

Proposed Budget Fiscal Year 2016

July 1, 2015 – June 30, 2016



Los Angeles County Metropolitan Transportation Authority
Office of Management and Budget
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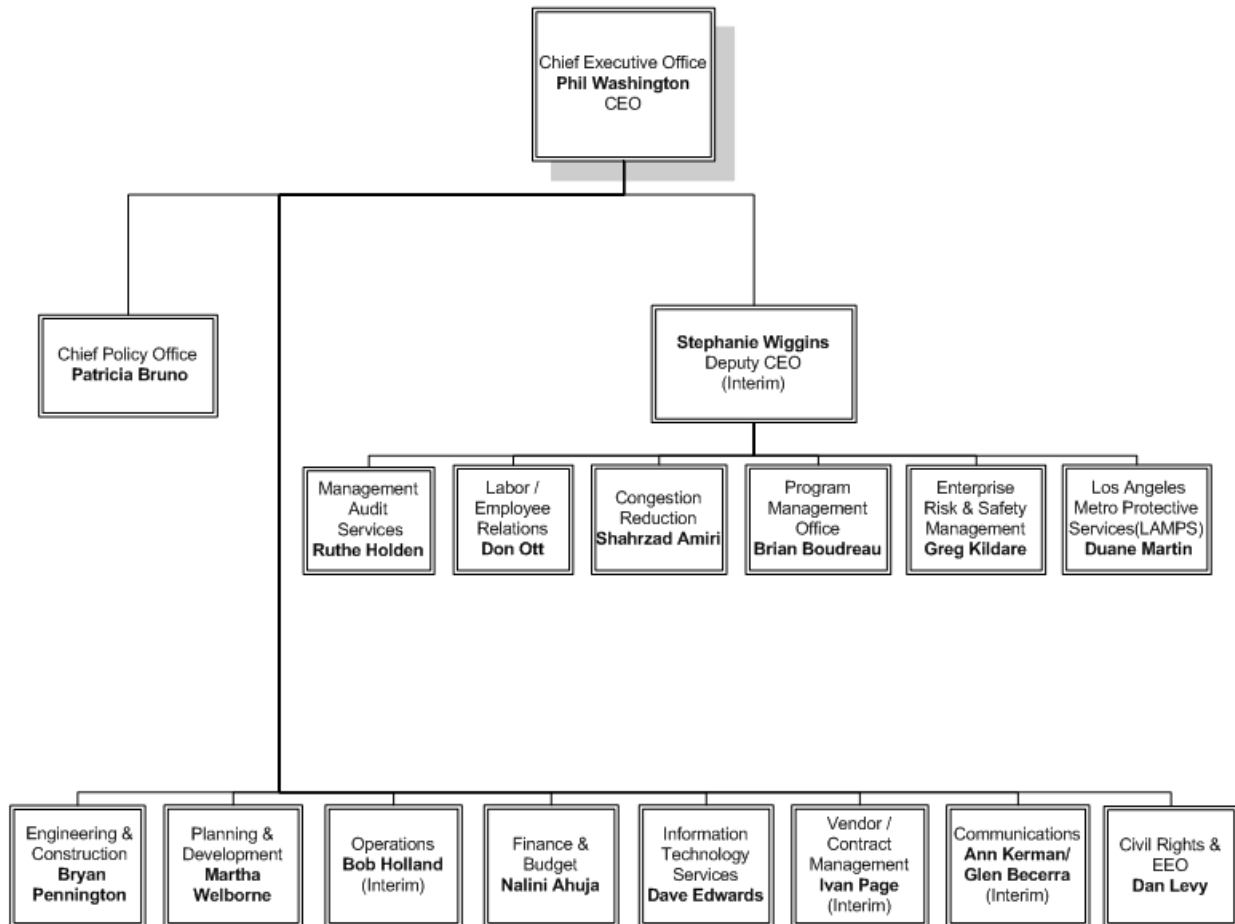
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Introduction

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FY16 Organization Chart



Budget Message

Metro is proposing a \$5.6 billion, balanced budget for Fiscal Year 2016 (FY16). In FY16, five major rail lines are in construction, with the Expo Line extension to Santa Monica and Gold Line Foothill Phase 2A extension opening before summer 2016. The opening of these lines will connect our mountains and our beach communities, allowing residents and visitors to experience LA and all it has to offer. With our continued expansion, our transportation network will connect neighborhoods as never before. Construction of the Crenshaw/LAX Transit Corridor, the Regional Connector and the Purple Line extension are already underway.

Metro is about more than buses and trains. It is about quality of life and livability improvements for a more walkable and bikeable environment. It is about first/last mile connections. It is also about highways, which our sprawling region relies heavily on as part of an integrated and multi-faceted transportation network.

The safety of our passengers and employees is our first priority. In FY16, \$51 million is directed to safety and security capital projects, which include infrastructure improvements and technology enhancements, such as cameras and video screens on our buses and rail stations. We continue our commitment to keeping our system in top form by targeting \$360 million to maintain our existing bus and rail systems.

Metro continues to administer and sponsor programs designed to facilitate the reduction of traffic congestion in Los Angeles, by assisting broken down vehicles or clearing traffic accidents and by promoting ride sharing and carpooling. As part of the congestion management program, the ExpressLanes congestion pricing program on the I-10 and I-110 freeways continues to attract drivers, as commuters who switch from general purpose lanes to the toll lanes enjoy a speedier commute. Tolls are expected to generate \$62.2 million in FY16.

In FY16, almost \$1.4 billion in subsidies is going right back into LA County. Regional transit agencies, Access Services and Metrolink receive funding to ensure mobility. With 88 cities and unincorporated areas of LA County investing in public transit, streets and roads, bikeways and pedestrian improvements in their areas.

In September, we began offering free 2-hour transfers on Metro to make travel more efficient and economical for customers – a move that has proved highly popular with customers. And with 26 transit agencies on TAP, the ease of regional mobility and connectivity for LA County is becoming a reality.

As Metro builds new rail lines, expands services, and enhances service quality, we face financial challenges by FY18. We can address these challenges by taking small steps now to avoid more extreme measures in the future. By spending responsibly, exploring innovative improvements, and seeking additional revenue opportunities, we can achieve a state of sustained financial stability. Under judicious control, with only a 1% increase from last year's budget, this budget includes many programs and projects to improve transportation for our customers throughout Los Angeles County.

Budget Highlights

Improved Bus and Rail Service

FY16 marks the highly anticipated opening of the Expo Line extension to Santa Monica and Gold Line Foothill Phase 2A extension to Azusa. This will expand our rail system by twenty percent and add thirteen stations to these lines to increase customer convenience and connectivity. Always striving to enhance the trip experience of our customers, we will continue to improve our transit network by constantly evaluating service improvement options suggested by our Service Councils and customers. We are also implementing pilot projects to improve speed of customer boarding (e.g. all-door bus boarding) and building new applications (e.g. Mobile TAP Application) to make fare payment more convenient.

Safety and reliability is our number one priority. To that end, we will be purchasing 78 new light rail vehicles for the FY16 Expo II and Foothill to Azusa service openings and 60 additional vehicles for future rail service expansion. With the recent approval to purchase 350 new buses, nearly half of the Metro bus service fleet will be replaced. A total of 900 new 40 foot buses will replace retirement-ready buses resulting in improvements to the in-service fleet performance.

To improve system infrastructure and ensure that proper infrastructure is in-place to operate our expanded Gold Line and Expo Line, two new operating & maintenance facilities will open in FY16. The Monrovia Division will support the Gold Line and the Santa Monica Division will support the Expo Line. Other infrastructure focus is on maintaining our current bus and rail vehicles, tracks, and systems by performing all scheduled component overhauls and mid-life maintenance services. Our emphasis will also be on maintenance of all our rail lines, including the older Blue Line and Red Line systems.

Looking to the future and the changing transportation footprint of Los Angeles County, a framework for a systemwide frequent bus network will be established as the foundation for timely integration with future bus, rail, and highway infrastructure projects.

Asset Improvement & Maintenance

Metro's Board established a policy requiring that our assets be maintained in accordance with manufacturer recommended standards and that the Board be notified of any instances of deferred maintenance.

Over \$360 million and 150 projects are planned in FY16 to enhance our maintenance capabilities and to keep our assets in a state of good repair. Notable projects include a new 350 bus procurement, light and heavy rail fleet vehicle replacement, improvements to signal and power systems and completion of the new Bus Division 13 facility.

Asset maintenance to benefit bus and rail modes are nearly equal with \$163M and \$165M, respectively, planned in FY16. Continuing projects for bus and rail vehicle procurements as well as vehicle component overhauls and vehicle mid-life services remain a priority. The allocation of maintenance resources between modes factors in the age and use of existing assets along with anticipated new assets. The table above details the allocation to each of the modes.

ASSET IMPROVEMENT & MAINTENANCE	
Operating Capital by Mode (\$ in thousands)	Asset Improvement & Maintenance
Blue Line	\$ 24,647
Gold Line	1,061
Green Line	1,757
Red/Purple Line	22,592
Multiple Rail Lines	115,461
Rail Mode Subtotal	\$ 165,517
Bus	163,259
Mixed Mode	13,099
Other	\$ 18,555
Asset Improvement & Maintenance	\$ 360,430

Budget Highlights (continued)

Safety & Security Capital Program

Passenger safety and agencywide security remains our first priority. In FY16, over \$51 million is planned for Safety & Security capital projects. Blue Line projects plan for \$16 million to address safety improvements including pedestrian swing gates, signal system rehabilitations and Transit Passenger Information System (TPIS) installations. Green Line continues with its signal system rehabilitation while Red Line improves its pedestrian safety with an overpass bridge connection to Universal City. Various security facility improvements are planned at select Metro locations to provide a greater security presence in our system.

SAFETY & SECURITY	
Operating Capital by Mode (\$ in thousands)	Safety & Security
Blue Line	\$ 16,392
Green Line	1,395
Red/Purple Line	12,412
Multiple Lines	3,470
Rail Mode Subtotal	\$ 33,669
Bus	25
Mixed Mode	14,569
Other	2,883
Safety & Security Capital Total	\$ 51,146

Furthermore, Metro continues upgrading our Payment Card Industry (PCI) compliance standards to enhance the protection of our patrons using our TAP fare collection system.

Regional Rail Capital Program

Metro has taken the lead in studies and future construction of major rail projects to sustain and augment our commuter rail system. Continued contribution for both operating and capital funding is planned for the Southern California Regional Rail Authority (SCRRA). FY16 capital projects include funding for Bob Hope Airport Pedestrian Bridge, Van Nuys Second Platform, Vincent Grade/Acton and Lancaster Stations, Doran Street Grade Separation, Brighton to Roxford Double Track, Raymer to Bernson Double Track, and Southern California Regional Inter-connectivity Program (SCRIP) which will increase Union Station commuter rail capacity.

Congestion Management Program

The Metro ExpressLanes project, as part of the Congestion Reduction Program, continues to successfully improve freeway traffic flow by providing enhanced travel options on the I-10 and I-110 freeways in Los Angeles. For FY16, \$62.2 million in toll revenues are expected to be generated to operate, maintain, improve and reinvest in those corridors. The excess toll revenues funded bus service enhancements for Gardena Transit, Foothill Transit, Torrance Transit, and Metro. Approximately 66% of the trips are toll-free. FastTrack accounts are expected to increase by 10% from 350,000 to 385,000.

Transit and Highway Delivery

Metro continues construction of one of the largest public works program in America funded with the voter approved Measure R along with other funding partners. These projects and other projects in the works will improve mobility and increase vehicle capacity allowing for smoother traffic flow, system connectivity and seamless travel for our customers. On the next page is a list of major projects and programs underway in FY16.

Budget Highlights (continued)

Transit Projects

- Expo II and Foothill Phase 2A projects plan for Revenue Service openings in FY16
- Crenshaw/LAX will complete design efforts and continue construction
- Southwestern Yard design/build contract will start final design
- Regional Connector ongoing design and construction
- Westside Purple Line Extension Section 1 ongoing design and construction plus continued pursuit of a Full Funding Grant Agreement (FFGA) for Section 2
- Alternatives Analysis, Environmental Impact and/or Refinement Studies ongoing for:
 - > Airport Metro Connector
 - > Eastside Extension Phase II
 - > Sepulveda Pass Corridor
 - > East San Fernando Rapidways North/South
 - > South Bay Metro Green Line Extension
 - > West Santa Ana Branch

Highway Projects & Programs

- Continuation of Countywide Soundwall Projects
- Construction is underway for:
 - > I-5 North & South Capacity Enhancements
 - I-5 Carmenita Road Interchange Improvement
 - > Alameda Corridor East Grade Separation
 - > I-405 Enhancements
 - > SR-60 HOV Lane
- Environmental, Planning and Engineering Studies:
 - > I-605 Hot Spots
 - > SR-710 North Gap Closure
 - > SR-710 South and Early Action Projects
 - > SR-138 Capacity Enhancements
 - > High Desert Corridor
- Subregional Projects
 - > Las Virgenes/Malibu Highway Operational Improvements
 - > I-405, I-110, I-105, SR-91 Ramp & Interchange

TAP Fare Collection

In FY15, the TAP regional smart card system was completed by adding its twenty-sixth transit operator, ensuring regional connectivity and ease of travel across multiple transit agencies. Innovations were also added, such as new ticket vending machine (TVM) screen-flows that simplify and enhance the TAP customer experience. For FY16, mobile phone application planning is underway that will allow users to manage their TAP accounts, register cards, enjoy payment options and purchase a variety of fare products – all from their mobile device. A new state-of-the-art website and new customer relationship management system will also be introduced in FY16. Looking toward future fare technologies, TAP has led regional meetings and conducted surveys to evaluate possible new fare collection systems and strategies in order to continue efforts for seamless travel and connectivity with other regional transit agencies, ease of use and convenience for our customers.

Other Highlights

Metro is coordinating with pilot cities to develop a Regional Bike Share Implementation Program as well as prioritizing new technology initiatives to improve customer experience and pursue technology innovations in transportation. Lastly, Metro continues to work on the Countywide Sustainability Plan and numerous other projects, studies and initiatives to enhance transit planning, support system integration, continue efficient operations and maintain our assets in a state of good repair.

FY16 Budget Assumptions

Resource Assumptions

- Sales tax and TDA revenues are expected to grow at 3.2% over the FY15 levels. This represents a growth consistent with actual and projected receipts for FY15 and is in line with various outside economic forecasting sources.
- Measure R funds will continue to be budgeted and expended in accordance with the ordinance project delivery schedules and cash flow needs.
- Fare revenues will increase by 7.1% over the FY15 budget reflecting the Gold Line Foothill Phase 2A extension to Azusa, the Expo Line extension to Santa Monica, and a full year of the Board approved fare restructuring effective in September 2014.
- New STA revenues for bus and rail operations and capital in FY16 are expected to be \$105.7 million regionwide representing a 1.0% increase over the FY15 budget.
- Capital financing, including grant reimbursements, sales tax carryover, and Transportation Infrastructure Finance and Innovation Act (TIFIA) loan drawdowns will total \$2.3 billion in FY16 in line with planned expenditure activity.
- ExpressLanes toll revenues are expected to come in at \$62.2 million for FY16 which equates to a 102.6% increase over the FY15 budget. This increase reflects the continued popularity of the ExpressLanes option offered to Los Angeles drivers.
- Cap and trade funding for Metro totals \$3.8 million. Advertising revenues of \$22.5 million (based on fixed guaranteed amount) and Federal CNG fuel credits of \$19 million are expected to fund operations.

