

**Metropolitan Transportation Commission  
Programming and Allocations Committee**

December 9, 2020

Agenda Item 2f - 20-1629

**MTC Resolution No. 4272, Revised**

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**Subject:** FY2016-17 through FY2019-20 Transit Capital Priorities program revisions.

**Background:** MTC is responsible for programming the region's Federal Transit Administration (FTA) Urbanized Area Formula (Section 5307), State of Good Repair (Section 5337) and Bus & Bus Facilities (Section 5339) funds, as well as One Bay Area Grant (OBAG) Cycle 2 Transit Capital Rehabilitation funds. MTC programs these funds to eligible transit operators to support capital replacement and rehabilitation projects, preventive maintenance, and operating costs through the Transit Capital Priorities (TCP) program.


**Staff proposes the following changes to the TCP program:**

Reprogram a total of \$1.3 million across various projects in FY2017-18 and FY2018-19 FTA formula funds for Soltrans, consistent with the TCP Process and Criteria. These changes are requested to reflect Soltrans' changing vehicle procurement needs. In particular, funds were originally programmed for CNG-powered commuter buses for expansion; however, Soltrans no longer forecasts the need for expansion and will also prioritize battery electric buses for future zero-emission bus orders. Therefore, Soltrans requests MTC reprogram these funds for operating assistance (\$344k), data management technology enhancements (\$500k), and electric bus charging infrastructure (\$458k).

**Issues:** None.

**Recommendation:** Refer MTC Resolution No. 4272, Revised, to the Commission for approval.

**Attachments:** MTC Resolution No. 4272, Revised

  
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Therese W. McMillan

Date: March 22, 2017  
W.I.: 1512  
Referred By: PAC  
Revised: 07/26/17-C 12/20/17-C  
06/27/18-C 01/23/19-C  
05/22/19-C 06/26/19-C  
09/25/19-C 12/18/19-C  
03/25/20-C 04/22/20-C  
06/24/20-C 12/16/20-C

ABSTRACT

Resolution No. 4272, Revised

This resolution approves the FY2016-17 through FY2019-20 Transit Capital Priorities preliminary program of projects for inclusion in the Transportation Improvement Program (TIP). The program includes projects funded with FTA Section 5307 Urbanized Area, Section 5337 State of Good Repair, and Section 5339 Bus and Bus Facilities Formula Programs and initially only programs funds in the first year – FY2016-17. In addition, One Bay Area Grant Cycle 2 (OBAG 2) Transit Priorities funds are being programmed in MTC Resolution No. 4202, Revised, and AB 664 Bridge Toll revenues and BATA Project Savings are programmed in MTC Resolution No. 4262 and Resolution No. 4169, Revised, respectively, for FY2016-17 through FY2019-20 Transit Capital Priorities projects. This resolution will be amended to add the remainder of the FY2016-17 through FY2019-20 Transit Capital Priorities program at a future date.

This resolution supersedes and replaces MTC Resolution No. 4219.

This Resolution includes the following attachments:

- Attachment A – FY2016-17 Program of Projects
- Attachment B – FY2017-18 Program of Projects
- Attachment C – FY2018-19 Program of Projects
- Attachment D – FY2019-20 Program of Projects
- Attachment E – FY2016-17 through FY2019-20 Programming Notes

Attachment A of this resolution was revised on July 26, 2017 to make revisions to the Transit Capital Priorities (TCP) program of projects for FY2016-17 as requested by operators and to reconcile the program to expected final FTA apportionments for the same year.

## ABSTRACT

MTC Resolution No. 4272, Revised

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Attachments A through E of this resolution were revised on December 20, 2017 to program the remainder of FY2017-18 through FY2019-20 TCP programming and make revisions to two projects in the FY2016-17 program of projects as requested by operators.

Attachments A through E of this resolution were revised on June 27, 2018 to make revisions to the TCP program of projects as requested by operators and to reconcile the program to final FY2017-18 FTA apportionments.

Attachments C and E of this resolution were revised on January 23, 2019 to make revisions to the TCP program of projects to reflect a fund exchange with SFMTA for the Central Subway Project and make other revisions to programming as requested by Marin Transit and VTA.

Attachments C through E of this resolution were revised on May 22, 2019 to make revisions to the TCP program of projects as requested by operators and to reconcile the program to final FY2018-19 FTA apportionments.

Attachments C and D of this resolution were revised on June 26, 2019 to make revisions to the TCP program of projects as requested by operators, correct errata in GGBHTD's FY2019-20 programming, and reconcile the small urbanized area Section 5339 formula programming with final FY2018-19 FTA apportionments.

Attachments A, B, C, and E of this resolution were revised on September 25, 2019 to de-program \$2 million of FY2016-17 Section 5307 funds from the ECCTA Bus Replacement project and reprogram \$1 million of FY2017-18 and \$512,543 of FY2018-19 Section 5339 funds from ECCTA Fare Collection and Bus Replacement projects to the ECCTA Oakley Park & Ride project.

Attachments B and D of this resolution were revised on December 18, 2019 to reprogram \$5.6 million of FY2017-18 FTA Section 5337 funds from WETA Ferry Vessel Rehabilitation to Ferry Vessel Replacement, update project titles accordingly, and reprogram \$1 million of FY2019-20 FTA Section 5307 funds from SFMTA Paratransit Operations Assistance to SFMTA Zero-Emission Bus Procurement.

## ABSTRACT

MTC Resolution No. 4272, Revised

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Attachments A through E of this resolution were revised on March 25, 2020 to make revisions to the TCP program of projects as requested by operators and to reconcile the program to final FY2019-20 FTA apportionments.

Attachments D and E of this resolution were revised on April 22, 2020 to make revisions to reconcile the programming with final FY2019-20 FTA apportionments, add programming for Sonoma-Marín Area Rail Transit (SMART), and make other revisions at operators' request and consistent with the TCP Process and Criteria.

Attachments A through E of this resolution were revised on June 24, 2020 to make revisions and technical corrections to the TCP program of projects as requested by operators and consistent with the TCP Process and Criteria.

Attachments B and C of this resolution were revised on December 16, 2020 to make revisions to the TCP program of projects as requested by operators consistent with the TCP Process and Criteria.

Further discussion of the TCP program of projects is contained in the Programming and Allocations Committee summary sheets dated March 8, 2017, July 12, 2017, December 13, 2017, June 13, 2018, January 9, 2019, May 8, 2019, June 12, 2019, September 4, 2019, December 11, 2019, March 11, 2020, June 10, 2020, and December 9, 2020, and the Commission summary sheet dated April 22, 2020.

