure R FIS 465518 and 865518.

LACMTA Financial Forecasting Model

Contingency for Rail Yards and Rail Cars

30-10 8/19/11

(\$ in millions)	Project Total	Alloc %	Years '10-'19		Years '20-'29		Years '30-'40		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
PROJECT COSTS																				
Contingency for yards/cars	60.0	-	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
Total Capital Costs	60.0	-	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
PROJECT REVENUES (For Capital Costs Only)																				
Local																				
Prop. A - Direct (PA 35% Bonds)	60.0	100.0%	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
Prop. C - Direct (PC 40% Cash)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financing	-	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	60.0	100.0%	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
Other Local																				
State																				
Regional Improvement Funds - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	60.0	100.0%	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0
Total Surplus/(Shortfall)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTA Prop A Financing	60.0	100.0%	-	60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.0

NOTES:

**LACMTA Financial Forecasting Model
Lankershim Depot Restoration
30-10 8/19/11**

	Plan Total	Years		Years		2009		2010		2011		2012	
		'10-'19	'20-'29	'30-'40	'10	'11	'10	'11	'10	'11	'10	'11	'10
PROJECT COSTS													
Cost	2.3	2.3	-	-	1.1	1.2	-	-	-	-	-	-	-
Total Cost	2.3	2.3	-	-	1.1	1.2	-	-	-	-	-	-	-
PROJECT REVENUES													
Local													
Prop. A - Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct	-	-	-	-	-	-	-	-	-	-	-	-	-
Financings	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C													
Other Local	-	-	-	-	-	-	-	-	-	-	-	-	-
Local Agency (L.A. City Funds)	1.1	1.1	-	-	1.1	1.2	-	-	1.1	-	-	-	-
Prop. C 25%	1.2	1.2	-	-	-	-	-	-	-	-	-	1.2	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	2.3	2.3	-	-	1.1	1.2	-	-	1.1	-	-	1.2	-
Total Revenues	2.3	2.3	-	-	1.1	1.2	-	-	1.1	-	-	1.2	-
Total Surplus/(Shortfall)	0.0	-	-	-	-	-	-	-	-	-	-	-	-
MTA Prop A/C or Financing	0.0	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

FIS 800118.

LACMTA Financial Forecasting Model
Other Rail Costs
30-10 8/19/11

	Total '10-'40	Years		Years		Years		Years		Years		Years		Years		Years	
		'10-'19	'20-'29	'30-'40	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019		
PROJECT COSTS																	
Westlake/MacArthur Park Joint Dev (401001)	6.7	6.7	-	-	2.8	3.3	0.7	-	-	-	-	-	-	-	-	-	-
Sustainability Projects (45000x)	1.6	1.6	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-
Gold Line & other Maintenance Facility Improvements	76.0	76.0	-	-	-	-	-	-	38.0	38.0	-	-	-	-	-	-	-
Red Line Improvements & Mitigation	79.0	-	79.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	163.3	84.3	79.0	-	4.4	3.3	0.7	-	38.0	38.0	-	-	-	-	-	-	-
Total Capital Costs Inflated	163.3	84.3	79.0	-	4.4	3.3	0.7	-	38.0	38.0	-	-	-	-	-	-	-
PROJECT REVENUES																	
Local	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. A 35% Bonds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C 40%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Local	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State Repay Capital Projects LONP Fund 3562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop C 10%	6.7	6.7	-	-	2.8	3.3	0.7	-	-	-	-	-	-	-	-	-	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	6.7	6.7	-	-	2.8	3.3	0.7	-	-	-	-	-	-	-	-	-	-
State	79.0	-	79.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Improvement Prog Funds (RIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Traffic Congestion Relief Program (TCRP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	79.0	-	79.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Section 5309 Bus and Bus-Related Facilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMAQ - Transit	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	85.7	6.7	79.0	-	2.8	3.3	0.7	-	-	-	-	-	-	-	-	-	-
Total Surplus/(Shortfall)	(77.6)	(77.6)	-	-	(1.6)	-	-	-	(38.0)	(38.0)	-	-	-	-	-	-	-
MTA Prop A/C or Financ (not eligible for subways)	77.6	77.6	-	-	1.6	-	-	-	38.0	38.0	-	-	-	-	-	-	-

NOTES:

- Systemwide includes: Public Affairs & other, Construction Division support, insurance expenses, miscellaneous equipment.