Service Assumptions

- The FY16 budget assumes no increase in Bus Revenue Service Hours; however, improvements on selected lines will be implemented to continue enhancing the trip experience of our customers. Bus improvements include completion of a Bus Lane Serving Metro Rapid Line 720 on Wilshire Blvd. and full implementation of the Valley-Westside Express Line 788 operating on the I-405 High Occupancy Vehicle (HOV) Lane. We will also continue implementing route adjustments to gain connectivity with regional destinations and transit hubs, as well as partnering with the Municipal Operators to reduce route duplication and increase line connectivity.
- The highlight of our rail service change is the highly anticipated opening of the Gold Line Foothill Phase 2A extension to Azusa and Expo Line extension to Santa Monica. This will expand our rail system by 20 percent and increase Rail Revenue Service Hours by 6.5 percent from FY15. To ensure that infrastructure is in place to support our rail expansion, we will open two new operation and maintenance facilities in Monrovia and Santa Monica. We will also continue to implement reduced headways and extended late night service on all of our rail lines.
- A Bus and Rail Revenue Service Hour break down is shown on the next page. Additional Service Level Details are found under Service Statistics (see page 45).

FY16 Budget Assumptions (continued)

BUS FY16 Bus Revenue Service Hours (RSH)		RAIL FY16 Rail Revenue Service Hours (RSH)	
Changes	RSH	Changes	RSH
FY15 Budget	7,061,735	FY15 Budget	1,027,799
<u>Changes</u>		<u>Changes</u>	
Impact of Trip Enhancements	-	Blue Line	-
		Green Line	-
		Gold Line (Foothill Phase 2A)	24,012
		Expo Line (Santa Monica)	42,688
TOTAL CHANGES	-	Red Line	-
FY16 Budget	7,061,735	Other Minor Changes	-
% Increase	0.0%	TOTAL CHANGES	66,700
		FY16 Budget	1,094,499
		% Increase	6.5%

Labor Assumptions

- The budget reflects negotiated wage and salary provisions for represented employees (SMART, ATU, AFSCME, and TCU). The wage increase dictated by these provisions is at least 3.0%. To be consistent with these negotiated wage rates, a 3.0% wage increase is also included for non-represented employees.
- Health and welfare rates include an annualized average increase of approximately 15% for represented employees and 6% for non-represented employees.

Capital Assumptions

- Expand Measure R transit and highway project activities as well as light rail vehicle delivery
- Increase emphasis on safety and security projects benefiting customers and employees
- Enhance Bus, Light Rail vehicle and Heavy Rail vehicle midlife maintenance projects
- Continue efforts on bus and rail asset improvement and maintenance
- Continue procurement of 40-foot replacement buses for our fleet; complete 550 bus procurement and execute option for an additional 350 buses
- Continue advancement of zero emission bus technology

Areas of Risk

- Sales tax growth less than 3.2% over FY15
- STA funding lower than State Controller's Office estimate
- Less than full funding from federal capital financial partners pending resolution of PEPRA 13c legislation
- Composite rate for Compressed Natural Gas greater than 51¢ per therm
- Other non-labor cost inflation increases above our projected CPI of 1.97%
- Timely issuance of Prop 1B bonds by the State. If not, funding is at risk for Crenshaw/LAX Corridor, Light Rail vehicle acquisitions and Regional Connector.

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Resources

Summary of Resources

	FY15 Budget	FY16 Proposed	% Change
Resources and Expenditures (\$ in millions)			
1 <u>Sales Tax, TDA and STA Revenues</u> ⁽¹⁾			
2 Proposition A	\$ 740.0	\$ 763.5	3.2%
3 Proposition C	740.0	763.5	3.2%
4 Measure R	740.0	763.5	3.2%
5 Transportation Development Act (TDA)	370.0	381.8	3.2%
6 State Transit Assistance (STA)	104.7	105.7	1.0%
7 Total Sales Tax, TDA, & STA	\$ 2,694.7	\$ 2,778.0	3.1%
8 <u>Operating & Other Revenues</u>			
9 Passenger Fares	\$ 351.1	\$ 376.0	7.1%
10 ExpressLanes Tolls	30.7	62.2	102.6%
11 Advertising	21.5	22.5	4.7%
12 Other Revenues ⁽²⁾	47.0	62.1	32.1%
13 Subtotal Operating & Other Revenues	\$ 450.3	\$ 522.8	16.1%
14 <u>Capital and Bond Resources</u>			
15 Grants Reimbursements ⁽³⁾	\$ 1,264.2	\$ 999.2	-21.0%
16 Prior Year Carryover Resources ⁽⁴⁾	1,105.8	1,268.4	14.7%
17 Subtotal Capital and Bond Resources	\$ 2,370.0	\$ 2,267.6	-4.3%
18 Total Resources	\$ 5,514.9	\$ 5,568.4	1.0%
19 Agencywide Expenditures	\$ 5,514.9	\$ 5,568.4	1.0%
20 (Deficit) / Surplus	\$ -	\$ -	0.0%

Note: Totals may not add due to rounding.

(1) Sales tax and TDA revenues for FY15 Budget represent reforecasted levels based on Q1 actual data from the State Board of Equalization (SBE).

(2) Other Revenues includes lease revenues, vending revenues, film revenues, county buy down, auto registration fees, transit court fees, CNG credits, investment income and other miscellaneous revenues.

(3) Includes grant reimbursement of preventative maintenance operating capital cost, highway capital grants and major construction grants.

(4) Represents use of bond proceeds and sales tax revenue received and unspent in prior years.

Sales Tax, TDA and STA Revenues

Type of Revenue (\$ in millions)	FY15 Budget ⁽¹⁾	FY16 Proposed	\$ Change	% Change	Eligible for Operations
Proposition A					
5% Administration	\$ 37.0	\$ 38.2	\$ 1.2	3.2%	
25% Local Return	175.8	181.3	5.6	3.2%	
35% Rail Development	246.1	253.9	7.8	3.2%	Eligible
40% Discretionary					
Transit (95% of 40%)	267.1	275.6	8.5	3.2%	Eligible
Incentive (5% of 40%)	14.1	14.5	0.4	3.2%	
Estimated Tax Revenue from Prop A	\$ 740.0	\$ 763.5	\$ 23.5	3.2%	
Proposition C					
1.5% Administration	\$ 11.1	\$ 11.5	\$ 0.4	3.2%	
5% Rail/Bus Security	36.4	37.6	1.2	3.2%	Eligible
10% Commuter Rail	72.9	75.2	2.3	3.2%	
20% Local Return	145.8	150.4	4.6	3.2%	
25% Freeways/Highways	182.2	188.0	5.8	3.2%	
40% Discretionary	291.6	300.8	9.3	3.2%	Eligible
Estimated Tax Revenue from Prop C	\$ 740.0	\$ 763.5	\$ 23.5	3.2%	
Measure R					
1.5% Administration	\$ 11.1	\$ 11.5	\$ 0.4	3.2%	
2% Transportation Capital Metro Rail	14.6	15.0	0.5	3.2%	
3% Transportation Capital Metrolink	21.9	22.6	0.7	3.2%	
5% Operations - New Rail ⁽²⁾	36.4	37.6	1.2	3.2%	Eligible
15% Local Return	109.3	112.8	3.5	3.2%	
20% Operations - Bus	145.8	150.4	4.6	3.2%	Eligible
20% Highway Capital	145.8	150.4	4.6	3.2%	
35% Transportation Capital New Rail/BRT	255.1	263.2	8.1	3.2%	
Estimated Tax Revenue from Measure R	\$ 740.0	\$ 763.5	\$ 23.5	3.2%	
Transportation Development Act (TDA)					
Administration	\$ 8.5	\$ 8.5	\$ -	0.0%	
2.0% Article 3 (Pedestrians & Bikeways)	7.2	7.5	0.2	3.3%	
91.7% Article 4 (Bus Transit)	331.3	342.2	10.8	3.3%	Eligible
6.3% Article 8 (Transit/Streets & Hwys)	22.9	23.7	0.7	3.3%	
Estimated Tax Revenue from TDA	\$ 370.0	\$ 381.8	\$ 11.8	3.2%	
State Transit Assistance (STA)					
STA Bus	\$ 55.8	\$ 54.9	\$ (0.9)	-1.6%	Eligible
STA Rail	48.9	50.8	1.9	3.8%	Eligible
Estimated Tax Revenue from STA	\$ 104.7	\$ 105.7	\$ 1.0	0.9%	
Total Revenues	\$ 2,694.7	\$ 2,778.0	\$ 83.3	3.1%	
Revenues Eligible for Bus & Rail Operating					
Proposition A	\$ 513.2	\$ 529.5	\$ 16.3	3.2%	
Proposition C	328.0	338.4	10.4	3.2%	
Measure R	182.2	188.0	5.8	3.2%	
TDA	331.3	342.2	10.8	3.3%	
STA	104.7	105.7	1.0	0.9%	
Total Bus & Rail Eligible Revenues	\$ 1,459.5	\$ 1,503.8	\$ 44.3	3.0%	

Note: Totals may not add due to rounding.

⁽¹⁾ Sales tax and TDA revenues for FY15 Budget represent reforecasted levels based on FY15 Q1 actual data from the State Board of Equalization (SBE).

⁽²⁾ Measure R Rail Operating funding is restricted to projects beginning rail operations after Measure R passage.

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Expenditures

Summary of Expenditures by Department

Expenditures By Department (\$ in millions)		FY15 Budget	FY16 Proposed	Change	
				\$	%
1	Board of Directors	\$ 29.5	\$ 42.6	\$ 13.1	44.5%
2	Chief Executive Office	280.2	297.3	17.1	6.1%
3	Communications	50.3	56.5	6.3	12.4%
4	Congestion Reduction	86.5	103.8	17.4	20.1%
5	Engineering and Construction	2,005.5	1,843.1	(162.3)	-8.1%
6	Finance and Budget	1,090.3	1,097.4	7.1	0.7%
7	Information Technology	49.9	54.1	4.2	8.4%
8	Operations	1,565.2	1,702.4	137.2	8.8%
9	Planning and Development	295.0	298.8	3.8	1.3%
10	Vendor/Contract Management	62.7	72.3	9.6	15.3%
11	Total Expenditures	\$ 5,514.9	\$ 5,568.4	\$ 53.5	1.0%

Note: Totals may not add due to rounding.

Summary of Expenditures by Type

Expenditures By Type (\$ in millions)		FY15 Budget	FY16 Proposed	Change	
				\$	%
1	Salaries and Benefits	\$ 1,009.1	\$ 1,091.5	\$ 82.4	8.2%
2	Asset Acquisitions Transit & Highway Projects	1,765.5	1,610.2	(155.3)	-8.8%
3	Professional Services & Advertising	427.0	444.3	17.3	4.1%
4	Regional Transit/Highway Subsidies	1,288.0	1,378.3	90.3	7.0%
5	Maintenance & Security Contracts	316.2	337.5	21.4	6.8%
6	Materials & Supplies	223.0	231.2	8.2	3.7%
7	Insurance/Taxes/PLPD/Workers' Comp	106.7	111.5	4.9	4.6%
8	Training & Travel	30.8	21.8	(9.0)	-29.2%
9	As-Needed (Temps)/Interns/ELTPs	12.5	13.2	0.6	5.2%
10	Debt	336.1	328.7	(7.4)	-2.2%
11	Total Expenditures	\$ 5,514.9	\$ 5,568.4	\$ 53.5	1.0%

Note: Totals may not add due to rounding.

Summary of Expenditures by Program

Program ⁽¹⁾ Type (\$ in millions)	FY15 Budget	FY16 Proposed	\$ Change	% Change
Metro Operations:				
Bus	\$ 1,013.9	\$ 1,042.9	\$ 29.0	2.9%
Rail	370.1	399.4	29.3	7.9%
Subtotal	\$ 1,384.0	\$ 1,442.3	\$ 58.3	4.2%
Regional Activities and Other	19.8	19.0	(0.8)	-3.8%
Metro Operations Total	\$ 1,403.7	\$ 1,461.3	\$ 57.6	4.1%
Capital:				
Transit Capital Expansion	\$ 1,610.0	\$ 1,556.8	\$ (53.2)	-3.3%
Operating Capital	426.0	437.4	11.4	2.7%
Subtotal	\$ 2,036.0	\$ 1,994.2	\$ (41.8)	-2.1%
Regional Rail Capital	46.2	49.0	2.8	6.2%
Highway Capital	160.6	90.2	(70.4)	-43.8%
Metro Capital Total	\$ 2,242.8	\$ 2,133.4	\$ (109.3)	-4.9%
Total Metro Operations and Capital	\$ 3,646.5	\$ 3,594.7	\$ (51.8)	-1.4%
Subsidy Funding Programs:				
Regional Transit ⁽²⁾	\$ 520.3	\$ 536.5	\$ 16.2	3.1%
Local Agencies	542.4	569.2	26.8	4.9%
Wilshire BRT	33.2	16.2	(17.0)	-51.3%
Federal Pass Throughs	13.2	27.9	14.7	110.7%
Fare Assistance	10.5	10.5	-	0.0%
Highway Subsidy	168.3	218.0	49.7	29.5%
Subsidy Funding Programs Total	\$ 1,288.0	\$ 1,378.3	\$ 90.3	7.0%
Congestion Management:				
Freeway Service Patrol	\$ 30.7	\$ 28.3	\$ (2.4)	-7.7%
ExpressLanes	31.9	42.3	10.4	32.7%
Kenneth Hahn Call Box Program	11.6	10.3	(1.3)	-11.1%
Regional Integration of Intelligent Transportation System	3.7	2.2	(1.5)	-40.1%
Rideshare Services	11.0	10.8	(0.2)	-2.2%
Congestion Management Total	\$ 88.8	\$ 93.9	\$ 5.1	5.7%
General Planning and Programs:				
Programs and Studies	\$ 40.5	\$ 42.5	\$ 2.0	5.1%
General Planning and Programming	52.1	57.4	5.3	10.1%
Legal, Audit, Transit Court, Oversight and Other	35.8	38.6	2.8	7.8%
Property Management/Union Station and Development	27.1	34.3	7.2	26.4%
General Planning and Programs Total	\$ 155.5	\$ 172.8	\$ 17.3	11.1%
Debt Service Total	\$ 336.1	\$ 328.7	\$ (7.4)	-2.2%
Total Expenditures	\$ 5,514.9	\$ 5,568.4	\$ 53.5	1.0%

Note: Totals may not add due to rounding.

⁽¹⁾ Combines related program costs regardless of Generally Accepted Accounting Principles (GAAP) reporting criteria used for fund financial presentation on pages 32-41.

⁽²⁾ Represents subsidies to Municipal Operators, Metrolink and Access Services Incorporated (ASI).