Date: March 22, 2017  
W.I.: 1512  
Referred By: PAC

RE: San Francisco Bay Area Regional Transit Capital Priorities

METROPOLITAN TRANSPORTATION COMMISSION  
RESOLUTION NO. 4272

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Sections 66500 et seq.; and

WHEREAS, MTC is the designated Metropolitan Planning Organization (MPO) for the nine-county Bay Area and is required to prepare and endorse a Transportation Improvement Program (TIP) which includes a list of priorities for transit capital projects; and

WHEREAS, MTC is the designated recipient of the Federal Transit Administration (FTA) Section 5307 Urbanized Area, Section 5337 State of Good Repair, and Section 5339 Bus and Bus Facilities funds for the large urbanized areas of San Francisco-Oakland, San Jose, Concord, Antioch, and Santa Rosa, and has been authorized by the California Department of Transportation (Caltrans) to select projects and recommend funding allocations subject to state approval for the FTA Section 5307 and Section 5339 funds for the small urbanized areas of Vallejo, Fairfield, Vacaville, Napa, Livermore, Gilroy-Morgan Hill, and Petaluma in MTC's Federal Transportation Improvement Program; and

WHEREAS, MTC has worked cooperatively with the cities, counties and transit operators in the region and with Caltrans to establish priorities for the transit capital projects to be included in the TIP; and

WHEREAS, the process and criteria used in the selection and ranking of such projects are set forth in MTC Resolution No. 4242; and

WHEREAS, the projects to be included in the TIP are set forth in the detailed project listings in Attachments A-D, which are incorporated herein as though set forth at length; now, therefore, be it

RESOLVED, that MTC adopts the FY 2016-17 through FY2019-20 Transit Capital Priorities program of projects to be included in the TIP as set forth in Attachments A-D; and, be it further

RESOLVED, that this resolution supersedes and replaces MTC Resolution 4219, previously approved and adopting a program of projects for the FY2016-17 and FY2017-18 Transit Capital Priorities program; and, be it further

RESOLVED, that the Executive Director or designee is authorized to revise Attachments A-E as necessary to reflect the programming of projects as the projects are revised in the TIP; and be it further

RESOLVED, that the Executive Director of MTC is authorized and directed to forward a copy of this resolution to FTA, and such agencies as may be appropriate.

METROPOLITAN TRANSPORTATION COMMISSION

A handwritten signature in black ink, appearing to read "Jake Mackenzie", is written over a horizontal line. The signature is stylized and cursive.

Jake Mackenzie, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in San Francisco, California on March 22, 2017.

**FY 2016-17 Transit Capital Priorities / Transit Capital Rehabilitation Program**

TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
<b>Actual Apportionments</b>			<b>429,068,809</b>	<b>216,350,798</b>	<b>200,398,884</b>	<b>12,319,127</b>
<b>Previous Year Carryover</b>			<b>21,951,733</b>	<b>4,394,818</b>	<b>17,174,630</b>	<b>382,285</b>
<b>Funds Available for Programming</b>			<b>451,020,542</b>	<b>220,745,616</b>	<b>217,573,514</b>	<b>12,701,412</b>
<b>Lifeline Set-Aside</b>						
Reserved	Various	Reserved for programming in Lifeline Transportation Program	3,368,200	3,368,200		
<b>ADA Operating Set-Aside</b>						
ALA990076	AC Transit	ADA Paratransit Assistance	3,856,331	3,856,331		
ALA170079	ACE	Railcar Midlife Overhaul	51,578	51,578		
BRT99T01B	BART	ADA Paratransit Capital Accessibility Improvements	2,415,999	2,415,999		
SM-170010	Caltrain	TVM Rehab and Clipper Functionality	175,410	175,410		
CC-99T001	CCCTA	ADA Paratransit Assistance	1,207,778	1,207,778		
CC-030035	ECCTA	ADA Operating Assistance	541,024	541,024		
MRN150014	GGBHTD	Ferry Major Components Rehab	175,309	175,309		
ALA990077	LAVTA	ADA Paratransit Operating Subsidy	341,904	341,904		
MRN110047	Marin Transit	ADA Paratransit Assistance	701,236	701,236		
NAP030004	Napa Vine	ADA Operating Assistance	63,311	63,311		
SON150007	Petaluma	ADA Set-Aside	90,300	90,300		
SM-990026	SamTrans	ADA Paratransit Operating Subsidy	1,773,353	1,773,353		
SON170003	Santa Rosa	ADA Operating Assistance	236,154	236,154		
SF-990022	SFMTA	ADA Paratransit Operating Support	4,591,625	4,591,625		
SOL110025	SoTrans	ADA Paratransit Operating Subsidy	290,178	290,178		
SON150013	Sonoma County	SCT Replacement Bus Purchase	25,581	25,581		
ALA170039	Union City	ADA Set-Aside	134,260	134,260		
SCL050046	VTA	ADA Operating Set-Aside	3,754,433	3,754,433		
CC-990045	Westcat	ADA Paratransit Operating Subsidy	258,365	258,365		
<b>Total Program Set-asides and Commitments</b>			<b>24,052,329</b>	<b>24,052,329</b>	<b>-</b>	<b>-</b>
<b>Funds Available for Capital Programming</b>			<b>426,968,213</b>	<b>196,693,287</b>	<b>217,573,514</b>	<b>12,701,412</b>
<b>Capital Projects</b>						
ALA170028	AC Transit	Purchase 35 40-ft Hybrid-Electric Buses	14,472,150	14,472,150		
ALA170027	AC Transit	Purchase 36 45-ft Over-the-Road Coaches	5,924,378	4,587,713		1,336,665
ALA170029	AC Transit	PM Swap - Replace 9 40' Urban Buses - Battery	3,003,000	3,003,000		
ALA990052	AC Transit	Paratransit Van Capital Costs	1,168,994	1,168,994		
ALA170030	AC Transit	Preventive Maintenance (deferred comp)	780,640	780,640		
ALA170079	ACE	Railcar Midlife Overhaul	3,080,000		3,080,000	
ALA170048	ACE	FG: Capital Access Fees and Track/Signal Maintenance	1,490,000	1,355,640	134,360	
BRT030005	BART	Traction Power	17,000,000	12,777,726	4,222,274	
BRT97100B	BART	Rail, Way, and Structures Program	17,000,000		17,000,000	
BRT030004	BART	Train Control	10,000,000	10,000,000		
REG090037	BART	Railcar Procurement Program	6,426,296	364,117	6,062,179	
ALA090065	BART	Fare Collection Equipment	6,211,000		6,211,000	
SF-010028	Caltrain	Caltrain Electrification - EMU Procurement	31,805,399	31,805,399		
SM-170005	Caltrain	South San Francisco Station Rehabilitation	16,207,600		16,207,600	
REG090051	Caltrain	Revenue Vehicle Rehab Program	5,000,000		5,000,000	
SM-03006B	Caltrain	Systemwide Track Rehabilitation	4,693,408		4,693,408	
SM-050041	Caltrain	Communications System/Signal Rehabilitation	1,200,000		1,200,000	
NEW	ECCTA	Oakley Park & Ride	812,898	812,898		
SOL010006	Fairfield	Operating Assistance	2,493,081	2,493,081		
SOL110041	Fairfield	Bus Replacement	269,387			269,387
MRN050025	GGBHTD	Facilities Rehabilitation	4,600,000	4,600,000		
MRN030010	GGBHTD	Ferry Fixed Guideway Connectors	3,000,000		3,000,000	
MRN170009	GGBHTD	Replacing 6 Paratransit 22' Gas Cut-away Vehicles	557,202			557,202
MRN170003	Marin Transit	Replace 3 Paratransit Vehicle	218,940	218,940		
MRN170004	Marin Transit	Replace 2 Paratransit Vehicles with Vans	85,280	85,280		
NAP970010	Napa VINE	Operating Assistance	2,084,334	2,084,334		
NAP090008	Napa VINE	Replacement and Upgrades to Equipment	180,025	15,278		164,747
SON170004	Petaluma	Purchase 1 Replacement Paratransit Vehicle	45,100	45,100		
SON170005	Petaluma	Transit Yard & Facilities Improvements	45,100	45,100		
SM-150005	SamTrans	Replacement of 2003 Gillig Buses	1,976,200	1,976,200		
SON090023	Santa Rosa	Operating Assistance	1,526,857	1,526,857		
SON090024	Santa Rosa	Preventive Maintenance	455,861	455,861		
SF-170004	SFMTA	Replacement of 40' Trolley Coaches	95,660,612		95,660,612	
SF-150005	SFMTA	Replacement of 40' Motor Coaches	63,128,520	63,128,520		
SF-170005	SFMTA	Replacement of 60' Trolley Coaches	28,100,579		28,100,579	
SF-150006	SFMTA	Replacement of 60' Motor Coaches	10,008,506	5,295,178		4,713,328
SOL090034	SoTrans	Bus Purchase (Alternative Fuel)	2,190,339	1,824,023		366,316