LACMTA Financial Forecasting Model
Other Rail Costs
30-10 8/19/11

	Total '10-'40	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024	2024 2025	2025 2026	2026 2027	2027 2028	2028 2029
PROJECT COSTS											
Westlake/MacArthur Park Joint Dev (401001)	6.7										
Sustainability Projects (45000x)	1.6										
Gold Line & other Maintenance Facility Improvements	76.0										
Red Line Improvements & Mitigation	79.0			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
Subtotal	163.3			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
Total Capital Costs Inflated	163.3			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
PROJECT REVENUES											
Local											
Prop. A 35% Bonds	-										
Prop. C 40%	-										
Subtotal Prop. A & C	-										
Other Local											
State Repay Capital Projects LONP Fund 3562	-										
Prop. C 10%	6.7										
Subtotal Local (incl. Prop. A & C %, not \$'s)	6.7										
State											
Regional Improvement Prog Funds (RIP)	79.0			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
Traffic Congestion Relief Program (TCRP)	-										
Subtotal State	79.0			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
Federal											
Section 5309 Bus and Bus-Related Facilities	-										
CMAQ - Transit	-										
Subtotal Federal	-										
Total Revenues	85.7			19.8	19.8	19.8	19.8	19.8	19.8	19.8	
Total Surplus/(Shortfall)	(77.6)										
MTA Prop A/C or Financ (not eligible for subways)	77.6										

NOTES:

1. Systemwide includes: Public Affairs & other, Construction
 Division support, insurance expenses, miscellaneous equipment.

**LACMTA Financial Forecasting Model
 Planning for Future Transit Projects
 30-10 & 19/11**

	Plan Total	Years		Years		Years		Years		Years		Years		Years		Years		Years	
		'10-'19	'20-'29	'30-'40	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
PROJECT COSTS																			
Planning for future new projects	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Cost	25.0	25.0	25.0																
PROJECT REVENUES																			
Local																			
Prop. A - Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State																			
Regional Improvement Prog Funds (RIP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Surplus/(Shortfall)	(25.0)	(25.0)	(25.0)																
MTA Prop A/C or Financing	25.0	25.0	25.0																

NOTES:

LACMTA Financial Forecasting Model
 Rail System Improvements
 30-10 8/19/11

	Total '10-'40	Years '10-'19	Years '20-'29	Years '30-'40	2009 2010	2010 2011	2011 2012	2012 2013	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019
PROJECT COSTS														
Red Line - North Hollywood terminal	109.2	26.1	83.1	-	-	-	-	-	-	-	-	-	-	26.1
Red/Purple Line - Union Station upgrade Div 20	128.7	95.1	33.6	-	-	-	-	-	-	-	-	30.8	31.7	32.6
Red/Purple Line - Train Control for 2.5 min trunk headways	73.4	-	73.4	-	-	-	-	-	-	-	-	-	-	-
Red/Purple Line - Traction Power to support headways	138.2	-	87.5	50.7	-	-	-	-	-	-	-	-	-	-
Red Line - Ventilation System - North Hollywood	177.4	156.7	20.6	-	-	-	0.5	0.2	0.4	5.6	29.9	36.9	50.7	32.6
Subtotal Red/Purple System Improvements	626.8	277.9	298.3	50.7	-	-	0.5	0.2	0.4	5.6	29.9	67.7	82.4	91.4
Eastside Quad Gate Study & Ph 1 (MR 2%) (460202, 460300)	10.4	10.4	-	-	0.5	8.6	1.4	-	-	-	-	-	-	-
Eastside LRT Enhancements (800288)	20.6	20.6	-	-	16.8	3.8	-	-	-	-	-	-	-	-
Buena Vista Yards Improvement (Midway yard) (405554)	0.3	0.3	-	-	-	-	0.3	-	-	-	-	-	-	-
Rosa Parks Station Design (405555)	0.6	0.6	-	-	-	-	0.6	-	-	-	-	-	-	-
Systemwide Design Advice Panel (405556)	0.4	0.4	-	-	-	-	0.4	-	-	-	-	-	-	-
Subtotal	32.3	32.3	-	-	17.3	12.3	2.7	-	-	-	-	-	-	-
Subtotal Costs	659.1	310.2	298.3	50.7	17.3	12.3	3.2	0.2	0.4	5.6	29.9	67.7	82.4	91.4
Metro Rail ARRA Projects	81.0	81.0	-	-	27.4	53.6	-	-	-	-	-	-	-	-
Total Costs	740.1	391.2	298.3	50.7	44.7	65.9	3.2	0.2	0.4	5.6	29.9	67.7	82.4	91.4
PROJECT REVENUES														
Local														
Prop A 35%	3.9	3.9	-	-	0.7	3.2	-	-	-	-	-	-	-	-
Prop C 40%	12.2	12.2	-	-	12.2	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	16.2	16.2	-	-	13.0	3.2	-	-	-	-	-	-	-	-
Other Local														
Reimbursemt from GL LAX, SB GL, Eastside2, & systemwide	170.0	86.1	83.9	-	-	-	-	-	-	-	-	-	19.0	67.1
Prop C 10%	4.4	4.4	-	-	3.8	0.6	-	-	-	-	-	-	-	-
Measure R 2%	350.4	176.3	142.4	31.7	0.5	8.6	3.2	0.2	0.4	5.6	29.9	67.7	60.4	-
Subtotal Local (incl. Prop. A & C %, not \$'s)	524.8	266.8	226.3	31.7	4.3	9.1	3.2	0.2	0.4	5.6	29.9	67.7	79.4	67.1
State														
Regional Improvement Prog Funds (RIP)	32.1	27.3	4.8	-	-	-	-	-	-	-	-	-	3.0	24.3
Subtotal State	32.1	27.3	4.8	-	-	-	-	-	-	-	-	-	3.0	24.3
Federal														
ARRA	81.0	81.0	-	-	27.4	53.6	-	-	-	-	-	-	-	-
Subtotal Federal	81.0	81.0	-	-	27.4	53.6	-	-	-	-	-	-	-	-
Total Revenues	654.1	391.2	231.1	31.7	44.7	65.9	3.2	0.2	0.4	5.6	29.9	67.7	82.4	91.4
Total Surplus/(Shortfall)	(86.1)	-	(67.1)	(19.0)	-	-	-	-	-	-	-	-	-	-
MTA Prop A/C Needed (not eligible for subways)	86.1	-	67.1	19.0	0.0	-	-	-	-	-	-	-	-	-

NOTES:

- ARRA Projects: Escalator Canopies (\$6.6 M), 7th & Metro Egress (\$1.8 M), Blue Line Traction Power Substation(s) (\$70 M), Fiber Optic Transmission Equipment-MRL, MBL & MGL (\$2.5 M).
- Eastside LRT Enhancements LOP = \$55.9 M.

Unescalated Red/Purple System Improvements

Red Line-North Hollywood terminal \$80	80.0	-	-	-	-	-	-	-	-	-	-	-	-	20.0
Red/Purple Line-Union Sta upgrade Div 20 \$100	100.0	-	-	-	-	-	-	-	-	-	-	-	25.0	25.0
Red/Pur-Train Contr for 2.5 min trunk hdways \$50	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Red/Purple-Traction Pwr to support headways \$80	80.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Red Line-Ventilation System-North Hollywood \$140	140.0	-	-	-	-	-	-	-	4.8	25.0	30.0	40.0	25.0	-
Total	450.0	-	-	-	-	-	-	-	-	-	-	-	-	-