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**Full Time Equivalents
(FTEs)**

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Summary of FTEs by Department

	Managing Department Name	FY15 Budget	FY16 Proposed	Change from FY15
1	Board of Directors	36	39	3
2	Chief Executive Office	468	482	14
3	Communications	273	278	5
4	Congestion Reduction	15	18	3
5	Engineering and Construction	175	190	15
6	Finance and Budget	211	219	8
7	Information Technology	139	142	3
8	Operations	7,859	7,859	-
9	Planning and Development	158	161	3
10	Vendor/Contract Management	323	329	6
11	Total FTEs	9,657	9,717	60
12	Subtotal Agencywide Non-Contract	1,404	1,459	55
13	Subtotal Agencywide Union	8,253	8,258	5
14	Total FTEs	9,657	9,717	60

FTEs by Department Detail

FTEs by Department Detail		FY15 Budget	FY16 Proposed	Change from FY15
1	Board Of Directors			
2	Board Of Directors	19	19	-
3	Inspector General	17	20	3
4	Board of Directors Total	36	39	3
5	Non-Contract	36	39	3
6	Total Board of Directors by Representation	36	39	3
7	Chief Executive Office			
8	Chief Executive Office	39	40	1
9	Chief Policy Office	5	5	-
10	Enterprise Risk and Safety Management	193	200	7
11	Labor/Employee Relations	73	75	2
12	LAMPS (LA Metro Protective Services)	120	120	-
13	Program Management	38	42	4
14	Chief Executive Office Total	468	482	14
15	Non-Contract	249	263	14
16	Contract	219	219	-
17	Total Chief Executive Office by Representation	468	482	14
18	Communications			
19	Community Relations	32	30	(2)
20	Customer Programs & Services	54	54	-
21	Customer Relations	120	125	5
22	Executive Office, Communications	5	7	2
23	Government Relations	6	8	2
24	Marketing	45	43	(2)
25	Public Relations	11	11	-
26	Communications Total	273	278	5
27	Non-Contract	95	95	-
28	Contract	178	183	5
29	Total Communications by Representation	273	278	5
30	Congestion Reduction			
31	Congestion Reduction Demonstration Project	6	8	2
32	Motorist Services	9	10	1
33	Congestion Reduction Total	15	18	3
34	Non-Contract	15	18	3
35	Total Congestion Reduction by Representation	15	18	3
36	Engineering and Construction			
37	Highway Project Delivery	24	28	4
38	Regional Rail	7	8	1
39	Transit Project Delivery	144	154	10
40	Engineering and Construction Total	175	190	15
41	Non-Contract	175	190	15
42	Total Engineering and Construction by Representation	175	190	15
43	Finance and Budget			
44	Accounting	70	71	1
45	Finance & Treasury	21	25	4
46	Local Programming	15	17	2
47	Office of Management and Budget	34	35	1
48	TAP Operations	71	71	-
49	Finance and Budget Total	211	219	8

FTEs by Department Detail (continued)

FTEs by Department Detail		FY15 Budget	FY16 Proposed	Change from FY15
50	Non-Contract	142	150	8
51	Contract	69	69	-
52	Total Finance and Budget by Representation	211	219	8
53	Information Technology			
54	Information Technology Services	130	133	3
55	Research & Records Information Management	9	9	-
56	Information Technology Total	139	142	3
57	Non-Contract	88	91	3
58	Contract	51	51	-
59	Total Information Technology by Representation	139	142	3
60	Operations			
61	Maintenance	2,805	2,803	(2)
62	Service Development	93	93	-
63	Strategic Planning Rail	293	296	3
64	Transit Operations - Bus	12	12	-
65	Transportation	4,617	4,617	-
66	Vehicle Engineering & Acquisition	39	38	(1)
67	Operations Total	7,859	7,859	-
68	Non-Contract	285	285	-
69	Contract	7,574	7,574	-
70	Total Operations by Representation	7,859	7,859	-
71	Planning and Development			
72	Countywide Planning & Development	2	2	-
73	Planning/Strategic Financial Planning/Grants Mgmt	52	52	-
74	Strategic Initiatives & Real Property Management	62	64	2
75	Transit Corridors & Systemwide Planning	42	43	1
76	Planning and Development Total	158	161	3
77	Non-Contract	158	161	3
78	Total Planning and Development by Representation	158	161	3
79	Vendor/Contract Management			
80	Administrative Services	6	6	-
81	Contract Support/Client Services	14	14	-
82	Diversity & Economic Opportunity	25	27	2
83	Procurement	70	73	3
84	Supply Chain Management	208	209	1
85	Vendor/Contract Management Total	323	329	6
86	Non-Contract	161	167	6
87	Contract	162	162	-
88	Total Vendor/Contract Management by Representation	323	329	6
89				
90	Total Agencywide Non-Contract	1,404	1,459	55
91	Total Agencywide Union	8,253	8,258	5
92	Grand Total Agency	9,657	9,717	60

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Capital Program

Capital Program

Capital Project Category (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Measure R Transit Capital Expansion				
Measure R Transit Construction Projects:				
Rail				
Crenshaw/LAX Light Rail Transit	\$ 798,627	\$ 408,719	\$ 2,066,476	
Expo Blvd Light Rail Transit Phase 1	938,936	31,800	978,900	
Expo Blvd Light Rail Transit Phase 2	1,079,057	393,384	1,517,521	
Gold Line Foothill Extension to Azusa Phase 2A	841,534	105,752	950,517	
Regional Connector	392,554	245,331	1,467,244	
Westside Subway Extension	540,534	347,721	2,882,365	
Bus				
Orange Line Extension	143,602	-	215,600	
Acquisition 30 Zero Emission/Super Low Emission	4,783	149	30,000	
Bike				
Expo Phase 2 Bikeway	11,685	4,417	16,102	
Measure R Transit Planning Projects:				
Airport Metro Connector	\$ 10,011	\$ 4,702	\$ 14,714	
Eastside Extension Phase 1 & 2	23,398	1,975	25,374	1
Eastside Light Rail Access	13,749	5,433	19,182	1
Gold Line Foothill Extension Phase 2B	-	-	-	2
Green Line Ext: Redondo to South Bay	7,579	436	8,015	1
San Fernando Valley East N/S Rapidways	9,183	2,268	11,450	1
Sepulveda Pass Corridor	6,257	3,455	9,711	1
West Santa Ana Branch Corridor	3,291	1,267	4,558	1
Subtotal Measure R Transit Capital Expansion	\$ 4,824,780	\$ 1,556,810	\$ 10,217,730	

Note: Totals may not add due to rounding.

Note 1: No Board Adopted Life Of Project (LOP) during planning phase; project is funded on an annual basis.

Note 2: FY16 budget of \$6M is captured in subsidies.

Capital Program (continued)

Capital Project Category (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Operating Component of Capital Program:				
Safety & Security Projects				
Bus	\$ 223	\$ 25	\$ 452	
Rail				
Blue Line	12,288	16,392	77,687	
Green Line	6,126	1,395	11,400	
Red/Purple Line	46,727	12,412	71,180	
Multiple Rail Lines	5,865	3,470	11,039	
Mixed Mode	23,796	14,569	57,070	
Other	4,454	2,883	28,632	
Asset Improvement & Maintenance				
Bus	\$ 461,859	\$ 163,259	\$ 1,015,483	
Rail				
Blue Line	23,998	24,647	81,230	
Gold Line	7,770	1,061	14,176	
Green Line	1,509	1,757	9,684	
Red Line	53,057	22,592	275,175	
Multiple Rail Lines	107,713	115,461	916,362	
Mixed Mode	10,650	13,099	27,231	
Other	175,464	18,555	246,658	
Capital Expansion				
Bus	\$ 170,411	\$ 14,553	\$ 192,938	
Rail				
Gold Line	890,020	2,776	900,688	
Red/Purple Line	38,973	863	41,772	
Multiple Rail Lines	2,071	2,732	10,418	
Mixed Mode	2,026	1,818	7,878	
Bike	1,354	2,074	4,913	
Other	330	957	5,400	
Subtotal Operating Component of Capital Program	\$ 2,046,685	\$ 437,349	\$ 4,007,466	
Total Capital Program	\$ 6,871,466	\$ 1,994,159	\$ 14,225,195	

Note: Totals may not add due to rounding.

FY16 PROPOSED OPERATING CAPITAL SUMMARY BY MODE

Operating Capital by Mode (\$ in thousands)	Safety & Security	Asset Improvement & Maintenance	Capital Expansion	Mode Total
Mode:				
Bus	\$ 25	\$ 163,259	\$ 14,553	\$ 177,837
Rail				
Blue Line	16,392	24,647	-	41,039
Gold Line	-	1,061	2,776	3,837
Green Line	1,395	1,757	-	3,152
Red/Purple Line	12,412	22,592	863	35,867
Multiple Rail Lines	3,470	115,461	2,732	121,663
Mixed Mode	14,569	13,099	1,818	29,486
Bike	-	-	2,074	2,074
Other	2,883	18,555	957	22,395
Total Operating Capital	\$ 51,146	\$ 360,430	\$ 25,773	\$ 437,349

Note: Totals may not add due to rounding.

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Regional Subsidy Funding Programs

Summary of Regional Subsidy Funding Programs

Regional Subsidy Funding Programs (\$ in millions)		FY15 Budget	FY16 Proposed	\$ Change from FY15	% Change from FY15
Regional and Local Transit:					
1	Municipal and Local Operators	\$ 358.4	\$ 353.6	\$ (4.8)	-1.3%
2	Access Services	73.2	85.0	11.8	16.1%
3	Metrolink	88.7	97.9	9.2	10.4%
4	Wilshire Bus Rapid Transit	33.2	16.2	(17.0)	-51.3%
5	Fare Assistance Programs (INTP, RRTP, SHORE)	10.5	10.5	0.0	0.0%
6	Total Regional and Local Transit	\$ 564.0	\$ 563.2	\$ (0.9)	-0.2%
Local Agencies:					
Allocation by Population:					
7	Local Returns (Prop A, Prop C and Measure R)	\$ 427.5	\$ 444.5	\$ 17.1	4.0%
8	Transportation Development Act Articles 3 & 8	32.3	31.5	(0.9)	-2.6%
9	Subtotal Allocation by Population	\$ 459.8	\$ 476.0	\$ 16.2	3.5%
Call for Projects:					
10	Regional Surface Transportation Improvements	\$ 40.9	\$ 42.1	\$ 1.2	2.9%
11	Local Traffic System	24.2	17.8	(6.3)	-26.2%
12	Regional Bikeways	0.9	1.3	0.4	38.0%
13	Transportation Demand Management	3.0	5.7	2.7	88.9%
14	Transportation Enhancement	0.6	0.1	(0.5)	-80.5%
15	Bus Capital	3.4	6.8	3.4	101.0%
16	Subtotal Call for Projects	\$ 73.1	\$ 73.9	\$ 0.9	1.2%
Federal Pass Throughs:					
17	Regional Grantee - FTA	\$ 7.9	\$ 12.7	\$ 4.8	60.8%
18	Job Access and Reverse Commute Program (JARC)	2.2	6.1	3.9	178.4%
19	New Freedom Capital & Operating	3.1	3.9	0.9	27.9%
20	Highway Pass Through Program	0.1	0.2	0.1	140.0%
21	Enhanced Mobility of Seniors/Disabled	-	5.0	5.0	n/a
22	Subtotal Federal Pass Throughs	\$ 13.2	\$ 27.9	\$ 14.7	110.9%
Other:					
23	Toll Revenue Reinvestment Program	\$ 2.0	\$ 10.6	\$ 8.6	427.6%
24	Open Street Grant Program	2.0	2.5	0.5	25.0%
25	Transit Oriented Development and Other Sustainability Programs	5.5	6.2	0.7	12.1%
26	Subtotal Other	\$ 9.5	\$ 19.3	\$ 9.7	101.9%
27	Total Local Agencies	\$ 555.7	\$ 597.1	\$ 41.5	7.5%
Highway Subsidy:					
28	I-5 North HOV and Truck Lanes	\$ 31.3	\$ 15.0	\$ (16.3)	-52.1%
29	I-5 South Capacity Enhancements	45.0	67.9	22.9	50.9%
30	SR-60 HOV Lane from I-605 to Brea Canyon Rd	-	2.0	2.0	n/a
31	ACE Grade Separation	22.3	31.4	9.1	40.8%
32	Highway Operational Improvements - Arroyo Verdugo	15.5	10.5	(4.9)	-31.9%
33	Highway Operational Improvements - Virgenes/Malibu	16.2	28.3	12.1	74.9%
34	I-405 / I-110 / I-105 / SR-91 Ramp & Interchange	12.1	26.8	14.7	122.1%
35	I-605 Corridor "Hot Spot"	10.2	5.2	(5.0)	-48.7%
36	SR-710 North Gap Closure	0.5	0.4	(0.2)	-30.0%
37	SR-710 South Early Action Projects	5.8	19.0	13.3	231.3%
38	SR-138 Capacity Enhancements	1.5	9.4	7.9	523.3%
39	High Desert Corridor	8.0	2.0	(6.0)	-75.0%
40	Total Highway Subsidy	\$ 168.3	\$ 218.0	\$ 49.7	29.5%
41	Total Regional Subsidy Funding Programs	\$ 1,288.0	\$ 1,378.3	\$ 90.3	7.0%

Note: Totals may not add due to rounding.

Debt

Current Year Debt Service Expense

	FY15 Budget				FY16 Proposed			
	Bus	Rail	Highway	Total	Bus	Rail	Highway	Total
(\$ in thousands)								
1 Funding Demand of Debt Service								
2 Resources								
3 Proposition A 35% Rail Set Aside ⁽¹⁾	\$ -	\$ 148,516.3	\$ -	\$ 148,516.3	\$ -	\$ 143,139.8	\$ -	\$ 143,139.8
4 Proposition A 40% Discretionary	2,343.7	-	-	2,343.7	2,069.8	-	-	2,069.8
5 Proposition C 40% Discretionary	9,885.1	62,897.5	-	72,782.6	9,878.4	62,854.9	-	72,733.3
6 Proposition C 10% Commuter Rail	-	12,712.1	-	12,712.1	-	13,504.4	-	13,504.4
7 Proposition C 25% Street & Highways	-	27,293.7	28,357.5	55,651.2	-	27,044.1	28,098.2	55,142.2
8 Trans. Development Act Article 4	1,534.5	-	-	1,534.5	1,534.5	-	-	1,534.5
9 Measure R Transit Capital - New Rail 35%	-	44,675.9	-	44,675.9	-	43,897.6	-	43,897.6
10 Measure R Transit Capital - Metrolink 3%	-	-	-	-	-	-	-	-
11 Measure R Transit Capital - Metro Rail 2%	-	6,792.2	-	6,792.2	-	7,163.1	-	7,163.1
12 Measure R Highway Capital 20%	-	-	-	-	-	-	-	-
13 Measure R BAB Federal Subsidy	-	10,312.7	-	10,312.7	-	10,301.6	-	10,301.6
14 Proposition A 35% Rail Set Aside (CRA Debt)	2,180.2	-	-	2,180.2	2,178.8	-	-	2,178.8
15 Total Funding Demand Debt Service	15,943.4	313,200.4	28,357.5	357,501.3	15,661.5	307,905.4	28,098.2	351,665.2
16 (Premium)/Discount Amortization ⁽²⁾	(955.9)	(18,778.9)	(1,700.3)	(21,435.1)	(1,021.1)	(20,075.5)	(1,832.0)	(22,928.7)
17 Total Debt Service Expense	14,987.5	294,421.5	26,657.3	336,066.3	14,640.4	287,829.9	26,266.2	328,736.5
18 Debt Service (Deficit) / Surplus	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Long Term Enterprise Fund Debt Principal Obligations

	Beginning FY15 Balance				Beginning FY16 Balance			
	Bus	Rail	Highway	Total	Bus	Rail	Highway	Total
(\$ in thousands)								
19 Outstanding Debt Principal Balance								
20 Proposition A	\$ 20,271.8	\$ 1,284,583.2	\$ -	\$ 1,304,855.0	\$ 15,976.1	\$ 1,104,823.9	\$ -	\$ 1,120,800.0
21 Proposition C	93,365.2	973,666.0	266,757.8	1,333,789.0	87,739.7	914,999.5	250,684.8	1,253,424.0
22 Measure R ⁽³⁾	-	686,050.0	-	686,050.0	-	869,420.0	-	869,420.0
23 Transportation Development Act - Article 4	5,111.0	-	-	5,111.0	3,758.2	-	-	3,758.2
24 Proposition A 35% Rail Set Aside (CRA Debt)	20,520.0	-	-	20,520.0	19,360.0	-	-	19,360.0
25 Total Outstanding Debt Principal Balance ⁽⁴⁾	\$ 139,268.0	\$ 2,944,299.2	\$ 266,757.8	\$ 3,350,325.0	\$ 126,833.9	\$ 2,889,243.4	\$ 250,684.8	\$ 3,266,762.2

⁽¹⁾ Proposition A 35 Rail Set Aside includes Union Station Purchase debt funding: \$4.6 million in FY15 and \$4.3 million in FY16.