Date: March 22, 2016  
W.I.: 1512  
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Revised: 07/26/17-C 12/20/17-C  
06/27/18-C 09/25/19-C  
03/25/20-C 06/24/20-C

Attachment A  
Resolution No. 4272  
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FY 2016-17 Transit Capital Priorities / Transit Capital Rehabilitation Program						
TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
SOL070032	SolTrans	Preventive Maintenance	837,984	837,984		
SOL110040	SolTrans	Operating Assistance	560,000	560,000		
SON030005	Sonoma County	Preventive Maintenance	1,280,000	1,280,000		
SON150013	Sonoma County	SCT Replacement Bus Purchase	610,089	430,080		180,009
ALA170014	Union City	Replace 6 2009 Paratransit Cut-away vehicles	846,240	846,240		
NEW	Union City	Zero-Emission Bus Procurement	141,040	141,040		
SOL010007	Vacaville	Operating Assistance	890,000	890,000		
SCL050001	VTA	Standard and Small Bus Replacement	20,000,000	17,107,280		2,892,720
SCL170011	VTA	Replace Rail Crossing Control Equipment	4,368,000		4,368,000	
SCL050002	VTA	Rail Replacement Program	4,334,405		4,334,405	
SCL170005	VTA	Paratransit Vehicle Procurement	2,893,751	2,893,751		
SCL050049	VTA	Rail Substation Rehab/Replacement	2,644,841		2,644,841	
SCL170006	VTA	Replace Fault Monitoring System on LRVs	2,255,200		2,255,200	
SCL170010	VTA	Guadalupe Train Wash Replacement	1,448,000		1,448,000	
SCL110099	VTA	Light Rail Bridge & Structure SGR	1,440,000		1,440,000	
SCL170008	VTA	Vasona Pedestrian Back Gates	1,207,559		1,207,559	
SCL150005	VTA	Train-to-Wayside Communications System Upgrade	1,084,600		1,084,600	
SCL170007	VTA	Pedestrian Swing Gates Replacement	704,000		704,000	
SCL170009	VTA	Chaboya Yard Well Removal	196,000		196,000	
CC-170006	WestCAT	Replacement of 2 40' Revenue Vehicles	882,320	882,320		
CC-170007	WestCAT	Purchase of 2 Fast Fare Electronic Fareboxes	28,498	28,498		
		<b>Total Capital Projects</b>	<b>411,554,213</b>	<b>190,819,222</b>	<b>210,254,617</b>	<b>10,480,374</b>
		<b>Total Programmed</b>	<b>435,606,542</b>	<b>214,871,551</b>	<b>210,254,617</b>	<b>10,480,374</b>
		<b>Fund Balance</b>	<b>15,414,000</b>	<b>5,874,065</b>	<b>7,318,897</b>	<b>2,221,038</b>