LACMTA Financial Forecasting Model
 Rail System Improvements
 30-10 8/19/11

	Total '10-40	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
PROJECT COSTS															
Red Line - North Hollywood terminal	109.2	26.9	27.7	28.5	-	-	-	-	-	-	-	-	-	-	-
Red/Purple Line - Union Station upgrade Div 20	128.7	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
Red/Purple Line - Train Control for 2.5 min trunk headways	73.4	-	-	-	73.4	-	-	-	-	-	-	-	-	-	-
Red/Purple Line - Traction Power to support headways	138.2	-	-	-	10.4	-	-	-	31.7	9.9	35.4	28.7	22.0	-	-
Red Line - Ventilation System - North Hollywood	177.4	13.4	7.2	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Red/Purple System Improvements	626.8	73.9	34.9	28.5	83.9	-	-	-	31.7	9.9	35.4	28.7	22.0	-	-
Eastside Quad Gate Study & Ph 1 (MR 2%) (460202, 460300)	10.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Eastside LRT Enhancements (800288)	20.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Buena Vista Yards Improvement (Midway yard) (405554)	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosa Parks Station Design (405555)	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Systemwide Design Advice Panel (405556)	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	32.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Costs	659.1	73.9	34.9	28.5	83.9	-	-	-	31.7	9.9	35.4	28.7	22.0	-	-
Metro Rail ARRA Projects	81.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	740.1	73.9	34.9	28.5	83.9	-	-	-	31.7	9.9	35.4	28.7	22.0	-	-
PROJECT REVENUES															
Local															
Prop A 35%	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop C 40%	12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	16.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Local															
Reimbursement from GL LAX, SB GL, Eastside2, & systemwide	170.0	-	-	-	83.9	-	-	-	-	-	-	-	-	-	-
Prop C 10%	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measure R 2%	350.4	69.1	34.9	28.5	-	-	-	-	-	9.9	-	28.7	3.0	-	-
Subtotal Local (incl. Prop. A & C %, not \$ \$)	524.8	69.1	34.9	28.5	83.9	-	-	-	-	9.9	-	28.7	3.0	-	-
State															
Regional Improvement Prog Funds (RIP)	32.1	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	32.1	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-
Federal															
ARRA	81.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	81.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	654.1	73.9	34.9	28.5	83.9	-	-	-	-	9.9	-	28.7	3.0	-	-
Total Surplus/(Shortfall)	(86.1)	-	-	-	0.0	-	-	-	(31.7)	(0.0)	(35.4)	-	(19.0)	-	-
MTA Prop A/C Needed (not eligible for subways)	86.1	-	-	-	-	-	-	-	31.7	0.0	35.4	-	19.0	-	-
NOTES:															
1. ARRA Projects: Escalator Canopies (\$6.8 M), 7th & Metro Egress (\$1.8 M), Blue Line Traction Power Substation(s) (\$70 M), Fiber Optic Transmission Equipment-MFL, MEL & MGL (\$2.5 M).															
2. Eastside LRT Enhancements LOF = \$55.9 M															
Unescalated Red/Purple System Improvements															
Red Line-North Hollywood terminal \$80	80.0	20.0	20.0	20.0	20.0	-	-	-	-	-	-	-	-	-	-
Red/Purple Line-Union Sta upgrade Div 20 \$100	100.0	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Red/Pur-Train Contr for 2.5 min trunk hdways \$50	50.0	-	-	-	50.0	-	-	-	-	-	-	-	-	-	-
Red/Purple-Traction Pwr to support headways \$80	80.0	-	-	-	7.1	-	-	-	19.2	5.8	20.2	15.9	11.8	-	-
Red Line-Ventilation System-North Hollywd \$140	140.0	10.0	5.2	-	-	-	-	-	-	-	-	-	-	-	-
Total	450.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1. ARRA Projects: Escalator Canopies (\$6.8 M), 7th & Metro Egress (\$1.8 M), Blue Line Traction Power Substation(s) (\$70 M), Fiber Optic Transmission Equipment-MFL, MEL & MGL (\$2.5 M).

2. Eastside LRT Enhancements LOF = \$55.9 M

Unescalated Red/Purple System Improvements

Red Line-North Hollywood terminal \$80

Red/Purple Line-Union Sta upgrade Div 20 \$100

Red/Pur-Train Contr for 2.5 min trunk hdways \$50

Red/Purple-Traction Pwr to support headways \$80

Red Line-Ventilation System-North Hollywd \$140

Total

LACMTA Financial Forecasting Model
Light Rail Yards (not in project budgets)
30-10 8/19/11

(\$ in millions)	Total '10-'40	Alloc %	Years		Years		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019					
			'10-'19	'20-'29	'30-'40	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019																
PROJECT COSTS																																
Eastern Yard \$265 - \$188.7 not in 1st decade projs	188.7	-	188.7	-	-	-	32.2	32.2	77.8	77.8	55.0	23.7																				
Southwestern Yard \$285.2 - \$145.8 not in 1st decade proj	145.8	-	145.8	-	-	-	-	-	-	-	45.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	10.8										
Total Capital Costs	334.5	-	334.5	-	-	-	32.2	32.2	77.8	77.8	100.0	53.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	10.8											
REHABILITATION AND REPLACEMENT																																
PROJECT REVENUES (For Capital Costs Only)																																
Local																																
Prop. A - Direct (PA 35% Bonds)	32.2	9.6%	32.2	-	-	-	32.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Prop. A - Direct (PA 35% Cash)	70.8	21.2%	70.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Prop. A & C	103.0	30.8%	103.0	-	-	-	32.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Local																																
Measure R 2%	13.4	4.0%	13.4	-	-	-	-	-	-	-	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Other Local (% incl A & C)	13.4	4.0%	13.4	-	-	-	13.4	-	-	-	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	116.4	34.8%	116.4	-	-	-	32.2	32.2	13.4	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Surplus/(Shortfall)	(218.1)	65.2%	(218.1)	-	-	-	-	-	(64.4)	(64.4)	(100.0)	(53.7)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MTA Prop A Financing	321.1		321.1	-	-	-	32.2	32.2	64.4	64.4	100.0	53.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