⁽²⁾ Amortizing the difference between the market value of the debt instrument and the face value of the debt instrument over the life of the debt.

⁽³⁾ Measure R Bond was issued in November 2010.

⁽⁴⁾ The Debt Service Expense and Outstanding Principal Balance exclude USG Building General Revenue Bonds of \$13.5 million Debt Service and \$134.8 million Outstanding Principal. It is treated as rent and reimbursed to the Enterprise Fund through the overhead allocation process. Also excludes \$441 million of planned federal TIFIA loan drawdowns during FY16 to fund Crenshaw, Regional Connector, and Westside Purple Line Transit Construction. Repayment of these loans will come from Measure R contingency fund and commence in FY17.

Measure R

FY16 Measure R Ordinance
Summary of Sales Tax Revenues, Expenditures and Fund Balances
(by subfund)

(\$ in millions)

			A	B	C	D=A+B-C	
	Subfund	Expenditure Program	% of Sales Tax	FY16 Estimated Beginning Fund Balance	FY16 Revenue Budget	FY16 Expenditure Budget	FY16 Estimated Ending Fund Balance
1	Transit Capital	New Rail and/or Bus Rapid Transit Capital Projects	35.0%	\$ -	\$ 263.2	\$ 241.8 ⁽¹⁾	\$ 21.4
2	Highway Capital	Carpool Lanes, Highways, Goods Movement, Grade Separations, and Soundwalls	20.0%	243.5	150.4	250.9	142.9
3	Transit Capital	Metro Rail Capital - System Improvements, Rail Yards, and Rail Cars	2.0%	34.7	15.0	49.8	-
4	Operations	Bus Operations - Countywide Bus Service Operations, Maintenance, and Expansion	20.0%	3.2	150.4	151.6	2.0
5	Operations	Rail Operations (New Transit Projects Operations and Maintenance)	5.0%	77.3	37.6	50.4	64.5
6	Administration	Administration	1.5%	31.4	11.5	12.8	30.0
7	Transit Capital	Metrolink Capital Improvement Projects within LA County (Operations, Maintenance and Expansion)	3.0%	46.9	22.6	69.5	-
8	Local Return	See footnote ⁽²⁾	15.0%	0.0	112.8	112.8	-
9	Subtotal Measure R Projects Funding Plan from Sales Tax Revenues			\$ 437.1	\$ 763.5	\$ 939.6	\$ 260.9
10	Measure R Transit Capital 2% Bond Proceeds ⁽³⁾			-	18.7	18.7	-
11	Measure R Transit Capital 35% Commercial Paper ⁽³⁾			-	140.5	140.5	-
12	Measure R Transit Capital 35% TIFIA Loan Proceeds ⁽³⁾			-	441.1	441.1	-
13	Subtotal Measure R Projects Funding Plan from Bond Proceeds and TIFIA Loan Proceeds			\$ -	\$ 600.3	\$ 600.3	\$ -
14	Subtotal Measure R Projects Funding Plan from Measure R Sources			\$ 437.1	\$ 1,363.8	\$ 1,539.9	\$ 260.9
15	Subtotal Measure R Projects Funding Plan from Non-Measure R Sources ⁽⁴⁾			\$ -	\$ 757.2	\$ 757.2	\$ -
16	Total Measure R Projects Funding Plan			\$ 437.1	\$ 2,121.0	\$ 2,297.2	\$ 260.9

Note: Totals may not add due to rounding.

- (1) Excludes \$2.3 million amortization cost of bond premium to reflect the total Measure R funding.
- (2) To the incorporated Cities within Los Angeles County and to Los Angeles County for the Unincorporated Area on a per capita basis for major street resurfacing, rehabilitation and reconstruction; pothole repair; left turn signals; bikeways; pedestrian improvements; streetscapes; signal synchronization; and transit.
- (3) Metro plans to draw down \$441.1 million TIFIA (Transportation Infrastructure Finance and Innovation Act) loan in FY16 to fund Measure R Transit Capital 35% activities (including \$253.0 million for Crenshaw Project, \$174.4 million for Westside Purple Line, and \$13.7 million for Regional Connector). Metro plans to use Measure R Transit Capital - New Rail 35% Bond proceeds of \$140.5 million for Expo Phase II. Metro plans to use Measure R Transit Capital - Metro Rail 2% Bond proceeds of \$13.7 million for Blue Line Station Refurbishments and \$5.0 million for Gold Line Foothill Maintenance Facility - Metro
- (4) Funding from non-Measure R funding sources for Measure R projects: Federal Subsidies \$355.1 million; State Subsidies \$200.4 million; Local Subsidies \$201.7 million.

FY16 Measure R Projects/Funding

		FY16 Measure R Project Expenses		
		Measure R Funds (1)	Non-Measure R Funds (2)	Total Expenses
Measure R Funding / Projects (\$ in millions)				
1	Measure R Transit Capital - New Rail (35%)			
2	Eastside Extension Phase II	\$ -	\$ 2.0	\$ 2.0
3	Eastside Light Rail Access	5.4	-	5.4
4	Green Line Ext Redondo Beach-South Bay	-	0.4	0.4
5	Regional Connector	13.7	228.4	242.1
6	Sepulveda Pass Transit Corridor	-	3.5	3.5
7	Regional Clean Fuel Bus Capital	6.3	82.5	88.8
8	Airport Metro Connector	4.7	-	4.7
9	Gold Line Foothill	63.7	-	63.7
10	Westside Purple Line	238.6	106.0	344.6
11	Vehicle	50.0	70.9	120.9
12	San Fernando Valley East North/South Rapidways	2.3	-	2.3
13	West Santa Ana Branch Corridor	1.3	-	1.3
14	Expo II	140.5	72.4	213.0
15	Crenshaw	252.9	118.5	371.4
16	Expo I	-	13.8	13.8
17	Measure R Transit Capital - New Rail (35%) Total	\$ 779.5	\$ 698.4	\$ 1,477.9
18	Measure R Highway Capital (20%)			
19	Countywide Soundwall Projects	\$ 15.9	\$ -	\$ 15.9
20	High Desert Corridor	3.6	-	3.6
21	I-405, I-110, I-105, SR91 Ramp & Interchange	25.8	-	25.8
22	I-710 North Gap Closure	6.7	-	6.7
23	I-710 South Early Action Projects	34.4	-	34.4
24	Phase II Alameda Corridor E Grade Separation	14.0	-	14.0
25	SR-138 Capacity Enhancements	12.4	-	12.4
26	I-605 Corridor "Hot Spots"	15.7	-	15.7
27	Highway Operating Improvements Virgenes/Malibu	28.4	-	28.4
28	Highway Operating Improvements Arroyo Verdugo	10.7	-	10.7
29	Good Movements, I-5 N Truck Lanes, SR 71	-	0.3	0.3
30	BNSF Grade Sep Gateway Cities	-	-	-
31	I-5 South	83.0	-	83.0
32	I-5 North	0.2	-	0.2
33	Measure R Highway Capital (20%) Total	\$ 250.9	\$ 0.3	\$ 251.3
34	Measure R Transit Capital - Metro Rail (2%)			
35	Blue Line	\$ 13.7	\$ -	\$ 13.7
36	Eastside Quad Gate Study and Installation	1.0	-	1.0
37	Light Rail Fleet Midlife	14.6	-	14.6
38	Regional Connector	3.2	-	3.2
39	Transit Oriented Development	5.3	-	5.3
40	Gold Line Foothill	5.0	-	5.0
41	Westside Purple Line	3.2	-	3.2
42	Vehicle	5.0	-	5.0
43	Crenshaw	-	39.6	39.6
44	Fare Gate Project	5.5	-	5.5
45	Red/Purple Line Vehicle Midlife	4.9	5.1	10.0
46	Measure R Transit Capital - Metro Rail (2%) Total	\$ 61.3	\$ 44.7	\$ 106.0
47	Measure R Transit Capital - Metrolink (3%)			
48	Metrolink Transit Capital	\$ 26.0	\$ -	\$ 26.0
49	Vincent Grade/Action Station	5.7	-	5.7
50	Brighton To Roxford Double Track	3.9	-	3.9
51	Raymer to Bernson Double Track Project	8.2	3.5	11.7
52	Southern California Regional Interconnector Project (SCRIP)	16.5	-	16.5
53	Doran St. Grade Separation	2.6	-	2.6
54	Other Projects	6.6	2.2	8.8
55	Measure R Transit Capital - Metrolink (3%) Total	\$ 69.5	\$ 5.7	\$ 75.2
56	Measure R Operations - Bus (20%)			
57	Metro Bus Share	\$ 100.9	\$ -	\$ 100.9
58	Metro Orange Line	4.3	-	4.3
59	Measure R 20% Formula Allocation to Muni Operators	46.4	-	46.4
60	Measure R Operations - Bus (20%) Total	\$ 151.6	\$ -	\$ 151.6
61	Measure R Operations - New Rail (5%)	\$ 50.4	\$ -	\$ 50.4
62	Measure R Administration (1.5%)	\$ 12.8	\$ -	\$ 12.8
63	Measure R Local Return (15%)	\$ 112.8	\$ -	\$ 112.8
64	Measure R Debt Service Expenses⁽³⁾	\$ 51.1	\$ 8.0	\$ 59.1
65	Grand Total	\$ 1,539.9	\$ 757.2	\$ 2,297.2

Note: Totals may not add due to rounding.

(1) Measure R funding sources include Measure R Bond Proceeds, Measure R cash and TIFIA loan.

(2) Funding from non-Measure R funding sources for Measure R projects: Federal Subsidies \$355.1 million; State Subsidies \$200.4 million; Local Subsidies \$201.7 million. Local Subsidies sources include Prop A 35 bond proceeds, Prop C 25 bond proceeds, TDA, and local grants from cities.

(3) \$2.3 million amortization cost of bond premium is included as non-Measure R funding source. Current debt service expenses are funded by Measure R Transit Capital - New Rail 35% and Measure R Transit Capital - Metro Rail 2%.

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Funds

Governmental Funds
Estimated Fund Balances
for the Year Ending June 30, 2016

Fund Type	(\$ in millions)	FY16 Estimated Ending Fund Balance
Proposition A:		
Discretionary Transit (95% of 40%)		\$ 13.2 ⁽¹⁾
Discretionary Incentive (5% of 40%)		12.4
Rail (35%)		2.3 ⁽²⁾
Interest		6.6
Total Proposition A		\$ 34.6
Proposition C:		
Discretionary (40%)		\$ 228.0 ⁽¹⁾
Security (5%)		11.6 ⁽¹⁾
Commuter Rail (10%)		- ⁽²⁾
Street & Highway (25%)		69.9
Interest		16.4
Total Proposition C		\$ 326.0
Measure R:		
Administration (1.5%)		\$ 30.0
Transit Capital - Metrolink (3%)		-
Transit Capital - Metro Rail (2%)		-
Transit Capital - New Rail (35%)		21.4
Highway Capital (20%)		142.9
New Rail Operations (5%)		64.5
Bus Operations (20%)		2.0 ⁽¹⁾
Total Measure R		\$ 260.9
Transportation Development Act (TDA):		
Article 3		\$ 14.7 ⁽¹⁾
Article 4		242.2 ⁽¹⁾
Article 8		3.7 ⁽¹⁾
Total TDA		\$ 260.5
State Transit Assistance (STA):		
Revenue Share		\$ 11.5 ⁽¹⁾
Population Share		-
Total STA		\$ 11.5
Total PTMISEA ⁽³⁾		\$ 108.9
Total SAFE Fund		\$ 16.4 ⁽²⁾
Total Other Special Revenue Funds		\$ 53.0 ⁽¹⁾
General Fund:		
Administration - Proposition A, C, & TDA		\$ -
Mandatory Operating Reserve		127.1
General Fund / Other		258.1 ⁽²⁾
Total General Fund		\$ 385.2
Total of Estimated FY16 Ending Fund Balances		\$ 1,456.9

Note: Totals may not add due to rounding.

⁽¹⁾ Previously allocated to Metro, Municipal Operators and cities.

⁽²⁾ Committed to board approved projects and programs.

⁽³⁾ PTMISEA stands for Public Transportation Modernization, Improvement, and Service Enhancement Account. Committed for capital projects.

Governmental Funds
Statement of Revenues, Expenditures and Changes in Fund Balances
for the Years Ending June 30, 2015 and 2016

Governmental Funds (\$ in millions)	Special Revenue Fund (1)		General Fund		Total	
	FY15 Budget	FY16 Proposed	FY15 Budget	FY16 Proposed	FY15 Budget	FY16 Proposed
Revenue						
Sales Tax ⁽²⁾	\$ 2,702.2	\$ 2,785.4	\$ -	\$ -	\$ 2,702.2	\$ 2,785.4
Intergovernmental Grants ⁽³⁾	377.9	268.4	21.9	46.8	399.7	315.2
Investment Income	0.5	0.1	4.1	4.1	4.6	4.2
Lease and Rental	-	-	16.2	14.2	16.2	14.2
Licenses and Fines	-	-	0.5	0.5	0.5	0.5
Other	-	-	0.2	19.6	0.2	19.6
Total Revenues	\$ 3,080.6	\$ 3,053.9	\$ 42.8	\$ 85.2	\$ 3,123.4	\$ 3,139.1
Expenditures						
Subsidies	\$ 1,232.9	\$ 1,309.5	\$ 30.2	\$ 47.9	\$ 1,263.2	\$ 1,357.5
Operating Expenditures	278.1	207.0	132.4	144.6	410.6	351.5
Debt & Interest Expenditures	-	-	1.0	1.2	1.0	1.2
Debt Principal Retirement	-	-	1.2	1.0	1.2	1.0
Total Expenditures	\$ 1,511.1	\$ 1,516.5	\$ 164.8	\$ 194.7	\$ 1,675.9	\$ 1,711.1
Transfers						
Transfers In	\$ 79.4	\$ 18.0	\$ 135.0	\$ 87.2	\$ 214.4	\$ 105.2
Transfers (Out)	(2,406.4)	(1,876.6)	(25.7)	(114.2)	(2,432.1)	(1,990.8)
Proceeds from Financing	90.4	108.6	-	0.4	90.4	109.0
Total Transfers	\$ (2,236.6)	\$ (1,750.0)	\$ 109.3	\$ (26.6)	\$ (2,127.3)	\$ (1,776.6)
Net Change in Fund Balances	\$ (667.1)	\$ (212.5)	\$ (12.7)	\$ (136.1)	\$ (679.8)	\$ (348.6)
Fund Balances - beginning of year ⁽⁴⁾	\$ 1,905.5	\$ 1,284.2	\$ 512.6	\$ 521.3	\$ 2,418.1	\$ 1,805.5
Fund Balances - End of Year	\$ 1,238.4	\$ 1,071.7	\$ 499.9	\$ 385.2	\$ 1,738.2	\$ 1,456.9

Note: Totals may not add due to rounding.