FY 2017-18 Transit Capital Priorities / Transit Capital Rehabilitation Program						
TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
<i>Actual Apportionments</i>			479,370,309	224,379,528	238,132,825	16,857,956
<i>Previous Year Carryover</i>			15,414,000	5,874,065	7,318,897	2,221,038
<i>Funds Available for Programming</i>			494,784,309	230,253,593	245,451,722	19,078,994
<b>Lifeline Set-Aside</b>						
Reserved	Various	Reserved for programming in Lifeline Transportation Program	3,437,064	3,437,064		
<b>ADA Operating Set-Aside</b>						
ALA990076	AC Transit	ADA Paratransit Assistance	3,935,175	3,935,175		
ALA170079	ACE	Railcar Midlife Overhaul	52,633	52,633		
BRT99T01B	BART	ADA Paratransit Capital Accessibility Improvements	2,465,395	2,465,395		
SM-170010	Caltrain	TVM Rehab and Clipper Functionality	178,996	-	178,996	
CC-99T001	CCCTA	ADA Paratransit Assistance	1,232,472	1,232,472		
MRN150014	GGBHTD	Ferry Major Components Rehab	178,839	178,839		
ALA990077	LAVTA	ADA Paratransit Operating Subsidy	349,165	349,165		
MRN110047	MCTD	ADA Paratransit Assistance	715,573	715,573		
NAP030004	Napa Vine	ADA Operating Assistance	64,606	64,606		
SON150007	Petaluma	ADA Set-Aside	92,187	92,187		
SM-990026	SamTrans	ADA Paratransit Operating Subsidy	1,809,609	1,809,609		
SON170003	Santa Rosa	ADA Operating Assistance	240,982	240,982		
SF-990022	SFMTA	ADA Paratransit Operating Support	4,685,502	4,685,502		
SOL110025	SolTrans	ADA Paratransit Operating Subsidy	296,111	296,111		
SON150013	Sonoma County	SCT Replacement Bus Purchase	26,116	26,116		
CC-030035	ECCTA	ADA Operating Assistance	552,085	552,085		
ALA170039	Union City	ADA Set-Aside	137,005	137,005		
SCL050046	VTA	ADA Operating Set-Aside	3,831,392	3,831,392		
CC-990045	Westcat	ADA Paratransit Operating Subsidy	263,648	263,648		
REG090057	WETA	Ferry Mid-Life Refurbishment - Solano, Taurus, Mare Island, & Int	7,929	7,929		
<b>Total Program Set-asides and Commitments</b>			<b>24,552,483</b>	<b>24,373,487</b>	<b>178,996</b>	<b>-</b>
<b>Funds Available for Capital Programming</b>			<b>470,231,826</b>	<b>205,880,106</b>	<b>245,272,726</b>	<b>19,078,994</b>
<b>Capital Projects</b>						
ALA170082	AC Transit	Purchase 40 40ft Urban Buses - Zero-Emission	5,820,689			5,820,689
ALA170027	AC Transit	Purchase 36 45-ft Over-the-Road Coaches	4,582,729	4,582,729		
ALA990052	AC Transit	Paratransit Van Capital Costs	1,449,739	1,449,739		
ALA170079	ACE	Railcar Midlife Overhaul	2,975,789		2,975,789	
ALA170048	ACE	FG: Capital Access Fees and Track/Signal Maintenance	1,490,000	1,143,890	346,110	
REG090037	BART	Railcar Procurement Program	26,763,592	23,130,134	3,633,458	
BRT97100B	BART	Rail, Way, and Structures Program	17,000,000		17,000,000	
BRT030005	BART	Traction Power	17,000,000		17,000,000	
BRT030004	BART	Train Control	9,563,082		9,563,082	
ALA090065	BART	Fare Collection Equipment	6,211,000		6,211,000	
SF-010028	Caltrain	Caltrain Electrification - EMU Procurement	73,796,897	73,796,897		
SM-03006B	Caltrain	Systemwide Track Rehabilitation	12,893,000		12,893,000	
SM-050041	Caltrain	Comm. System/Signal Rehab.	819,309		819,309	
CC-170051	CCCTA	Replace 42 22' Gasoline 7-Year Paratransit Vans	4,305,000	2,426,455		1,878,545
CC-170053	CCCTA	Replace 3 Gasoline 7-Year Paratransit Minivans	130,380	130,380		
NEW	ECCTA	Oakley Park & Ride	989,240			989,240
SOL010006	Fairfield	Operating Assistance	2,554,835	2,554,835		
SOL110041	Fairfield	Bus Replacement	367,380			367,380
MRN170008	GGBHTD	Replace 67 Fixed Rte 40' Buses	48,457,080	45,104,777		3,352,303
MRN150014	GGBHTD	Ferry Major Components Rehab - MS Marin	2,000,000		2,000,000	
MRN150015	GGBHTD	Ferry Propulsion: MS Marin	2,000,000		2,000,000	
ALA190005	LAVTA	Hybrid Bus Battery Pack Replacement	630,170	245,149		385,021
MRN170005	MCTD	Replace Four (4) Rural Cutaway Vehicles	505,120	505,120		
MRN150011	MCTD	Vehicle Replacement- one Shuttle	102,500	102,500		
NAP970010	Napa Vine	Operating Assistance	2,164,144	2,164,144		
NAP090008	Napa Vine	Replacement and upgrades to equipment	224,681	-		224,681
SON170018	Petaluma	Purchase (1) Replacement Fixed Route Bus	185,867	185,867		
SON170020	Petaluma	Purchase (2) Replacement Paratransit Vans	147,600	147,600		
SON170005	Petaluma	Transit Yard and Facility Improvements	45,800	45,800		
SON170019	Petaluma	Purchase Service Vehicle	28,000	28,000		
SON170017	Petaluma	AVL Equipment	19,200	19,200		
SON090023	Santa Rosa	Operating Assistance	1,614,870	1,614,870		
SON090024	Santa Rosa	Preventive Maintenance	563,010	563,010		
SF-170004	SFMTA	Replacement of 40' Trolley Coaches	93,892,831		93,892,831	
SF-970170	SFMTA	Muni Rail Replacement	10,002,337		10,002,337	
SF-99T005	SFMTA	Rehab Historic Streetcars	7,000,000		7,000,000	
SF-150005	SFMTA	Replacement of 40' Motor Coaches	5,013,526	5,013,526		
SF-050024	SFMTA	Wayside/Central Train Control & Trolley Signal Systems Rehabilita	4,500,000		4,500,000	
SF-970170	SFMTA	Overhead Line Rehabilitation	3,750,000		3,750,000	
SF-150007	SFMTA	Farebox Replacement	2,060,800		2,060,800	
SF 99T002	SFMTA	Cable Car Infrastructure	1,250,000		1,250,000	
SF-970073	SFMTA	Cable Car Vehicle Renovation Program	1,018,464		1,018,464	

Date: March 22, 2017  
W.I.: 1512  
Referred by: PAC  
Revised: 12/20/17-C 06/23/18-C  
09/25/19-C 12/18/19-C  
03/25/20-C 06/24/20-C  
12/16/20-C  
Attachment B  
Resolution No. 4272  
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FY 2017-18 Transit Capital Priorities / Transit Capital Rehabilitation Program						
TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
SF-170006	SFMTA	Station-Area Pedestrian and Bicycle Access Improvements	250,000		250,000	
SF-030013	SFMTA	Wayside Fare Collection	250,000		250,000	
SOL090034	SolTrans	Bus Purchase (Alternative Fuel)	1,655,829	1,156,299		499,530
SOL070032	SolTrans	Preventive Maintenance	800,000	800,000		
SOL110040	SolTrans	Operating Assistance	854,396	854,396		
SOL170002	SolTrans	Data Management Technology Enhancements	500,000	500,000		
SON030005	Sonoma County	Preventive Maintenance	1,280,000	1,280,000		
SON150013	Sonoma County	Replacement Bus Purchase	661,276	425,800		235,476
SOL010007	Vacaville	Operating Assistance	890,000	890,000		
SCL050001	VTA	Standard and Small Bus Replacement	20,000,000	11,738,719	4,335,965	3,925,316
SCL050002	VTA	Rail Replacement Program	15,093,290		15,093,290	
SCL090044	VTA	OCS Rehabilitation Program	6,460,000		6,460,000	
SCL170050	VTA	SCADA Control Center System Replacement	3,015,200		3,015,200	
SCL170007	VTA	Pedestrian Swing Gates	2,720,000		2,720,000	
SCL150008	VTA	VTA Track Intrusion Abatement	1,600,000		1,600,000	
SCL170005	VTA	Paratransit Fleet Program	1,301,449	1,301,449		
SCL170049	VTA	SCADA Middleware Repalcement	1,150,400		1,150,400	
SCL170008	VTA	Vasona Pedestrian Back Gates	1,112,441		1,112,441	
SF-110053	WETA	Replace Ferry Vessels	20,428,858	14,868,858	5,560,000	
REG090054	WETA	Ferry Channel Dredging	2,480,000		2,480,000	
REG090057	WETA	Ferry Mid-Life Refurbishment - Taurus, Mare Island, & Intintoli	1,368,071		1,368,071	
		<b>Total Capital Projects</b>	<b>459,759,871</b>	<b>198,770,143</b>	<b>243,311,547</b>	<b>17,678,181</b>
		<b>Total Programmed</b>	<b>484,312,353</b>	<b>223,143,630</b>	<b>243,490,543</b>	<b>17,678,181</b>
		<b>Fund Balance</b>	<b>10,471,956</b>	<b>7,109,963</b>	<b>1,961,180</b>	<b>1,400,813</b>