1. Santa Monica yard 48 car capacity. Storage-Washington siding track \$12+ YOE, 12 cars.
2. See Board Item #19, 8/4/11. Funded with \$165 from rail yard reserve; \$383.7 in first decade project budgets, \$169.5 from heavy rail system improvements deferral and loan.

LACMTA Financial Forecasting Model
P2550 Light Rail Vehicles
30-10 & 19/11

(\$ in millions)	Total '10-'40	Alloc %	Years '10-'19	Years '20-'29	Years '30-'40	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
						2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
P2550 Light Rail Vehicles Base 40 cars (\$152.9 less \$21.9=\$114.6 total project cost)	28.8		28.8	-	-	11.3	17.4	-	-	-	-	-	-	-	-	-
Total Costs	28.8		28.8	-	-	11.3	17.4	-	-	-	-	-	-	-	-	-
Total Capital Costs Inflated	28.8		28.8	-	-	11.3	17.4	-	-	-	-	-	-	-	-	-
PROJECT REVENUES																
Local	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. A - Direct Cash	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct Cash	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Financings	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	10.1%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Local	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (including Prop. A & C %, not \$'s)	-	10.1%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
State	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STA - Population Share	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Regional Improvement Prog Funds (RIP)- Transit	25.9	89.9%	25.9	-	-	11.3	14.5	-	-	-	-	-	-	-	-	-
Subtotal State	25.9	89.9%	25.9	-	-	11.3	14.5	-	-	-	-	-	-	-	-	-
Federal	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Section 5309 - Fixed Guideway Mod.	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CMAQ - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RSTP - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	25.9	100.0%	25.9	-	-	11.3	14.5	-	-	-	-	-	-	-	-	-
Total Surplus/(Shortfall-Financing Needed)	(2.9)		(2.9)	-	-	-	(2.9)	-	-	-	-	-	-	-	-	-
MTA Prop A or Financing	2.9		2.9	-	-	-	2.9	-	-	-	-	-	-	-	-	-

NOTES:

1. STIP PPNO 3225, 4025.
2. FIS 800151 (and Expo 206035).
3. 10 cars for Eastside LRT are included on the Eastside project page.
4. Savings of \$21.9 M reprogrammed (RSTP & CMAQ) to P3010 LRVs.