(1) Special Revenue Fund includes Measure R fund which is presented separately on pages 34 and 35.

(2) Includes TDA, STA, and SAFE revenues in addition to Proposition A, C, and Measure R sales tax revenues.

(3) Includes grant revenues from Federal, State and Local sources including tolls.

(4) Beginning FY16 Fund Balances reflect anticipated unspent FY15 budgeted expenditures.

Enterprise Fund Bus & Rail Operations

Resources and Expenses (\$ in millions)	FY15 Budget	FY16 Proposed				
		Total	Bus	Rail	Transit Court	Regional Activities
Transit Operations Resources						
Transit Fares and Other Revenues						
Fares	\$ 351.1	\$ 376.0	\$ 280.2	\$ 95.8	\$ -	\$ -
Advertising	21.5	22.5	20.2	2.3	-	-
Other Revenues ⁽¹⁾	7.1	5.3	3.9	-	1.4	-
Total Fare and Other Revenues	\$ 379.7	\$ 403.8	\$ 304.3	\$ 98.1	\$ 1.4	\$ -
Federal & State Grants						
Federal Preventive Maintenance	\$ 227.0	\$ 221.6	\$ 145.3	\$ 76.3	\$ -	\$ -
Federal CMAQ	23.0	10.8	-	10.8	-	-
Federal and States Grants	13.6	12.5	-	11.8	-	0.7
Total Federal and State Grants	\$ 263.6	\$ 244.9	\$ 145.3	\$ 98.9	\$ -	\$ 0.7
Local Subsidies						
Prop A - (40% Bus) & (35% Rail)	\$ 455.8	\$ 249.2	\$ 160.1	\$ 79.0	\$ -	\$ 10.1
Prop C - (40% Bus/Rail) & (5% Security)	58.5	69.9	52.6	17.3	-	-
Measure R - (20% Bus) & (5% Rail)	136.0	155.7	105.3	50.4	-	-
TDA Article 4	32.0	233.7	221.7	-	-	12.0
STA	85.7	91.3	40.5	50.8	-	-
Toll Revenue Grant	2.9	4.2	4.2	-	-	-
General Fund & Other Funds	-	19.0	14.1	4.9	0.1	-
Total Local Subsidies	\$ 770.9	\$ 823.1	\$ 598.5	\$ 202.4	\$ 0.1	\$ 22.1
Total Transit Operations Resources	\$ 1,414.2	\$ 1,471.7	\$ 1,048.2	\$ 399.4	\$ 1.4	\$ 22.8
Transit Capital Resources						
Federal, State & Local Grants	\$ 808.5	\$ 643.3	\$ 74.7	\$ 568.5	\$ -	\$ -
Local and State Sales Tax ⁽²⁾	920.1	457.9	153.7	304.2	-	-
Other Capital Financing	317.4	899.0	15.0	883.9	-	-
Total Transit Capital Resources	\$ 2,046.0	\$ 2,000.2	\$ 243.5	\$ 1,756.7	\$ -	\$ -
Total Transit Operations & Capital Resources	\$ 3,460.3	\$ 3,471.9	\$ 1,291.6	\$ 2,156.0	\$ 1.4	\$ 22.8
Transit Operations Expenses						
Labor & Benefits	\$ 885.4	\$ 942.7	\$ 712.2	\$ 206.5	\$ 0.5	\$ 23.5
Fuel & Propulsion Power	65.1	62.6	25.0	37.6	-	-
Materials & Supplies	96.2	95.3	68.7	22.4	-	4.2
Contract and Professional Services	181.8	176.3	61.9	97.2	0.7	16.4
PL/PD and Other Insurance	51.2	50.9	46.4	4.4	-	-
Purchased Transportation	45.9	47.0	47.0	-	-	-
Allocated Overhead ⁽³⁾	58.9	64.4	42.9	16.2	0.1	5.1
Regional Chargeback	-	-	22.5	7.6	-	(30.1)
Other Expenses ⁽⁴⁾	29.7	32.6	21.5	7.5	-	3.6
Total Transit Operations Expenses	\$ 1,414.2	\$ 1,471.7	\$ 1,048.2	\$ 399.4	\$ 1.4	\$ 22.8
Transit Capital Expenses Operating	2,011.9	1,973.7	243.5	1,730.2	-	-
Transit Capital Expenses Planning	34.1	26.5	-	26.5	-	-
Total Capital Expenses ⁽⁵⁾	\$ 2,046.0	\$ 2,000.2	\$ 243.5	\$ 1,756.7	\$ -	\$ -
Total Transit Operations & Capital Expenses	\$ 3,460.3	\$ 3,471.9	\$ 1,291.6	\$ 2,156.0	\$ 1.4	\$ 22.8
Transit Operations & Capital (Deficit)/Surplus	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Note: Totals may not add due to rounding.

(1) Other Revenues includes Interest income, parking charges, vending revenues, county buy down, transit court and other miscellaneous revenues.

(2) Includes funding from Sales Tax, General Fund, State Repayment of Capital Project Loans, and State Proposition 1B cash funds.

(3) Year-to-year changes in overhead distribution reflect changes in overhead allocation approved by Federal funding partners.

(4) Other Expenses includes utilities and credits, taxes, advertisement/settlement, travel/mileage/meals and training/seminars/periodicals.

(5) Capital expenses for operations and construction project planning are combined for reporting purposes.

Enterprise Fund Other Operations

	FY15 Budget	FY16 Proposed			
		Total	Union Station	Express Lanes	Park & Ride
Resources and Expenses (\$ in millions)					
1 <u>Other Transit Operations Resources</u>					
2 <u>Toll Fares and Other Revenues</u>					
3 Tolls & Violation Fines	\$ 40.1	\$ 62.2	\$ -	\$ 62.2	\$ -
4 Rental & Lease Income	0.7	3.1	2.7	-	0.4
5 Total Toll Fares and Other Revenues	\$ 40.8	\$ 65.3	\$ 2.7	\$ 62.2	\$ 0.4
6 <u>Local Subsidies</u>					
7 Prop A	\$ -	\$ 0.7	\$ -	\$ -	\$ 0.7
8 Prop C Commuter Rail & General Fund	0.4	3.0	-	-	3.0
9 Total Local Subsidies	\$ 0.4	\$ 3.7	\$ -	\$ -	\$ 3.7
10 Total Other Transit Operations Resources	\$ 41.2	\$ 69.0	\$ 2.7	\$ 62.2	\$ 4.1
11 <u>Transit Other Operations Expenses</u>					
12 Labor & Benefits	\$ 1.9	\$ 2.7	\$ 0.5	\$ 1.7	\$ 0.5
13 Fuel & Propulsion Power	-	-	-	-	-
14 Materials & Supplies	-	0.3	-	-	0.3
15 Contract and Professional Services	31.7	44.5	1.4	40.1	3.1
16 PL/PP and Other Insurance	0.2	0.2	0.2	-	-
17 Purchased Transportation	-	-	-	-	-
18 Allocated Overhead	0.8	0.9	0.2	0.5	0.2
18 Regional Chargeback	-	-	-	-	-
19 Other Expenses	-	-	-	-	-
20 Total Other Transit Operations Expenses	\$ 34.7	\$ 48.6	\$ 2.3	\$ 42.3	\$ 4.0
21 <u>Other Operations Non Operating Expenses</u>					
22 Congestion Relief Reserve	\$ 0.9	\$ 1.9	\$ -	\$ 1.9	\$ -
23 Silver Line Service	2.9	-	-	-	-
24 Congestion Relief Transit Operating Subsidy	2.5	6.2	-	6.2	-
25 Congestion Relief Toll Revenue Grant Program	-	6.6	-	6.6	-
26 Union Station	-	0.5	0.5	-	-
27 Interactive Kiosk Pilot	0.2	-	-	-	-
28 Total Other Operations Non Operating Expenses	\$ 6.5	\$ 15.1	\$ 0.5	\$ 14.6	\$ -
29 Transit Other Operations (Deficit)/Surplus ⁽¹⁾	\$ -	\$ 5.3	\$ -	\$ 5.3	\$ -

Note: Totals may not add due to rounding.

⁽¹⁾ Net Tolls are designated for the Metro ExpressLanes Net Toll Revenue Reinvestment Program.

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Service Statistics

Bus and Rail Operating Statistics

Statistic	Bus			Rail			Total		
	FY15 Budget	FY16 Proposed	% Inc	FY15 Budget	FY16 Proposed	% Inc	FY15 Budget	FY16 Proposed	% Inc
Service Provided (000)									
Revenue Service Hours (RSH)	7,062	7,062	0.0%	1,028	1,094	6.5%	8,090	8,156	0.8%
Revenue Service Miles (RSM)	78,950	78,950	0.0%	21,584	22,844	5.8%	100,533	101,794	1.3%
Service Consumed (000)									
Unlinked Boardings	359,260	359,260	0.0%	114,111	121,516	6.5%	473,371	480,776	1.6%
Passenger Miles	1,485,414	1,485,414	0.0%	644,821	680,113	5.5%	2,130,235	2,165,527	1.7%
Operating Revenue (000)									
Fare Revenue	\$ 266,322	\$ 280,206	5.2%	\$ 84,744	\$ 95,760	13.0%	\$ 351,066	\$ 375,966	7.1%
Advertising/Other	\$ 24,812	\$ 24,130	-2.7%	\$ 2,297	\$ 2,297	0.0%	\$ 27,109	\$ 26,427	-2.7%
Total	\$ 291,134	\$ 304,336	4.5%	\$ 87,041	\$ 98,057	12.7%	\$ 378,175	\$ 402,393	6.4%
Operating Cost Data (000)									
Transportation	\$ 375,642	\$ 380,222	1.2%	\$ 59,419	\$ 64,023	7.7%	\$ 435,061	\$ 444,245	2.1%
Maintenance	\$ 300,050	\$ 312,506	4.2%	\$ 160,719	\$ 174,718	8.7%	\$ 460,769	\$ 487,224	5.7%
Other & Support Cost	\$ 343,413	\$ 355,431	3.5%	\$ 149,950	\$ 160,631	7.1%	\$ 493,363	\$ 516,062	4.6%
Total	\$ 1,019,105	\$ 1,048,159	2.9%	\$ 370,088	\$ 399,372	7.9%	\$ 1,389,193	\$ 1,447,531	4.2%
Subsidy Data (000):	\$ 727,971	\$ 743,823	2.2%	\$ 283,047	\$ 301,315	6.5%	\$ 1,011,018	\$ 1,045,138	3.4%
Per Boarding Statistics									
Fare Revenue	\$ 0.74	\$ 0.78	5.4%	\$ 0.74	\$ 0.78	5.4%	\$ 0.74	\$ 0.78	5.4%
Operating Cost	\$ 2.84	\$ 2.92	2.9%	\$ 3.24	\$ 3.29	1.3%	\$ 2.93	\$ 3.01	2.6%
Subsidy	\$ 2.03	\$ 2.07	2.2%	\$ 2.48	\$ 2.48	0.0%	\$ 2.14	\$ 2.17	2.2%
Passenger Miles	4.13	4.13	0.0%	5.65	5.60	-1.0%	4.50	4.50	0.0%
Fare Recovery %	26.1%	26.7%	0.6%	22.9%	24.0%	1.1%	25.3%	26.0%	0.7%
Per RSH Statistics									
Revenue	\$ 41.23	\$ 43.10	4.5%	\$ 84.69	\$ 89.59	5.8%	\$ 46.75	\$ 49.34	5.5%
Boardings	50.87	50.87	0.0%	111.02	111.02	0.0%	58.52	58.52	0.0%
Passenger Miles	210.35	210.35	0.0%	627.38	621.39	-1.0%	263.33	265.51	0.8%
Transportation Cost	\$ 53.19	\$ 53.84	1.2%	\$ 57.81	\$ 58.50	1.2%	\$ 53.78	\$ 54.47	1.2%
Maintenance Cost	\$ 42.49	\$ 44.25	4.2%	\$ 156.37	\$ 159.63	2.1%	\$ 56.96	\$ 59.74	3.2%
Other & Support Cost	\$ 48.63	\$ 50.33	3.5%	\$ 145.89	\$ 146.76	0.6%	\$ 60.99	\$ 63.27	3.7%
Total Cost	\$ 144.31	\$ 148.43	2.9%	\$ 360.08	\$ 364.89	1.3%	\$ 171.73	\$ 177.48	3.3%
Subsidy	\$ 103.09	\$ 105.33	2.2%	\$ 275.39	\$ 275.30	0.0%	\$ 124.98	\$ 128.14	2.2%
Per Passenger Mile Statistics									
Revenue	\$ 0.20	\$ 0.20	0.0%	\$ 0.13	\$ 0.14	6.8%	\$ 0.18	\$ 0.19	4.7%
Revenue Mile	0.05	0.05	0.0%	0.03	0.03	0.0%	0.05	0.05	0.0%
Transportation Cost	\$ 0.25	\$ 0.26	1.2%	\$ 0.09	\$ 0.09	0.0%	\$ 0.20	\$ 0.20	0.0%
Maintenance Cost	\$ 0.20	\$ 0.21	4.2%	\$ 0.25	\$ 0.26	3.1%	\$ 0.22	\$ 0.22	0.0%
Other & Support Cost	\$ 0.23	\$ 0.24	3.5%	\$ 0.23	\$ 0.24	1.6%	\$ 0.23	\$ 0.24	2.9%
Total Cost	\$ 0.69	\$ 0.71	2.9%	\$ 0.57	\$ 0.59	2.3%	\$ 0.65	\$ 0.67	2.5%
Subsidy	\$ 0.49	\$ 0.50	2.2%	\$ 0.44	\$ 0.44	0.9%	\$ 0.47	\$ 0.48	1.7%
FTE's per Hundred ⁽¹⁾									
Operators per RSH	5.58	5.58	0.0%	3.78	4.03	6.5%	4.99	5.02	0.5%
Mechanics per RSM	0.12	0.12	0.0%	0.11	0.11	0.0%	0.11	0.11	0.0%
Service Attendants RSM	0.06	0.06	0.0%	0.05	0.05	0.0%	0.05	0.05	0.0%
Maintenance of Way (MOW)	-	-	-	29.53	29.53	0.0%	29.53	29.53	0.0%
Inspectors per RM ⁽²⁾									
Transit Operations Supervisors per RSH	0.47	0.47	0.0%	1.33	1.39	4.2%	0.59	0.60	2.5%

⁽¹⁾ Does not include purchased transportation miles/hours.