## FY 2018-19 Transit Capital Priorities / Transit Capital Rehabilitation Program

TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
<b>Actual Apportionments</b>			<b>476,218,214</b>	<b>229,832,145</b>	<b>230,892,790</b>	<b>15,493,279</b>
<b>Previous Year Carryover</b>			<b>10,471,956</b>	<b>7,109,963</b>	<b>1,961,180</b>	<b>1,400,813</b>
<b>Funds Available for Programming</b>			<b>486,690,170</b>	<b>236,942,109</b>	<b>232,853,970</b>	<b>16,894,092</b>

## Lifeline Set-Aside

Reserved	Various	Reserved for programming in Lifeline Transportation Program	3,508,001	3,508,001		
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## ADA Operating Set-Aside

ALA990076	AC Transit	ADA Paratransit Assistance	4,394,476	4,394,476		
ALA170079	ACE	Railcar Midlife Overhaul	9,920	9,920		
BRT99T01B	BART	ADA Paratransit Capital Accessibility Improvements	865,835	865,835		
CC-99T001	CCCTA	ADA Paratransit Assistance	1,207,623	1,207,623		
MRN150014	GGBHTD	Ferry Major Components Rehab	171,757	171,757		
ALA990077	LAVTA	ADA Paratransit Operating Subsidy	406,769	406,769		
MRN110047	MCTD	ADA Paratransit Assistance	687,028	687,028		
NAP030004	Napa Vine	ADA Operating Assistance	68,209	68,209		
SON150007	Petaluma	ADA Set-Aside	86,485	86,485		
SON170003	Santa Rosa	ADA Operating Assistance	245,955	245,955		
SM-990026	SamTrans	ADA Paratransit Operating Subsidy	1,854,074	1,854,074		
SF-990022	SFMTA	ADA Paratransit Operating Support	4,343,542	4,343,542		
SOL110025	SolTrans	ADA Paratransit Operating Subsidy	294,296	294,296		
SON150013	Sonoma County	Replacement Bus Purchase	31,966	31,966		
CC-030035	ECCTA	ADA Operating Assistance	556,469	556,469		
ALA170039	Union City	ADA Set-Aside	133,210	133,210		
SCL050046	VTA	ADA Operating Set-Aside	3,808,721	3,808,721		
CC-990045	Westcat	ADA Paratransit Operating Subsidy	244,729	244,729		

**Total Program Set-asides and Commitments****22,919,064****22,919,064****-****-****Funds Available for Capital Programming****463,771,106****214,023,045****232,853,970****16,894,092**

## Capital Projects

ALA170081	AC Transit	Replace 50 40-ft diesel buses	8,556,284	1,097,938		7,458,346
ALA170029	AC Transit	Preventive Maintenance	5,717,246	5,717,246		
ALA990052	AC Transit	Paratransit Van Capital Costs	1,580,574	1,580,574		
ALA170079	ACE	Railcar Midlife Overhaul	3,070,079	1,409,473	1,660,606	
ALA170048	ACE	FG: Capital Access Fees and Track/Signal Maintenance	1,490,000		1,490,000	
REG090037	BART	Railcar Replacement Program	45,466,817	22,227,925	23,238,892	
BRT97100B	BART	Rail, Way, and Structures Program	17,000,000		17,000,000	
BRT030005	BART	Traction Power	10,000,000		10,000,000	
BRT030004	BART	Train Control	10,000,000		10,000,000	
ALA190014	BART	Elevator Renovation Program	7,000,000		7,000,000	
ALA090065	BART	Fare Collection Equipment	6,211,000	6,211,000		
BRT99T01B	BART	ADA Paratransit Capital Accessibility Improvements	1,896,182		1,896,182	
SF-010028	Caltrain	Caltrain Electrification - EMU Procurement	67,582,236	67,582,236		
SM-03006B	Caltrain	Systemwide Track Rehabilitation	13,193,000		13,193,000	
SM-050041	Caltrain	Comm. System/Signal Rehab.	1,200,000		1,200,000	
SM-170010	Caltrain	TVM Rehab & Clipper Functionality (ADA Set-Aside)	222,104		222,104	
NEW	ECCTA	Oakley Park & Ride	512,543			512,543
SOL010006	Fairfield	Operating Assistance	2,597,033	2,597,033		
SOL110041	Fairfield	Bus Replacement	336,529			336,529
MRN030010	GGBHTD	Ferry Fixed Guideway Connectors	13,500,000		13,500,000	
MRN050025	GGBHTD	Facilities Rehabilitation	8,600,000	8,600,000		
MRN170024	GGBHTD	Replace 14 Paratransit Vehicle	1,044,680			1,044,680
MRN150015	GGBHTD	Ferry Vessel Propulsion Systems Rehab	500,000		500,000	
ALA190005	LAVTA	Hybrid Bus Battery Pack Replacement	169,830			169,830
MRN170006	MCTD	Replace Articulated Vehicles	7,216,000	7,216,000		
NAP970010	Napa Vine	Operating Assistance	2,623,951	2,623,951		
NAP090008	Napa Vine	Equipment Replacement & Upgrades	205,812			205,812
SON170017	Petaluma	AVL Model Upgrade	60,000	60,000		
SM150011	SamTrans	Purchase of Replacement Minivans	619,920	619,920		
SON150008	Santa Rosa	Fixed Route Bus Replacement	1,309,308	431,309		877,999
SON090023	Santa Rosa	Operating Assistance	1,095,895	1,095,895		
SON090024	Santa Rosa	Preventive Maintenance	611,309	611,309		
SF-970170	SFMTA	Overhead Line Rehabilitation	20,000,000		20,000,000	
SF-170018	SFMTA	60' Motor Coach Mid-Life Overhaul	19,392,931	19,392,931		
SF-170019	SFMTA	40' Motor Coach Mid-Life Overhaul	16,928,241	16,928,241		
SF-970170	SFMTA	Muni Rail Replacement	16,736,000		16,736,000	
SF-090012	SFMTA	LRV Replacement	13,220,000		13,220,000	
SF-050024	SFMTA	Wayside/Central Train Control & Trolley Signal Systems Rehabilitation	8,640,000		8,640,000	