LACMTA Financial Forecasting Model

P3010 Light Rail Vehicles

30-10 8/19/11

(\$ in millions)	Total '10-'40	Alloc %	Prior Years	Years '10-'19	Years '20-'29	Years '30-'40	2009		2010		2011		2012		2013		2014		2015		2016		2017	
							2009	2010	2010	2011	2011	2012	2012	2013	2013	2014	2014	2015	2015	2016	2016	2017		
P3010 - 78 total vehicles @ \$4,300.13 = \$335.4	335.4		0.03	335.4	-	-	0.1	15.8	22.1	22.1	32.5	46.1	150.5	68.3	-	-	-	-	-	-	-	-	-	-
Total Costs	335.4	-	0.03	335.4	-	-	0.1	15.8	22.1	22.1	32.5	46.1	150.5	68.3	-	-	-	-	-	-	-	-	-	-
Total Capital Costs	335.4		0.03	335.4	-	-	0.14	15.75	22.10	22.10	32.50	46.10	150.53	68.29	-	-	-	-	-	-	-	-	-	-
PROJECT REVENUES																								
Local																								
Prop. A - Direct Cash	0.03		0.03	0.03	-	-	0.03	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct Cash	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	0.03	0.0%	0.0	0.03	-	-	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Local																								
Measure R, 35% (for Gold Line Foothill) (\$64.5)	64.5	19.2%		64.5	-	-		0.06	7.1	7.1	6.0	10.6	28.4	12.4	-	-	-	-	-	-	-	-	-	-
Prop C 25%	0.1	0.0%		0.1	-	-		0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Local Agency Funds	0.04	0.0%		0.04	-	-		0.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (including Prop. A & C)	64.6	19.3%	0.0	64.6	-	-	0.1	0.1	7.1	7.1	6.0	10.6	28.4	12.4	-	-	-	-	-	-	-	-	-	-
State																								
Prop 1B PTMISEA (for Expo I) (\$5.2)	5.2	1.5%		5.2	-	-		1.8	2.8	2.8	2.8	2.8	2.8	0.6	-	-	-	-	-	-	-	-	-	-
Regional Improv Prog (RIP (for Expo I & II) (\$174.87)	174.9	52.1%	0.03	174.9	-	-	0.1	0.1	2.9	2.9	21.9	27.8	122.1	-	-	-	-	-	-	-	-	-	-	-
Subtotal State	180.1	53.7%	0.03	180.1	-	-	0.1	1.8	2.9	2.9	24.7	27.8	122.1	0.6	-	-	-	-	-	-	-	-	-	-
Federal																								
CMAQ - Transit (for Expo II) (\$41.3)	41.3	12.3%		41.3	-	-		13.8	12.1	12.1	1.8	7.7	27.9	-	-	-	-	-	-	-	-	-	-	-
RSTP - Transit (for Expo I and II) (\$49.4)	49.4	14.7%		49.4	-	-		13.8	12.1	12.1	1.8	7.7	27.9	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	90.7	27.0%	0.0	90.7	-	-	0.14	13.8	12.1	12.1	1.8	7.7	55.3	0.6	-	-	-	-	-	-	-	-	-	-
Total Revenues	335.4	100.0%	0.03	335.4	-	-	0.14	15.75	22.10	22.10	32.50	46.10	150.53	68.29	-	-	-	-	-	-	-	-	-	-
Total Surplus/(Shortfall-Financing Needed)	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metro Prop A/C or Financing	-		-	0.0	-	-	-	0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

- \$21.9 of CMAQ and RSTP transferred from P2550 LRVs.
 - 16 Expo I = \$68.8
 - 47 Expo II = \$202.1
 - 15 Gold Line Foothill = \$64.5
- Total 335.4

LACMTA Financial Forecasting Model

Future Light Rail Vehicles

30-10 8/19/11

(\$ in millions)	Total '10-'14	Alloc %	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
			2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
Future Light Rail Vehicle Procurement I	250.5	-	-	-	-	-	-	-	-	-	-	-	-
Future Light Rail Vehicle Procurement II	97.8	-	-	-	-	-	-	-	-	45.4	52.4	-	-
Future Light Rail Veh Procurement (St of Good Repair)	948.1	-	73.6	52.1	34.1	34.6	61.3	64.3	50.4	1.4	57.0	64.8	64.8
Total Costs	1,296.5	-	73.6	52.1	34.1	34.6	61.3	64.3	50.4	46.8	109.4	64.8	64.8
Total Capital Costs Inflated	1,296.5	-	73.6	52.1	34.1	34.6	61.3	64.3	50.4	46.8	109.4	64.8	64.8
PROJECT REVENUES													
Local													
Prop. A - Direct Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Financings	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	78.1%	-	-	-	-	-	-	-	-	-	-	-
Other Local	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Measure R 2%	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (including Prop. A & C %, not \$'s)	-	78.1%	-	-	-	-	-	-	-	-	-	-	-
State													
Regional Improvement Prog Funds (RIP)-Transit	284.6	21.9%	-	6.0	6.1	6.3	6.4	6.6	6.6	6.8	7.0	7.2	7.2
Subtotal State	284.6	21.9%	-	6.0	6.1	6.3	6.4	6.6	6.6	6.8	7.0	7.2	7.2
Federal													
Section 5309 - Fixed Guideway Mod.	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
CMAQ - Transit (may not be eligible)	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
RSTP - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	284.6	100.0%	-	6.0	6.1	6.3	6.4	6.6	6.6	6.8	7.0	7.2	7.2
Total Surplus/(Shortfall-Financing Needed)	(1,011.9)		(73.6)	(46.1)	(28.0)	(28.3)	(54.9)	(57.7)	(43.8)	(40.1)	(102.4)	(57.6)	(57.6)
MTA Prop A/C or Financing	1,011.9		73.6	46.1	28.0	28.3	54.9	57.7	43.8	40.1	102.4	57.6	57.6