⁽²⁾ Per route mile

Service Level Details

Revenue Service Hours

Mode	FY15 Budget	FY16 Proposed	Inc/(Dec)
Bus			
Local & Rapid	6,327,663	6,327,663	-
Silver Line	84,380	84,380	-
Orange Line	130,516	130,516	-
Purchased Transp	519,176	519,176	-
Subtotal Bus	7,061,735	7,061,735	-
Rail			
Blue Line	294,483	294,483	-
Green Line	93,589	93,589	-
Gold Line	190,057	214,069	24,012
Expo Line	124,160	166,848	42,688
Heavy Rail	325,510	325,510	-
Subtotal Rail	1,027,799	1,094,499	66,700
Totals	8,089,534	8,156,234	66,700

Boardings (000s)

Mode	FY15 Budget	FY16 Proposed	Inc/(Dec)
Bus			
Local & Rapid	330,015	330,015	-
Silver Line	3,978	3,978	-
Orange Line	8,957	8,957	-
Purchased Transp	16,310	16,310	-
Subtotal Bus	359,260	359,260	-
Rail			
Blue Line	27,597	27,597	-
Green Line	13,315	13,315	-
Gold Line	13,594	16,260	2,666
Expo Line	9,222	13,961	4,739
Heavy Rail	50,383	50,383	-
Subtotal Rail	114,111	121,516	7,405
Totals	473,371	480,776	7,405

Revenue Service Miles

Mode	FY15 Budget	FY16 Proposed	Inc/(Dec)
Bus			
Local & Rapid	68,701,920	68,701,920	-
Silver Line	1,831,046	1,831,046	-
Orange Line	2,140,454	2,140,454	-
Purchased Transp	6,276,209	6,276,209	-
Subtotal Bus	78,949,629	78,949,629	-
Rail			
Blue Line	5,427,387	5,427,387	-
Green Line	2,730,794	2,730,794	-
Gold Line	3,750,486	4,224,326	473,840
Expo Line	2,288,299	3,075,049	786,750
Heavy Rail	7,386,642	7,386,642	-
Subtotal Rail	21,583,608	22,844,199	1,260,591
Totals	100,533,237	101,793,828	1,260,591

Passenger Miles (000s)

Mode	FY15 Budget	FY16 Proposed	Inc/(Dec)
Bus			
Local & Rapid	1,335,293	1,335,293	-
Silver Line	15,672	15,672	-
Orange Line	56,841	56,841	-
Purchased Transp	77,608	77,608	-
Subtotal Bus	1,485,414	1,485,414	-
Rail			
Blue Line	197,545	197,545	-
Green Line	85,788	85,788	-
Gold Line	82,263	98,396	16,133
Expo Line	37,280	56,439	19,159
Heavy Rail	241,945	241,945	-
Subtotal Rail	644,821	680,113	35,292
Totals	2,130,235	2,165,527	35,292

Note: Totals may not add due to rounding.

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Activity Based Cost Models

Activity Based Bus Cost Model

Activities	FY15 Budget		FY16 Proposed		Inc/(Dec)	
	\$000	\$/RSH	\$000	\$/RSH	\$000	\$/RSH
Transportation						
Wages & Benefits	\$ 346,023	\$ 52.89	\$ 350,420	\$ 53.56	\$ 4,397	\$ 0.67
Services	63	0.01	58	0.01	(6)	-
Materials & Supplies	378	0.06	387	0.06	9	-
Training	7,046	1.08	7,050	1.08	4	-
Control Center	7,898	1.21	8,168	1.25	269	0.04
Scheduling & Planning	4,444	0.68	4,580	0.70	135	0.02
Field Supervision	9,789	1.50	9,560	1.46	(229)	(0.03)
Total Transportation	\$ 375,642	\$ 57.42	\$ 380,222	\$ 58.12	\$ 4,580	\$ 0.70
Maintenance						
Division Maintenance						
Wages & Benefits	\$ 138,045	\$ 21.10	\$ 149,023	\$ 22.78	\$ 10,978	\$ 1.68
Fuel	31,916	4.88	28,143	4.30	(3,773)	(0.58)
Materials & Supplies	43,935	6.72	44,251	6.76	316	0.05
Fueling Contractor Reimbursement	(875)	(0.13)	(1,000)	(0.15)	(125)	-
Services	216	0.03	224	0.03	8	-
Subtotal Division Maintenance	\$ 213,237	\$ 32.59	\$ 220,641	\$ 33.72	\$ 7,404	\$ 1.13
Central Maintenance						
Wages & Benefits	\$ 17,245	\$ 2.64	\$ 20,831	\$ 3.18	\$ 3,586	\$ 0.55
Materials & Supplies	5,196	0.79	5,196	0.79	-	-
Maintenance Services	197	0.03	195	0.03	(1)	-
Subtotal Central Maintenance	\$ 22,637	\$ 3.46	\$ 26,222	\$ 4.01	\$ 3,585	\$ 0.55
Other Maintenance						
Maintenance Support	\$ 15,417	\$ 2.36	\$ 17,536	\$ 2.68	\$ 2,118	\$ 0.32
Non-Revenue Vehicles	7,427	1.14	7,973	1.22	545	0.08
Facilities Maintenance	39,194	5.99	37,816	5.78	(1,377)	(0.21)
Training	2,137	0.33	2,319	0.35	181	0.03
Subtotal Other Maintenance	\$ 64,176	\$ 9.81	\$ 65,643	\$ 10.03	\$ 1,468	\$ 0.22
Total Maintenance	\$ 300,050	\$ 45.86	\$ 312,506	\$ 47.77	\$ 12,457	\$ 1.90

Activity Based Bus Cost Model (continued)

Activities	FY15 Budget		FY16 Proposed		Inc/(Dec)	
	\$000	\$/RSH	\$000	\$/RSH	\$000	\$/RSH
Other Operating						
Transit Security	\$ 30,675	\$ 4.69	\$ 30,758	\$ 4.70	\$ 83	\$ 0.01
Revenue	33,114	5.06	31,616	4.83	(1,497)	(0.23)
Service Development	11,942	1.83	10,904	1.67	(1,038)	(0.16)
Safety	3,495	0.53	3,715	0.57	220	0.03
Casualty & Liability	47,293	7.23	46,633	7.13	(660)	(0.10)
Workers' Comp	47,456	7.25	49,778	7.61	2,322	0.36
Transitional Duty Program	1,094	0.17	1,129	0.17	35	0.01
Utilities	14,903	2.28	16,276	2.49	1,373	0.21
Other Metro Operations	9,242	1.41	9,314	1.42	72	0.01
Building Costs	11,486	1.76	11,517	1.76	30	-
Copy Services	1,142	0.17	1,131	0.17	(11)	-
Total Other Operating	\$ 211,843	\$ 32.38	\$ 212,771	\$ 32.52	\$ 928	\$ 0.14
Support Departments						
Board Oversight	\$ 578	\$ 0.09	\$ 1,797	\$ 0.27	\$ 1,219	\$ 0.19
CEO	5,181	0.79	6,793	1.04	1,611	0.25
Management Audit Services	1,782	0.27	1,824	0.28	42	0.01
Procurement	22,936	3.51	24,511	3.75	1,575	0.24
Communications	11,595	1.77	13,286	2.03	1,691	0.26
Finance	10,310	1.58	11,840	1.81	1,530	0.23
Human Resources	3,624	0.55	3,810	0.58	186	0.03
Real Estate	2,607	0.40	4,002	0.61	1,394	0.21
ITS	20,787	3.18	21,559	3.30	772	0.12
Administration	2,162	0.33	2,231	0.34	69	0.01
Construction	1,042	0.16	1,108	0.17	66	0.01
Total Support Departments	\$ 82,604	\$ 12.63	\$ 92,760	\$ 14.18	\$ 10,156	\$ 1.55
Total Local & Rapid Bus Costs	\$ 970,138	\$ 148.28	\$ 998,259	\$ 152.58	\$ 28,121	\$ 4.30
Directly Operated RSH	6,543		6,543		-	
Purchased Transportation						
Contracted Service	\$ 45,940	\$ 88.49	\$ 46,980	\$ 90.49	\$ 1,039	\$ 2.00
Security	2,439	4.70	2,441	4.70	2	-
Administration	587	1.13	479	0.92	(109)	(0.21)
Total Purchased Transportation	\$ 48,967	\$ 94.32	\$ 49,900	\$ 96.11	\$ 933	\$ 1.80
Purchased Transportation RSH	519		519		-	
Grand Total Bus Costs	\$ 1,019,105	\$ 144.31	\$ 1,048,159	\$ 148.43	\$ 29,054	\$ 4.11
Total Bus RSH (in 000s)	7,062		7,062		-	

Note: Totals may not add due to rounding.

Activity Based Rail Cost Model

Activities	FY15 Budget		FY16 Proposed		Inc/(Dec)	
	\$000	\$/RSH	\$000	\$/RSH	\$	\$/RSH
Transportation						
Wages & Benefits	\$ 45,417	\$ 44.19	\$ 49,608	\$ 45.32	\$ 4,190	\$ 1.14
Materials & Supplies	130	0.13	132	0.12	2	(0.01)
Other	34	0.03	31	0.03	(3)	-
Control Center	12,044	11.72	12,332	11.27	288	(0.45)
Training	1,794	1.75	1,919	1.75	126	0.01
Total Transportation	\$ 59,419	\$ 57.81	\$ 64,023	\$ 58.50	\$ 4,604	\$ 0.68
Maintenance						
Vehicle Maintenance						
Wages & Benefits	\$ 43,101	\$ 41.94	\$ 51,366	\$ 46.93	\$ 8,265	\$ 5.00
Materials & Supplies	12,929	12.58	13,093	11.96	165	(0.62)
Services	121	0.12	102	0.09	(19)	(0.02)
Other	9	0.01	4	-	(6)	(0.01)
Subtotal Vehicle Maintenance	\$ 56,160	\$ 54.64	\$ 64,565	\$ 58.99	\$ 8,405	\$ 4.35
Wayside Maintenance						
Wages & Benefits	\$ 28,253	\$ 27.49	\$ 29,341	\$ 26.81	\$ 1,088	\$ (0.68)
Materials & Supplies	4,207	4.09	4,240	3.87	33	(0.22)
Services	747	0.73	620	0.57	(127)	(0.16)
Propulsion Power	36,177	35.20	36,696	33.53	519	(1.67)
Other	559	0.54	565	0.52	7	(0.03)
Subtotal Wayside Maintenance	\$ 69,943	\$ 68.05	\$ 71,463	\$ 65.29	\$ 1,520	\$ (2.76)
Other Maintenance						
Maintenance Support	\$ 571	\$ 0.56	\$ 2,387	\$ 2.18	\$ 1,816	\$ 1.63
Non-Revenue Vehicles	2,117	2.06	2,365	2.16	248	0.10
Facilities Maintenance	30,304	29.48	31,865	29.11	1,560	(0.37)
Maintenance Training	1,624	1.58	2,073	1.89	449	0.31
Subtotal Other Maintenance	\$ 34,616	\$ 33.68	\$ 38,690	\$ 35.35	\$ 4,074	\$ 1.67
Total Maintenance	\$ 160,719	\$ 156.37	\$ 174,718	\$ 159.63	\$ 13,999	\$ 3.26
Other Operating						
Transit Security	\$ 65,293	\$ 63.53	\$ 65,616	\$ 59.95	\$ 323	\$ (3.58)
Revenue	20,237	19.69	19,764	18.06	(473)	(1.63)
Service Development	101	0.10	213	0.19	112	0.10
Safety	5,181	5.04	5,164	4.72	(17)	(0.32)
Casualty & Liability	4,199	4.09	4,551	4.16	352	0.07
Workers' Comp	7,633	7.43	8,879	8.11	1,246	0.69
Transitional Duty Program	60	0.06	60	0.05	-	-
Utilities	2,293	2.23	3,250	2.97	958	0.74
Other Metro Operations	4,263	4.15	6,724	6.14	2,461	2.00
Building Costs	3,259	3.17	4,241	3.88	982	0.70
Copy Services	324	0.32	416	0.38	92	0.07
Total Other Operating	\$ 112,844	\$ 109.79	\$ 118,879	\$ 108.61	\$ 6,035	\$ (1.18)
Support Departments						
Board Oversight	\$ 56	\$ 0.05	\$ 55	\$ 0.05	\$ (1)	\$ -
CEO	2,149	2.09	3,146	2.87	997	0.78
Management Audit Services	506	0.49	672	0.61	166	0.12
Procurement	6,797	6.61	7,929	7.24	1,132	0.63
Communication	5,662	5.51	5,996	5.48	334	(0.03)
Real Estate	3,168	3.08	6,105	5.58	2,937	2.50
Finance	2,267	2.21	3,189	2.91	922	0.71
Human Resources	1,028	1.00	1,403	1.28	375	0.28
ITS	4,762	4.63	6,381	5.83	1,619	1.20
Administration	724	0.70	877	0.80	152	0.10
Construction	9,988	9.72	5,999	5.48	(3,989)	(4.24)
Total Support Departments	\$ 37,106	\$ 36.10	\$ 41,751	\$ 38.15	\$ 4,645	\$ 2.04
Grand Total Rail Costs	\$ 370,088	\$ 360.08	\$ 399,372	\$ 364.89	\$ 29,284	\$ 4.81
Total Rail Revenue Service Hours (in 000s)	1,028		1,094		67	

Note: Totals may not add due to rounding.

Appendix I

Legally Separate Entities

Public Transportation Services Corporation

Public Transportation Services Corporation (PTSC) is a nonprofit public benefit corporation. PTSC was created in December 1996 in order to transfer certain functions performed by the LACMTA and the employees related to those functions to this new corporation. The PTSC conducts essential public transportation activities including: planning, programming funds for transportation projects within Los Angeles County, construction, providing certain business services to the County's Service Authority for Freeway Emergencies (SAFE) and the Southern California Regional Rail Authority (SCRRA), and providing security services to the operation of the Metro Bus and Rail systems. PTSC allows the employees of the corporation to participate in the California Public Employees Retirement System (PERS).

Statement of Revenues, Expenses and Changes in Retained Earnings For the Years Ending June 30, 2015 and 2016

PTSC (\$ in millions)	FY15 Budget	FY16 Proposed
1 Revenue	\$ 305.8	\$ 330.5
2 Expenses	305.8	330.5
3 Increase(decrease) in retained earnings	-	-
4 Retained earnings - beginning of year	-	-
5 Retained earnings - end of year	\$ -	\$ -

Note: Totals may not add due to rounding.

Exposition Metro Line Construction Authority

The Exposition Metro Line Construction Authority (Expo) was created by the State Legislature under Public Utilities Code Section 132600, et seq. for the purpose of awarding and overseeing final design and construction contracts for completion of the Los Angeles-Exposition Metro Light Rail project from the Metro Rail Station at 7th Street and Flower Street in the City of Los Angeles to downtown Santa Monica.