FY 2018-19 Transit Capital Priorities / Transit Capital Rehabilitation Program						
TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
SF-99T005	SFMTA	Rehab Historic Streetcars	8,000,000		8,000,000	
SF-190004	SFMTA	Fixed Guideway Facilities Condition Assessment Implementation Projects	5,900,000	5,000,000	900,000	
SF-190003	SFMTA	Muni Metro East Facility - Boiler Replacement	4,100,000		4,100,000	
SF-190002	SFMTA	L-Taraval Improvement Project - SGR Project Elements	4,070,000		4,070,000	
SF 99T002	SFMTA	Cable Car Infrastructure	4,000,000		4,000,000	
SF-030013	SFMTA	Wayside Fare Collection	2,000,000		2,000,000	
SF-070005	SFMTA	Van Ness BRT - SGR Project Elements	1,830,000		1,830,000	
SF-970073	SFMTA	Cable Car Vehicle Renovation Program	1,042,907		1,042,907	
SF-170006	SFMTA	Station-Area Pedestrian and Bicycle Access Improvements	1,000,000		1,000,000	
SF-150007	SFMTA	Farebox Replacement	336,000	336,000		
SOL110040	SolTrans	Operating Assistance	2,419,610	2,419,610		
SOL070032	SolTrans	Preventive Maintenance	1,000,000	1,000,000		
SOL190017	SolTrans	Infrastructure: Electric Bus Charging Infrastructure	457,580			457,580
SON030005	Sonoma County	Preventive Maintenance	1,280,000	1,280,000		
SON170006	Sonoma County	Replacement Bus Purchase	446,684	446,684		
SON150013	Sonoma County	Replacement Bus Purchase	220,141			220,141
SOL010007	Vacaville	Operating Assistance	890,000	890,000		
SCL050001	VTA	Standard & Small Bus Replacement	17,204,124	13,665,061	-	3,539,063
SCL090044	VTA	OCS Rehabilitation Program	12,520,000		12,520,000	
SCL 050002	VTA	Rail Replacement Program	5,692,305		5,692,305	
SCL190027	VTA	SCADA Hardware, Software, & Network Upgrade	4,447,296		4,447,296	
SCL190023	VTA	Bus CCTV Replacement	2,640,000	2,640,000		
SCL190024	VTA	Transit Center Park & Ride Rehabilitation	1,600,000	1,600,000		
SCL190026	VTA	HVAC Replacement	1,448,265	1,448,265		
SCL110099	VTA	LRV Bridge Repair/Hamilton Structural Stabilization	1,080,000		1,080,000	
SCL190025	VTA	Gigabit Ethernet Network	960,000	960,000		
SCL170010	VTA	Replace Guadalupe Train Wash	800,000		800,000	
SCL170009	VTA	Chaboya Yard Well Removal	120,000	120,000		
CC-170010	WestCAT	Replacement of (9) 40ft Revenue Vehicles	3,877,781	3,877,781		
CC-150021	WestCAT	AVL & APC System Procurement & Installation	294,105	294,105		
CC-170020	WestCAT	Replace (2) Minivans	255,840	255,840		
CC-170011	WestCAT	Purchase of (9) Fast Fare Electronic Fareboxes	128,241	128,241		
CC-170013	WestCAT	Purchase of (2) Radio systems for (2) Cut Away Vans	1,600	1,600		
SF-110053	WETA	Ferry Vessel Replacement - Bay Breeze	15,306,920		15,306,920	
REG090057	WETA	Ferry Major Component Rehabilitation	720,000		720,000	
<b>Total Capital Projects</b>			<b>444,194,903</b>	<b>202,366,168</b>	<b>227,006,212</b>	<b>14,822,523</b>
<b>Total Programmed</b>			<b>467,113,967</b>	<b>225,285,232</b>	<b>227,006,212</b>	<b>14,822,523</b>
<b>Fund Balance</b>			<b>19,576,203</b>	<b>11,656,877</b>	<b>5,847,758</b>	<b>2,071,569</b>

Date: March 22, 2017

W.I.: 1512

Referred by: PAC

Revised: 12/20/17-C 06/27/18-C  
 05/22/19-C 06/26/19-C  
 12/18/19-C 03/25/20-C  
 04/22/20-C 06/24/20-C

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FY 2019-20 Transit Capital Priorities / Transit Capital Rehabilitation Program						
TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
<b>Final Apportionments</b>			<b>470,042,633</b>	<b>239,075,753</b>	<b>214,847,302</b>	<b>16,119,578</b>
<b>Previous Year Carryover</b>			<b>19,576,203</b>	<b>11,656,877</b>	<b>5,847,758</b>	<b>2,071,569</b>
<b>Funds Available for Programming</b>			<b>489,618,836</b>	<b>250,732,630</b>	<b>220,695,060</b>	<b>18,191,147</b>

**MTC Debt Service**

REG170023	MTC	TCP Financing Repayment Obligations	35,070,000	3,900,000	31,170,000	
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**Lifeline Set-Aside**

Reserved	Various	Reserved for programming in Lifeline Transportation Program	3,580,439	3,580,439		
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**ADA Operating Set-Aside**

ALA990076	AC Transit	ADA Paratransit Assistance	4,461,934	4,461,934		
ALA170079	ACE	Railcar Midlife Overhaul	14,346	14,346		
BRT99T01B	BART	ADA Paratransit Capital Accessibility Improvements	2,800,403	2,800,403		
SM-170010	Caltrain	TVM Rehab & Clipper Functionality (ADA Set-Aside)	62,350	62,350		
CC-99T001	CCCTA	ADA Paratransit Assistance	1,218,311	1,218,311		
MRN150014	GGBHTD	Ferry Major Component Rehabilitation	174,393	174,393		
ALA990077	LAVTA	ADA Paratransit Operating Subsidy	412,325	412,325		
MRN110047	MCTD	ADA Paratransit Assistance	697,574	697,574		
NAP030004	Napa Vine	ADA Operating Assistance	70,704	70,704		
SON150007	Petaluma	ADA Set-Aside	89,821	89,821		
SM-990026	SamTrans	ADA Paratransit Operating Subsidy	1,882,536	1,882,536		
SON170003	Santa Rosa	ADA Operating Assistance	251,035	251,035		
SF-990022	SFMTA	ADA Paratransit Operating Support	3,410,218	3,410,218		
SOL110025	SolTrans	ADA Paratransit Operating Subsidy	305,060	305,060		
SON170006	Sonoma County	SCT Replacement Bus Purchase	33,199	33,199		
CC-030035	ECCTA	ADA Operating Assistance	571,422	571,422		
ALA170039	Union City	ADA Set-Aside	135,255	135,255		
SCL050046	VTA	ADA Operating Set-Aside	3,970,716	3,970,716		
CC-990045	Westcat	ADA Paratransit Operating Subsidy	248,485	248,485		
REG090057	WETA	Ferry Major Component Rehabilitation	17,418	17,418		