NOTES:

LACMTA Financial Forecasting Model

Future Light Rail Vehicles

30-10 & 19/11

(\$ in millions)	Total '10-'40	Alloc %	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
			2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Future Light Rail Vehicle Procurement I	250.5	-	-	-	-	-	-	-	-	-	-	-	-
Future Light Rail Vehicle Procurement II	97.8	-	-	-	-	-	-	-	-	-	-	-	-
Future Light Rail Veh Procurement (St of Good Repair)	948.1	-	64.7	87.5	70.1	1.8	42.3	42.5	48.9	44.5	46.4	5.5	0.4
Total Costs	1,296.5	-	64.7	87.5	70.1	1.8	42.3	42.5	48.9	44.5	46.4	5.5	0.4
Total Capital Costs Inflated	1,296.5	-	64.7	87.5	70.1	1.8	42.3	42.5	48.9	44.5	46.4	5.5	0.4
PROJECT REVENUES													
Local													
Prop. A - Direct Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct Cash	-	-	-	-	-	-	-	-	-	-	-	-	-
Financings	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C	-	78.1%	-	-	-	-	-	-	-	-	-	-	-
Other Local	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Measure R 2%	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Subtotal Local (including Prop. A & C %, not \$'s)	-	78.1%	-	-	-	-	-	-	-	-	-	-	-
State													
Regional Improvement Prog Funds (RIP)-Transit	284.6	21.9%	7.4	7.4	7.4	1.8	5.3	7.4	-	7.4	7.4	5.5	0.4
Subtotal State	284.6	21.9%	7.4	7.4	7.4	1.8	5.3	7.4	-	7.4	7.4	5.5	0.4
Federal													
Section 5309 - Fixed Guideway Mod.	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
CMAQ - Transit (may not be eligible)	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
RSTP - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Subtotal Federal	-	0.0%	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	284.6	100.0%	7.4	7.4	7.4	1.8	5.3	7.4	-	7.4	7.4	5.5	0.4
Total Surplus/(Shortfall-Financing Needed)	(1,011.9)		(57.3)	(80.1)	(62.7)	-	(37.0)	(35.1)	(48.9)	(37.1)	(39.0)	-	-
MTA Prop A/C or Financing	1,011.9		57.3	80.1	62.7	-	37.0	35.1	48.9	37.1	39.0	-	-

NOTES:

LACMTA Financial Forecasting Model

Heavy Rail Vehicles

30-10 8/19/11

(\$ in millions)	Total '10-'40	Alloc %	Years		Years		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		
			'10-'19	'20-'29	'30-'40	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Heavy Rail Vehicles	73.1	-	-	73.1	-	-	-	-	10.2	10.2	10.2	31.2	31.2	31.7	31.7	-	-	-	-	-	-	-	-	-	-	-	-
Total Costs	73.1	-	-	73.1	-	-	-	-	10.2	10.2	10.2	31.2	31.2	31.7	31.7	-	-	-	-	-	-	-	-	-	-	-	-
Total Capital Costs Inflated	73.1	-	-	73.1	-	-	-	-	10.2	10.2	10.2	31.2	31.2	31.7	31.7	-	-	-	-	-	-	-	-	-	-	-	-
PROJECT REVENUES																											
Local																											
Prop. A - Direct Cash	-			-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prop. C - Direct Cash	-			-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal Prop. A & C (not eligible)	-	0.0%		-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Local																											
Lease	14.6	0.0%	-	14.6	-	-	-	-	2.0	2.0	2.0	6.2	6.2	6.3	6.3	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Local (including Prop. A & C %, not \$'s)	14.6	20.0%	-	14.6	-	-	-	-	2.0	2.0	2.0	6.2	6.2	6.3	6.3	-	-	-	-	-	-	-	-	-	-	-	
State																											
STA - Population Share	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Regional Improvement Prog Funds (RIP)-Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal State	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Federal																											
Section 5309 - Fixed Guideway Mod.	58.5	80.0%	-	58.5	-	-	-	-	8.2	8.2	8.2	25.0	25.0	25.4	25.4	-	-	-	-	-	-	-	-	-	-	-	
CMAQ - Transit	-	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Federal	58.5	80.0%	-	58.5	-	-	-	-	8.2	8.2	8.2	25.0	25.0	25.4	25.4	-	-	-	-	-	-	-	-	-	-	-	
Total Revenues	73.1	100.0%	-	73.1	-	-	-	-	10.2	10.2	10.2	31.2	31.2	31.7	31.7	-	-	-	-	-	-	-	-	-	-	-	
Total Surplus/(Shortfall+Financing Needed)	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Metro Prop A/C or Financing (not eligible)	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