Exposition Metro Line Construction Authority (\$ in millions)	FY15 Budget	FY16 Proposed
1 Revenue	\$ 397.5	\$ 429.6
2 Expenditures	397.5	429.6
3 Net change in fund balance	-	-
4 Fund balance - beginning of year	-	-
5 Fund balance - end of year	\$ -	\$ -

Note: Totals may not add due to rounding.

Notes:

- FY16 Budget is composed of Phase I \$31.8 million and Phase II \$397.8 million.
- Funding for all Expo projects LOP is provided by Metro. Additional funding outside the LOP is provided by municipalities for improvements within their city limits.

Service Authority for Freeway Emergencies (SAFE)

The Los Angeles County Service Authority for Freeway Emergencies (SAFE) was established in Los Angeles County in 1988. SAFE is a separate legal authority created under state law and is responsible for providing motorist aid services in Los Angeles County. SAFE currently operates, manages and/or funds:

- The Los Angeles County Kenneth Hahn Call Box System
- 511 – Mobile Call Box program
- The Metro Freeway Service Patrol
- The Motorist Aid and Traveler Information System (MATIS)

SAFE receives its funding from a dedicated \$1 surcharge assessed on each vehicle registered within Los Angeles County.

Statement of Revenues, Expenditures and Changes in Fund Balances For the Years Ending June 30, 2015 and 2016

Service Authority for Freeway Emergencies (\$ in millions)		FY15 Budget	FY16 Proposed
1	Revenues	\$ 8.0	\$ 7.6
2	Expenditures	11.6	10.3
3	Excess (deficiency) of revenue over expenditures	(3.6)	(2.7)
4	Other financing and sources (uses) - transfer out	(5.0)	(2.0)
5	Fund balances - beginning of year	29.7	21.1
6	Fund balances - end of year	\$ 21.1	\$ 16.4

Note: Totals may not add due to rounding.

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Appendix II

Capital Program Project Listing

Capital Program Project Listing

Project Description (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Measure R Transit Capital Expansion				
Rail				
Crenshaw				
Crenshaw/LAX Business Interruption Fund	\$ -	\$ 3,200	\$ 3,200	New
Crenshaw/LAX Insurance Betterment	5,276	-	5,276	
Crenshaw/LAX Light Rail Transit: Construction	656,250	365,930	2,058,000	
Crenshaw/LAX Light Rail Transit: Planning Phase 1	5,526	-	-	
Crenshaw/LAX Light Rail Transit: Planning Phase 2	20,023	-	-	
Southwestern Maintenance Yard	111,552	39,589	-	1
Crenshaw Total	\$ 798,627	\$ 408,719	\$ 2,066,476	
Expo 1				
Expo Blvd Light Rail Transit Phase 1: Expo Authority Incurred	\$ 851,437	\$ 3,300	\$ 978,900	
Expo Blvd Light Rail Transit Phase 1: Metro Incurred	77,377	13,800	-	
Light Rail Vehicle	10,122	14,700	-	
Expo I Total	\$ 938,936	\$ 31,800	\$ 978,900	
Expo 2				
Division 22 Paint And Body Shop	522	2,290	11,000	
Expo Blvd Light Rail Transit Phase 2 - Holdback	\$ 25,385	\$ 26,587	\$ -	
Expo Blvd Light Rail Transit Phase 2 - Non-Holdback	141,414	160,724	-	
Expo Blvd Light Rail Transit Phase 2: Construction	845,367	140,541	1,500,158	
Expo Blvd Light Rail Transit Phase 2: Planning	392	-	-	
Expo II Insurance Betterment	2,463	-	2,463	
Expo Phase 2 Betterments	1,545	-	3,900	
Light Rail Vehicle	61,968	63,242	-	
Expo II Total	\$ 1,079,057	\$ 393,384	\$ 1,517,521	
Gold Line Foothill				
Foothill Extension Insurance Betterment	\$ 2,080	\$ -	\$ 2,080	
Gold Line Foothill Extension to Azusa Phase 2A: Construction	622,337	57,725	741,000	
Gold Line Foothill Extension to Azusa Phase 2A: Planning	425	-	-	
Gold Line Foothill Maintenance Facility - Metro 75%	202,408	5,029	207,437	
Light Rail Vehicle	14,284	42,998	-	
Gold Line Foothill Total	\$ 841,534	\$ 105,752	\$ 950,517	
Regional Connector				
Regional Connector Business Interruption Fund	\$ -	\$ 3,200	\$ 3,200	New
Regional Connector Insurance Betterment	-	4,036	4,036	New
Regional Connector: Construction	336,780	228,417	1,420,017	
Regional Connector: Construction -Non Full Funding Grant Agreement	22,598	9,057	39,991	
Regional Connector: Planning Phase 1	6,075	-	-	
Regional Connector: Planning Phase 2	27,101	621	-	2
Regional Connector Total	\$ 392,554	\$ 245,331	\$ 1,467,244	
Westside Purple				
Non-Revenue Vehicle for Transit Project Delivery Department	\$ 854	\$ -	\$ 950	
Westside Extension Section 1 Business Interruption Fund	-	3,150	3,150	New
Westside Insurance Betterment	-	6,553	6,553	New
Westside Subway Extension Section 1	453,675	280,436	2,773,880	
Westside Subway Extension Section 2	40,600	57,232	97,832	
Westside Subway Extension: Planning Phase 1	8,505	-	-	
Westside Subway Extension: Planning Phase 2	36,901	350	-	2
Westside Purple Total	\$ 540,534	\$ 347,721	\$ 2,882,365	
Rail Total	\$ 4,591,242	\$ 1,532,709	\$ 9,863,023	
Bus				
Orange Line				
Metro Orange Line Extension	\$ 143,602	\$ -	\$ 215,600	
Zero/Super Low Emission				
Bus Acquisition 30 Zero Emission/Super Low Emission	4,783	149	30,000	
Bus Total	\$ 148,385	\$ 149	\$ 245,600	
Bike				
Expo 2				
Expo Phase 2 Bikeway	11,685	4,417	16,102	
Bike Total	\$ 11,685	\$ 4,417	\$ 16,102	
Total Measure R Transit Capital Expansion	\$ 4,751,312	\$ 1,537,274	\$ 10,124,725	
Measure R Transit Planning				
Airport Metro Connector	\$ 10,011	\$ 4,702	\$ 14,714	2
Eastside Extension: Planning Phase 1 & 2	23,398	1,975	25,374	2
Eastside Light Rail Access	13,749	5,433	19,182	2
Gold Line Foothill Extension Phase 2B	-	-	-	3
Green Line Extension: Redondo to South Bay	7,579	436	8,015	2
San Fernando Valley East North/South Rapidways	9,183	2,268	11,450	2
Sepulveda Pass Transit Corridor	6,257	3,455	9,711	2
West Santa Ana Branch Corridor	3,291	1,267	4,558	2
Total Measure R Transit Planning	\$ 73,468	\$ 19,536	\$ 93,004	
Total Measure R Transit Program	\$ 4,824,780	\$ 1,556,810	\$ 10,217,730	

Note: Totals may not add due to rounding.

Note 1: Southwestern Yard is partially funded through the Crenshaw/LAX Light Rail Transit Construction LOP.

Note 2: No Board Adopted Life Of Project (LOP) during planning phase; project is funded on an annual basis.

Note 3: FY16 budget of \$6M is captured in subsidies.

Capital Program Project Listing (continued)

Project Description (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Safety / Security				
Rail				
Blue Line				
Metro Blue Line and Metro Green Line Transit Passenger Info System	\$ 4,545	\$ 1,442	\$ 5,987	
Metro Blue Line Pedestrian & Swing Gate Installations	2,573	5,003	7,700	
Metro Blue Line Signal System Rehabilitation	5,171	9,947	64,000	
Blue Line Total	\$ 12,288	\$ 16,392	\$ 77,687	
Green Line				
Metro Green Line Signal System Rehabilitation	\$ 3,331	\$ 269	\$ 3,600	
Metro Green Line Signal System Rehabilitation - Phase 2	2,794	1,126	7,800	
Green Line Total	\$ 6,126	\$ 1,395	\$ 11,400	
Red/Purple Line				
Metro Rail Station Entrance Gating	\$ 20,584	\$ -	\$ 21,000	
Metro Red Line Gas Analyzer Upgrade	404	1,505	4,000	
Metro Red Line Operator Cab Camera Installation	5,355	15	6,380	
Metro Red Line Tunnel Lighting Rehabilitation	2,877	917	9,000	
Metro Red Line UC Pedestrian Bridge	17,507	9,793	27,300	
Metro Red/Purple Lines Platform Gates Replacement	-	183	3,500	New
Red/Purple Line Total	\$ 46,727	\$ 12,412	\$ 71,180	
Multiple Lines				
Metro Security Kiosks at Rail Stations	\$ 4,255	\$ 872	\$ 5,150	
Platform Track Intrusion Detection System	-	2,130	2,400	New
Seismic Monitoring System Replacement	90	-	275	
Supervisory Control & Data Acquisition System Security Enhancement	368	60	1,365	
Union Station Smart High Definition CCTV	1,152	408	1,849	
Multiple Lines Total	\$ 5,865	\$ 3,470	\$ 11,039	
Rail Total	\$ 71,006	\$ 33,669	\$ 171,306	
Bus				
Emergency Operations Booth at Divisions	223	25	452	
Bus Total	\$ 223	\$ 25	\$ 452	
Mixed Mode				
Fare Gate Project	\$ 527	\$ 5,531	\$ 14,987	
Metro Emergency Operations Center	9,314	1,316	16,103	
Metro Intelligent Video	1,020	-	1,020	
Metro Red Line to Orange Line Underpass at North Hollywood Station	10,284	7,722	22,000	
Video Security System Enhancement	2,651	-	2,960	
Mixed Mode Total	\$ 23,796	\$ 14,569	\$ 57,070	
Other				
Agency Information Security and Compliance Program	\$ -	\$ 710	\$ 7,814	New
Simulcast Security Radio System Upgrade	625	-	1,318	
Universal Fare System Security - Purchase Card Industry Compliance	3,830	2,173	19,500	
Other Total	\$ 4,454	\$ 2,883	\$ 28,632	
Total Safety / Security	\$ 99,479	\$ 51,146	\$ 257,461	
Asset Improvement & Maintenance				
Rail				
Blue Line				
Division 11 Body Shop Ventilation	\$ 1,186	\$ 39	\$ 2,200	
Long Beach Duct Bank Upgrade Phase 2	651	2,216	8,000	
Metro Blue Line Communication & Signal Building Rehabilitation	1,114	202	1,800	
Metro Blue Line Overhead Catenary System Rehabilitation	1,825	2,331	13,000	
Metro Blue Line Rail Replacement & Booting	2,256	1,952	13,000	
Metro Blue Line Station Refurbishments	14,246	13,653	33,430	
Metro Blue Line Turnout Replacement	2,008	782	3,000	
Metro Blue Line Wheel True Machine	67	1,970	2,200	
Metro Blue Line Yard Signal System Rehabilitation	644	1,502	4,600	
Blue Line Total	\$ 23,998	\$ 24,647	\$ 81,230	

Note: Totals may not add due to rounding.

Capital Program Project Listing (continued)

Project Description (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Gold Line				
Car Cleaning Platform Canopy	\$ 133	\$ 163	\$ 505	
Division 21 Car Wash Improvement	153	239	670	
Division 21 Midway Yard Improvements	176	208	1,024	
Pasadena Gold Line Headway Improvements	810	341	1,400	
Pasadena Gold Line Synchronous Optical Network Upgrade	5,893	-	9,227	
Pasadena Gold Line Vehicle Loop Detector Replacement	200	56	750	
Pasadena Gold Line Yard Train Loop Detector Replacement	405	54	600	
Gold Line Total	\$ 7,770	\$ 1,061	\$ 14,176	
Green Line				
Metro Green Line Emergency Trip System	\$ 194	\$ 1,082	\$ 5,500	
Metro Green Line Material Storage Building & Offices Upgrade	1,035	-	1,484	
Metro Green Line Negative Grounding Devices	4	375	1,500	
Metro Green Line UPS for Train Control & Communication Building	276	300	1,200	
Green Line Total	\$ 1,509	\$ 1,757	\$ 9,684	
Red/Purple Line				
Division 20 - Wheel Press Machine	\$ -	\$ 82	\$ 4,000	New
Division 20 Carwash & Cleaning Platform	12,637	750	15,400	
Division 20 Switch Machine Replacement	-	1,900	1,900	New
Heavy Rail Vehicle Midlife Overhaul	1,717	4,865	52,000	
Heavy Rail Vehicle Procurement	3,368	4,989	130,910	
Metro Red Line 7th/Metro Station Turnback Upgrade	500	121	675	
Metro Red Line Civic Center Station Escalator/Elevator Modernization	9,039	1,377	12,000	
Metro Red Line Escalator Replacement/Modernization	2,515	3,092	20,756	
Metro Red Line North Hollywood Parking Lot Demo	5	63	1,400	
Metro Red Line Segment 1 Power Supply Replacement	125	14	300	
Metro Red Line Segment 2 & 3 Audio Frequency Track Circuit Replacement	926	-	975	
Metro Red Line Train-to-Wayside Communication Rehabilitation	541	195	1,800	
Roof Replacement at Location 61	2,663	-	3,059	
Subway Railcar Component Replacement	19,021	5,145	30,000	
Red/Purple Line Total	\$ 53,057	\$ 22,592	\$ 275,175	
Multiple Lines				
Automatic Wheel Profile Measuring Device	\$ 1,100	\$ 1,150	\$ 4,000	
Digital Rail Radio System	13,516	3,563	25,000	
Fiber Optic Main Loop Upgrade	1,039	1,279	4,250	
Fire Control Panel Upgrade	550	795	3,600	
Heavy Rail Supervisory Control & Data Acquisition System Replacement	6,096	2,888	15,883	
Light Rail Vehicle (P2000) Midlife Overhaul	1,216	10,001	100,800	
Light Rail Vehicle (P865/P2020) Midlife Overhaul	16,941	4,614	30,000	
Light Rail Vehicle Fleet Replacement	31,614	51,615	589,659	
Metro Green and Red Line Rail Station Refurbishments	1,921	1,626	4,500	
Non-Revenue Vehicles for Rail	8,261	3,476	17,446	
P2000 Vehicle Component Replacement	10,014	4,860	26,360	
P2000 Vehicle Signaling Package Upgrade	3,284	-	3,364	
Passenger Intercom Replacement	12	-	3,596	
Professional Services to Support P3010 Light Rail Vehicle Procurement	407	2,374	30,000	
Rail Facilities Lighting Retrofit	936	540	1,557	
Rail Non-Revenue Vehicle and Equipment Replacement FY16- FY17	-	156	620	New
Regional Rail Signage System Improvements	2,007	224	2,231	
System Projects	-	20,000	20,000	
Systemwide Corrosion Protection System Replacement	3,309	3,034	13,000	
Systemwide Elevator Installations (Vertical Systems)	4,370	2,006	8,000	
Warehouse Awning at Wayside Systems	248	-	677	
Warehouse Pallet Racking for Rail	5	115	120	
Wayside Intrusion Detection System Replacement	158	-	9,700	
Wayside Tools & Equipment Procurement thru FY16	708	1,145	2,000	
Multiple Lines Total	\$ 107,713	\$ 115,461	\$ 916,362	
Rail Total	\$ 194,048	\$ 165,517	\$ 1,296,627	

Note: Totals may not add due to rounding.