<b>Total Program Set-asides and Commitments</b>	<b>59,477,946</b>	<b>28,307,946</b>	<b>31,170,000</b>	<b>-</b>
<b>Funds Available for Capital Programming</b>	<b>430,140,891</b>	<b>222,424,684</b>	<b>189,525,060</b>	<b>18,191,147</b>

**Capital Projects**

ALA170031	AC Transit	Replace 50 40ft Diesel Buses	8,666,696	-		8,666,696
ALA170029	AC Transit	Preventive Maintenance	5,733,468	5,733,468		
ALA990052	AC Transit	Paratransit Van Capital Costs	1,523,374	1,523,374		
ALA170079	ACE	Railcar Midlife Overhaul	2,800,000		2,800,000	
ALA170049	ACE	FG: Capital Access Fees and Track/Signal Maintenance	1,770,000	1,435,563	334,437	
REG090037	BART	Railcar Replacement Program	84,433,454	31,403,598	53,029,856	
BRT97100B	BART	Rail, Way, and Structures Program	17,000,000		17,000,000	
BRT030005	BART	Traction Power	10,000,000		10,000,000	
BRT030004	BART	Train Control	10,000,000		10,000,000	
ALA190014	BART	Elevator Renovation Program	7,000,000		7,000,000	
ALA090065	BART	Fare Collection Equipment	6,211,000		6,211,000	
SF-010028	Caltrain	Caltrain Electrification - EMU Procurement	97,987,868	97,987,868		
SM-03006B	Caltrain	Systemwide Track Rehabilitation	13,171,041		13,171,041	
SM-050041	Caltrain	Comm. System/Signal Rehab.	948,354		948,354	
SM-170010	Caltrain	TVM Rehab & Clipper Functionality (ADA Set-Aside)	441,258		441,258	
REG170022	Clipper	Clipper Next Gen Fare Collection System	14,127,879	14,127,879		
SOL010006	Fairfield	Operating Assistance	2,643,896	2,643,896		
SOL110041	Fairfield	Bus Replacement	350,255			350,255
MRN150014	GGBHTD	Ferry Major Components Rehab	11,390,000		11,390,000	
MRN030010	GGBHTD	Fixed Guideway Connectors	6,060,000		6,060,000	
MRN150015	GGBHTD	Ferry Propulsion Systems Replacement	5,610,000		5,610,000	
MRN170008	GGBHTD	Replace 67 Diesel Buses with Hybrid Buses	5,183,220	5,183,220		
MRN050025	GGBHTD	Facilities Rehab	2,219,491	2,219,491		
SF-170022	GGBHTD	Replace 2 Paratransit Vehicles	150,880		150,880	
NEW	MCTD	Replace 3 Articulated buses with 4 40-ft ZEBs	2,656,800	2,656,800		
NEW	MCTD	Replace Paratransit Vehicles	1,207,040	1,207,040		
MRN150011	MCTD	Replace Nine (9) Shuttle Vehicles	952,020	952,020		
MRN170007	MCTD	Replace 2- 35ft diesel vehicles	697,000	697,000		
MRN110040	MCTD	Preventative Maintenance	70,520	70,520		
NAP970010	Napa Vine	Operating Assistance	2,703,862	2,703,862		
NAP090008	Napa Vine	Equipment Replacement & Upgrades	214,207			214,207
SON190004	Petaluma	Purchase (2) Replacement Paratransit Vans	150,880	-		150,880
SON170017	Petaluma	AVL System Upgrades	100,000	100,000		

Date: February 22, 2017

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 05/22/19-C 06/26/19-C  
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**FY 2019-20 Transit Capital Priorities / Transit Capital Rehabilitation Program**

TIP ID	Operator	Project Description	Total FTA Program	FTA Section 5307	FTA Section 5337	FTA Section 5339
SON170005	Petaluma	Transit Yard and Facility Improvements	90,528	85,432		5,096
SON190005	Petaluma	Upgrade Security System	40,000	40,000		
SM150011	SamTrans	Replacement of Cut-away Buses	1,375,140	1,375,140		
SON090023	Santa Rosa	Operating Assistance	1,535,279	1,535,279		
SON090024	Santa Rosa	Preventive Maintenance	648,760	648,760		
SF-970170	SFMTA	Muni Rail Replacement	4,288,000		4,288,000	
NEW	SFMTA	Zero-Emission Bus Procurement	1,000,000	1,000,000		
SOL110040	SolTrans	Operating Assistance	2,485,247	2,485,247		
SOL070032	SolTrans	Preventive Maintenance	1,000,000	1,000,000		
SOL090034	SolTrans	Bus Purchase (Alternative Fuel)	476,244			476,244
SON030005	Sonoma County	SCT Preventive Maintenance	1,280,000	1,280,000		
SON170006	Sonoma County	SCT Replacement Bus Purchase	713,040	483,330		229,710
NEW	SMART	Preventive Maintenance	2,904,588	2,904,588		
NEW	Union City	Electric Bus Procurement	4,440,960	4,440,960		
SOL010007	Vacaville	Operating Assistance	890,000	890,000		
NEW	VTA	Rehabilitation of LRV System Elevators & Escalators	7,440,000		7,440,000	
SCL050001	VTA	Standard and Small Bus Replacement	7,220,578	3,521,503		3,699,075
NEW	VTA	Pedestrian Backgates - non-Vasona	6,560,000		6,560,000	
NEW	VTA	Downtown San Jose Speed Improvements (LRV)	4,920,000		4,920,000	
SCL150008	VTA	Track Intrusion Abatement	4,000,000	4,000,000		
SCL170047	VTA	Paratransit Fleet Program	3,978,116	3,978,116		
NEW	VTA	Facilities ADA Upgrades	2,560,000	2,560,000		
NEW	VTA	Guadalupe Steam Rack Improvements & Liner Replacement	2,400,000		2,400,000	
NEW	VTA	PA System Hardware & Software Upgrade	2,216,352		2,216,352	
NEW	VTA	Guadalupe Roll-up Doors	2,000,000		2,000,000	
NEW	VTA	Fuel Dispenser & UDC Replacement	1,920,000	1,920,000		
NEW	VTA	Cameras for VTA ACCESS Paratransit Vehicles	1,804,850	1,804,850		
NEW	VTA	Mobile Router/Passenger WiFi	1,200,000	1,200,000		
NEW	VTA	Replace/Upgrade Fire Alarm at Guadalupe & Chaboya	1,200,000	1,200,000		
NEW	VTA	Network & Gigabit Fiber Upgrade	1,200,000	1,200,000		
NEW	VTA	Guadalupe Entrance Security Improvements	1,000,000	-	1,000,000	
NEW	VTA	LRV Station Rehabilitation	776,000		776,000	
NEW	VTA	LRV Station Platform CCTV System Replacement	445,600		445,600	
NEW	VTA	Replace UPSs & PDU in OCC/EOC	377,361	377,361		
CC-170008	WestCAT	Replacement of 6 40' Revenue Vehicles	2,745,360	2,745,360		
CC-170009	WestCAT	Purchase of 6 Fast Fare Electronic Fareboxes	85,494	85,494		
REG090067	WETA	Ferry Fixed Guideway Connectors	6,000,000		6,000,000	
REG090057	WETA	Ferry Major Component Rehabilitation	3,554,140		3,554,140	
<b>Total Capital Projects</b>			<b>412,946,100</b>	<b>213,557,899</b>	<b>185,596,038</b>	<b>13,792,163</b>
<b>Total Programmed</b>			<b>472,424,046</b>	<b>241,865,845</b>	<b>216,766,038</b>	<b>13,792,163</b>
<b>Fund Balance</b>			<b>17,194,791</b>	<b>8,866,785</b>	<b>3,929,022</b>	<b>4,398,984</b>