NOTES:

LACMTA Financial Forecasting Model
State of Good Repair (Rehab & Replacement) Summary
30-10 8/19/11

State of Good Repair	Plan Total	Alloc %	Years '10-'19		Years '20-'29		Years '30-'40		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
			6.5	49.6	19.0	72.4	442.6	139.6	170.1	25.5	196.5	752.2	Thru FY19 -see rail capital summary page for actual amounts						
Estimated Direct Funding																			
Section 5309 Fixed Guideway Modernization	56.1	0.7%																	
TDA Article 4	-	0.0%																	
Regional Improvement Program (RIP)	533.9	2.0%	19.0	72.4	442.6														
CMAQ	214.1	0.0%	-	74.6	139.6														19.0
RSTP	170.1	0.0%	-	-	170.1														
Total	974.2	2.6%	25.5	196.5	752.2														5.2
RAIL CAPITAL																			
Blue Line - 7th/Flower to Long Beach	467.8	7.2%	-	20.1	447.7														
Red Line - Segment-1 LAUPT to Wilshire/Alvarado incl below	-	0.0%	-	-	-														
Red/Purple Line-Segs 1-3: LAUPT to Wilshire/Alvarado, Wilshire/Western & Hollywood/Vine, N. Hollywood	640.2	9.8%	-	227.1	413.1														
Red Line - Segment-3 to North Hollywood incl above	-	0.0%	-	-	-														
Green Line - Norwalk - El Segundo	644.7	9.9%	-	128.6	516.1														
Gold Line - Pasadena	243.1	3.7%	-	141.0	102.1														
Gold Line - Eastside Extension	166.1	2.5%	-	90.5	75.6														
Subtotal Current Lines (7/10 Rail Asset database)	2,161.9	33.1%	607.3	1,554.6															
Mid-City Expo - Phase I	408.1	6.3%	-	93.9	314.2														
Mid-City Expo - Phase II	469.2	7.2%	-	67.7	401.5														
Gold Line Foothill Extension	329.5	5.1%	-	54.0	275.5														
Crenshaw/LAX Transit Corridor	546.0	8.4%	-	49.4	496.6														
Regional Connector	455.5	7.0%	-	34.7	420.8														
Westside Subway Extension-Segment 1	1,123.0	17.2%	-	42.1	1,081.0														
Westside Subway Extension-Segment 2	-	0.0%	-	-	-														
Westside Subway Extension-Segment 3	-	0.0%	-	-	-														
Green Line - LAX	86.3	1.3%	-	9.6	76.7														
San Fernando Valley I-405 Corridor	43.0	0.7%	-	-	43.0														
South Bay Green Line Extension	113.1	1.7%	-	12.6	100.5														
Eastside Extension from East Los Angeles	388.0	5.9%	-	34.3	353.8														
Subtotal Future Lines	3,961.8	60.7%	398.3	3,563.5															
Subtotal Rail	6,123.7	93.9%	1,005.6	5,118.2															
Current - Orange Line	285.1	4.4%	-	283.9	1.2														
Future - San Fernando Valley North-South (Canoga)	115.7	1.8%	-	31.5	84.2														
Subtotal BRT	400.8	6.1%	315.4	85.4															
Rehab. and Replacement Grand Total	6,524.5	100.0%	0.0	1,321.0	5,203.5														
Beginning Balance	0.0		0.0	0.0	(1,124.5)														
Surplus/(Shortfall)	(5,550.3)		25.5	(1,124.5)	(4,451.3)														
Cumulative Ending Balance	(5,550.3)		25.5	(1,124.5)	(5,575.8)														
Prop A Funding Needed																			

NOTES:

1. Total costs are on the Rail Capital/Transit Corridors Summary pg.