Capital Program Project Listing (continued)

Project Description (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Bus				
188 Articulated Bus Replacement	\$ -	\$ 196	\$ 51,436	New
189 Bus Acquisition 550 & 350 40-Foot	262,494	82,500	503,443	
190 Bus Facilities Lighting Retrofit	1,312	1,074	4,250	
191 Bus Facilities Maintenance & Improvement - Phase 3	-	1,422	21,650	New
192 Bus Facility Maintenance Improvements & Enhancements Phase 1	19,491	966	21,231	
193 Bus Facility Maintenance Improvements & Enhancements Phase 2	13,254	3,046	20,896	
194 Bus Midlife Program	-	10,251	68,669	New
195 Bus Midlife Program thru FY14 (Closeout)	81,016	13,001	101,488	
196 Bus Stop Improvement at Venice Blvd and South Robertson Blvd	-	250	250	New
197 Central Maintenance Bus Engine Replacement Program	-	4,000	24,690	New
198 Central Maintenance Facility Building 5 Vent & Air	-	351	785	
199 Central Maintenance Shop Engine Replacement Program thru FY14 (Closeout)	26,121	4,250	32,112	
200 Central Maintenance Shop Equipment Replacement	1,625	1,047	2,928	
201 Digital Video Recording Equipment Refurbishment	625	515	3,102	
202 Division 1 Improvements	1,169	2,392	20,866	
203 Division 2 Maintenance Building Renovation & Facility Upgrade	3,656	-	33,375	
204 Division 3 Master Plan Phases 2-4	12,209	991	13,200	
205 El Monte Busway Access Road Repair	-	449	1,426	New
206 Emergency Generators for Communications Network	50	236	500	
207 Facility Equipment & Upgrades	1,533	695	2,254	
208 Fuel Storage Tank System Enhancements (FY15 - FY17)	2,723	3,086	6,500	
209 Metro Art Enhancement	559	30	615	
210 Metro Silver Line Improvements & Upgrades	3,947	2,154	7,845	
211 Non-Revenue Vehicles for Bus	5,794	276	6,923	
212 Patsaouras Bus Plaza Paver Retrofit	2,528	5,113	9,093	
213 Patsaouras Plaza Bus Station Construction	12,069	14,509	30,984	
214 Pavement Repairs at Central Maintenance Facility, Division 7 & 8	-	493	4,249	New
215 Revenue Collection Equipment Midlife Refurbishment	1,311	75	1,521	
216 Sylmar Child Center Rehabilitation	840	34	987	
217 System Projects	-	9,750	9,750	
218 Terminals 47 And 48 Corrosion	849	108	965	
219 Underground Storage Tank Replacements thru FY14 (Closeout)	6,684	-	7,500	
220 Bus Total	\$ 461,859	\$ 163,259	\$ 1,015,483	
Mixed Mode				
222 Automated Storage & Retrieving System Manager Computer System Upgrade	\$ 1,252	\$ -	\$ 1,423	
223 Automated Storage & Retrieving System Unit Upgrade for Mini-Load	752	835	1,659	
224 Bulk Storage Containers	10	175	185	
225 Call Center Telephone Replacement	759	295	1,500	
226 Customer Center Relocation Improvements	81	379	761	
227 High Density Storage Equipment for Bus & Rail	1,908	380	2,288	
228 Installation of Signage & Posters	596	234	897	
229 Inventory Optimization System	1,504	-	1,583	
230 Non-Revenue Vehicles System Wide	1,412	3,848	5,291	
231 Scheduling System (HASTUS) Infrastructure Upgrade	665	113	1,687	
232 Scheduling System (HASTUS) Upgrade & Enhancement	1,252	2,758	4,010	
233 System Projects	-	3,523	3,523	
234 TAP Customer Relationship Management System	-	485	985	New
235 TAP Mobile Phone Validators	450	50	500	
236 TAP Test Lab	9	23	938	
237 Mixed Mode Total	\$ 10,650	\$ 13,099	\$ 27,231	
Other				
238 Application Platform Systems Upgrade (FY15 - FY16)	\$ 500	\$ 462	\$ 1,500	
239 Budget Input & Analysis System Replacement	2,356	300	3,800	
240 Contract Information Management System - Phase 2	6,892	669	7,561	
241 Contract Information Management System - Phase 3	1,594	736	2,330	
242 Enterprise Communication Network Switch	2,616	25	2,843	
243 Financial and Budget Systems Integration	757	2,230	4,200	
244 Financial Information System R12 Upgrade	8,785	1,263	12,900	
245 Gateway Building Emergency Generator	1,375	100	1,895	
246 Gateway Building Renovations	13,363	3,247	42,842	
247 Gateway Domestic Hot Water System Modification	-	73	73	
248 Gateway New LED Lighting	-	225	2,589	New
249 Mobile & Tablet Applications	-	258	978	New
250 Regional Service Center & Clearinghouse	17,245	-	20,072	
251 Tablet Regional Point of Sale Device	-	412	1,921	New
252 Union Station Main Terminal Heating, Ventilation & Air Conditioning Upgrade	4,367	1,009	5,376	
253 Union Station Renovations & Upgrades	10,734	3,109	17,311	
254 Union Station Reroofing	5,571	1,509	7,080	
255 Universal Fare Collection System	95,628	122	97,607	
256 Universal Fare System Data Warehousing	300	71	6,042	
257 Universal Fare System Disaster Recovery	271	600	2,043	
258 Web Infrastructure Upgrade	2,163	656	3,096	
259 Workstation and Network Technology Refresh (FY15 - FY16)	947	1,478	2,600	
260 Other Total	\$ 175,464	\$ 18,555	\$ 246,658	
261 Total Asset Improvement & Maintenance	\$ 842,021	\$ 360,430	\$ 2,585,998	

Note: Totals may not add due to rounding.

Capital Program Project Listing (continued)

Project Description (\$ in thousands)	Forecasted Expenditures thru FY15	FY16 Proposed	Life of Project	Note
Capital Expansion				
Rail				
Gold Line				
Foothill Extension - Warehouse High Density Storage Equipment at Monrovia	\$ 478	\$ 1,396	\$ 1,874	
Gold Line Eastside Extension	889,542	1,380	898,814	
Gold Line Total	\$ 890,020	\$ 2,776	\$ 900,688	
Red/Purple Line				
Lankershim Depot Restoration Project at Red Line North Hollywood	\$ 3,238	\$ -	\$ 3,600	
Metro Red Line Segment 2 Closeout	27,793	625	29,367	
Metro Red Line Segment 3 North Hollywood Closeout	3,498	141	3,639	
Wayside Energy Storage Substation (WESS)	4,444	97	5,166	
Red/Purple Line Total	\$ 38,973	\$ 863	\$ 41,772	
Multiple Lines				
Electronic Vehicle Charging Stations at Metro Rail Maintenance Facilities	\$ -	\$ 61	\$ 175	New
Light Rail Transit Freeway Stations Sound Enclosures	1,335	2,206	8,609	
Public Plug-In Charge Station	458	295	973	
Rail Facility Sub-Metering Project - Division 11, 22, and 60	93	120	240	
Rail Facility Sub-Metering Project - Division 20 & 21	186	50	421	
Multiple Lines Total	\$ 2,071	\$ 2,732	\$ 10,418	
Rail Total	\$ 931,064	\$ 6,371	\$ 952,878	
Bus				
Bus Facility Sub-Metering Project - Division 1, 2, 4, 9, and 18	\$ 178	\$ 244	\$ 465	
Bus Facility Sub-Metering Project - Division 3, 6, 8, and 15	348	25	373	
Bus Rapid Transit Freeway Station Sound Enclosure	682	3,942	5,838	
Bus Stop Information System Project	778	372	1,150	
Cesar Chavez Bus Stop Improvements	-	611	2,100	New
Countywide Signal Priority Module	216	180	1,000	
Division 13 Construction	108,577	8,969	120,342	
El Monte Busway & Transit Center Expansion	59,246	85	60,106	
Hawthorne/Lennox Bus Layover	310	-	1,164	
Metro Orange Line Reclaimed Water Project	78	125	400	
Bus Total	\$ 170,411	\$ 14,553	\$ 192,938	
Mixed Mode				
Internet-based Customer Help Desk	\$ 335	\$ 288	\$ 1,142	
Ticket Vending Machine Installations	1,691	1,530	6,736	
Mixed Mode Total	\$ 2,026	\$ 1,818	\$ 7,878	
Bike				
Bicycle Access Improvements - Rail	\$ 562	\$ 1,057	\$ 2,243	
Bicycle Lockers & Racks for Metro Rail Stations	793	557	1,350	
Union Station Metro Bike Hub	-	460	1,320	New
Bike Total	\$ 1,354	\$ 2,074	\$ 4,913	
Other				
Parking Guidance System (at Metro owned park and ride properties)	\$ -	\$ 162	\$ 3,025	New
TAP Near-Field-Communication Mobile Application Development	330	295	625	
Ticket Vending Machine Software Upgrade - Multiple Ticket & Language	-	500	1,750	New
Other Total	\$ 330	\$ 957	\$ 5,400	
Total Capital Expansion	\$ 1,105,185	\$ 25,773	\$ 1,164,007	
Total Operating Capital	\$ 2,046,685	\$ 437,349	\$ 4,007,466	

Note: Totals may not add due to rounding.

Appendix III

Regional Transit Allocations

Regional Transit Allocations

	A	B	C	D=A+B+C	N O T E	FY15 Total Funds Available
STATE AND LOCAL FUNDS	FY16 Estimated Revenue	Carry-Over FY14 Budget vs Actual	Interest FY14 Actual	FY16 Total Funds Available		
Transportation Development Act:						
Planning & Administration:						
1 Planning - Metro	\$ 2,000,000	\$ -	\$ -	\$ 2,000,000		\$ 2,000,000
2 Planning - SCAG	2,863,125	32,404	-	2,895,529		2,971,904
3 Administration - Metro	3,636,875	(32,404)	-	3,604,471		3,528,096
4 Sub-total	\$ 8,500,000	\$ -	\$ -	\$ 8,500,000		\$ 8,500,000
5 Article 3 Pedestrian & Bike ¹ 2.0000%	\$ 7,465,000	\$ 86,412	\$ -	\$ 7,551,412		\$ 7,755,078
6 Article 4 Bus Transit 91.6467%	342,071,177	3,959,678	1,763,306	347,794,161		357,370,473
7 Article 8 Streets & Highway 6.3533%	23,713,823	274,502	-	23,988,324		24,586,480
8 Total	\$ 381,750,000	\$ 4,320,591	\$ 1,763,306	\$ 387,833,897	1	\$ 398,212,031
Proposition A:						
9 Administration 5.0000%	\$ 38,175,000	\$ 433,497	\$ -	\$ 38,608,497		\$ 39,603,392
10 Local Return 25.0000%	181,331,250	n/a	-	181,331,250	3	174,372,500
11 Rail Development 35.0000%	253,863,750	2,882,755	-	256,746,505		263,362,556
12 Bus Transit: 40.0000%			-			
13 95% of 40% Capped at CPI (1.97%)	230,562,663	n/a	-	230,562,663	2	226,108,329
14 95% of 40% Over CPI	45,060,837		-	45,060,837	4	38,937,871
15 Sub-total	\$ 275,623,500	\$ -	\$ -	\$ 275,623,500		\$ 265,046,200
16 5% of 40% Incentive	14,506,500	164,729	-	14,671,229		15,049,289
17 Total	\$ 763,500,000	\$ 3,480,981	\$ -	\$ 766,980,981	1	\$ 757,433,937
Proposition C:						
18 Administration 1.5000%	\$ 11,452,500	\$ 131,423	\$ -	\$ 11,583,923		\$ 11,883,415
19 Rail/Bus Security 5.0000%	37,602,375	431,505	-	38,033,880		39,017,211
20 Commuter Rail 10.0000%	75,204,750	863,010	-	76,067,760		78,034,423
21 Local Return 20.0000%	150,409,500	n/a	-	150,409,500	3	144,637,400
22 Freeways and Highways 25.0000%	188,011,875	2,157,526	-	190,169,401		195,086,057
23 Discretionary 40.0000%	300,819,000	3,452,041	-	304,271,041		312,137,692
24 Total	\$ 763,500,000	\$ 7,035,505	\$ -	\$ 770,535,505	1	\$ 780,796,198
State Transit Assistance:						
25 Bus (PUC 99314 Rev Base Share)	\$ 54,897,548	\$ (474,290)	\$ 92,867	\$ 54,516,125	5	\$ 44,852,452
26 Rail (PUC 99313 Population Share)	50,784,842	2,104,583	75,619	52,965,044		48,406,411
27 Total	\$ 105,682,390	\$ 1,630,293	\$ 168,486	\$ 107,481,169		\$ 93,258,863
Measure R:						
28 Administration 1.5000%	\$ 11,452,500	\$ 87,271	\$ 142,859	\$ 11,682,630		\$ 11,856,326
29 Transit Capital - "New Rail" 35.0000%	263,216,625	2,005,780	4,026,597	269,249,002		272,556,769
30 Transit Capital - Metrolink 3.0000%	22,561,425	171,924	934,161	23,667,510		24,008,176
31 Transit Capital - Metro Rail 2.0000%	15,040,950	114,616	264,497	15,420,063		15,596,268
32 Highway Capital 20.0000%	150,409,500	1,146,160	2,065,208	153,620,868		155,720,916
33 Operations "New Rail" 5.0000%	37,602,375	286,540	592,372	38,481,287		38,971,106
34 Operations Bus 20.0000%	150,409,500	1,146,160	66,477	151,622,137		155,612,900
35 Local Return 15.0000%	112,807,125	n/a	-	112,807,125	3	108,478,050
36 Total	\$ 763,500,000	\$ 4,958,451	\$ 8,092,171	\$ 776,550,622	1	\$ 782,800,512
37 Total Funds Available for Allocation	\$ 2,777,932,390	\$ 21,425,820	\$ 10,023,963	\$ 2,809,382,173		\$ 2,812,501,541
38 Total Planning & Admin Allocations: (Lines 4, 9, 18 and 28)	\$ 69,580,000	\$ 652,191	\$ 142,859	\$ 70,375,050		\$ 71,843,133

Notes:

- 1) Revenue estimate is 3.2% over the revised FY15 revenue estimate based on several economic forecasts evaluated by Metro.
- 2) CPI of 1.97% represents the average estimated growth rate provided by UCLA and Beacon Economics applied to Prop A discretionary allocated to included operators.
- 3) Local Return Subfunds do not show carryover balances. These funds are distributed in the same period received.
- 4) Proposition A 95% of 40% Bus Transit current year estimate will be used to fund eligible and Tier 2 operators. The carry-over is not shown since it has been converted into Proposition C 40% discretionary to fund various Board-approved discretionary
- 5) STA Bus (PUC 99314 Revenue Base Share) estimate from the State Controller's Office is further reduced by \$5M to allow fluctuation with actual revenue.

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