**Transit Capital Priorities / Transit Capital Rehabilitation Program Notes**

1	Program is based on final apportionments as as provided by FTA and Caltrans (Small UZA Section 5339 amounts). Program assumes availability of financing proceeds, subject to future Commission authorization. If financing is not secured, this program will be revised accordingly.
2	AC Transit: \$25,416,508 of BATA Project Savings and \$7,672,907 of AB 664 Bridge Toll funds have been programmed to AC Transit's Core Capacity Challenge Grant Program (CCCGP) projects, proportionately, according to the CCCGP funding plan from FY2016-17 through FY2019-20.  AC Transit is exercising a Preventive Maintenance Funding Exchange in FY2016-17 for electric battery buses (\$3,003,000), using 5307 for PM in place of local funds for the bus purchases. They are also using compensation for deferred replacement of 40 40-foot diesel electric hybrids for one year (from FY17 to FY18) for \$780,640.  AC Transit is exercising a Preventive Maintenance Funding Exchange in FY2018-19 and FY2019-20 for over-the-road coaches (\$11,450,714), using 5307 for PM in place of STIP funds for the bus purchases.
3	Caltrain's FY17 FG cap reduced by \$3,264,826 (\$1,570,770 from FY16 and \$1,694,056 from FY17) to \$11,128,174 due to failure to meet grant spend-down goals in FY15 and FY16.  Programming of 5337 funds to the South San Francisco Station and Revenue Vehicle Rehab projects in FY17 is conditioned on action by the SMCTA Board to program an equal dollar amount to the PCEP, fixed guideway projects (up to Caltrain's cap amount) or other Score 16 projects.  In July 2017, \$5.2M of 5337 reprogrammed from Systemwide Track Rehab to the South San Francisco Station project to offset an equal reprogramming from the station project to track rehab in the FY15 program. Also, \$5.2 million of 5337 reprogrammed from South San Francisco station project (to be replaced with San Mateo local funds) to the Revenue Vehicle Rehab project; there is no net decrease in funding to the station project from these actions.
4	Petaluma is using compensation for deferred replacement of a paratransit vehicle from FY12 to FY17. They are applying compensation to Transit Yard Facility Project in FY17 (\$45,100).
5	SamTrans, in FY17, is applying for the incremental cost difference between 10 diesel and 10 hybrid 40-foot buses that were programmed in FY15 and FY16. This will help fund the increased cost of purchasing 10 electric buses from the 60 bus replacement project (SM150005) for a demonstration project.
6	SFMTA: \$12,741,300 of BATA Project Savings and \$6,283,687 of AB 664 Bridge Toll funds have been programmed to SFMTA's CCCGP projects, proportionately, according to the CCCGP funding plan in FY2016-17 through FY2019-20. Additionally, CCCGP Funds totalling \$152 million (\$69,443,401 of AB 664 and \$83,000,000 of BATA Project Savings) have been reprogrammed from BART to SFMTA in the FY17-FY20 program period. Allocation of these funds will be committed upon the execution of financing.  In FY17, SFMTA's FG reduced by \$21,470,406 to \$12,555,594 due to failure to meet grant spend-down goals in FY16.
7	WETA: \$4,941,210 of FG caps voluntarily deferred in FY15 (\$3,424,000) and FY16 (\$1,517,210) are being restored through FY20.
8	VTA requested and was granted a waiver to program \$5M in FG projects above FG cap amounts in FY17. VTA to produce an SRTP or similar by the end of FY17 so that staff can ensure sufficient FTA funds are available to cover VTA capital needs before granting exceptions for FY18-FY20.
9	GGBHTD: \$23,628,000 of FG caps voluntarily deferred from FY11 through FY16 are being restored in FY19.
10	In FY20, MCTD will request less than bus list price for 2 35-ft diesel buses, and apply 1/12 of savings to a PM project.
11	Petaluma is using compensation for deferred replacement of a paratransit vehicle from FY15 to FY18 and another from FY16 to FY18. They are applying compensation to purchase a service vehicle in FY18 (\$28,000).  Petaluma is using compensation for deferred replacement of two paratransit vehicles from FY17 to FY20. They are applying compensation to Transit Yard Facility Project in FY20 (\$90,528).
12	VTA and Caltrain are executing a local fund swap in FY18 and FY19, with VTA applying \$300K of local sales tax funds on a Score 16 FG project for Caltrain and Caltrain directing \$300K of FTA funds for a FG project for VTA. Caltrain's FY18 programming for Systemwide Track Rehab was reduced by \$300K in the San Jose UZA, and VTA's FY19 programming for their Rail Replacement Project was reduced by \$300K.
13	WestCat is deferring replacement of 4 40-ft diesel buses from FY17 to FY19. They are applying compensation from deferred replacement to supplement funding for the replacement of 4 40-ft diesel buses with 4 40-ft TBD buses in FY19. The FY19 TCP program will need to be revised to specify the type of buses being procured before WestCAT includes these funds in an FTA grant.
14	WETA is exercising a fund swap, using local funds for ferry vessel replacement purchases and applying FTA funds in the same amount to Richmond Ferry Service expansion in FY18.
15	BART's FY18 FG cap reduced by \$436,918 to \$49,774,082 due to failure to meet grand spend-down goals in FY17.
16	Caltrain's FY18 FG cap reduced by \$380,691 to \$14,012,309 due to failure to meet grand spend-down goals in FY17.
17	SFMTA's FY18 FG cap reduced by \$14,023,663 to \$20,002,337 due to failure to meet grand spend-down goals in FY17.
18	WETA is voluntarily deferring \$11,801,652 of FG caps during the 4-year programming period, to be restored after FY20.
19	In FY19, \$20.75M of SFMTA's \$25M voluntary deferred FG cap funding from FY15 and FY16 is being restored as part of the funding exchange for Central Subway discussed in Note 20.
20	In FY19, SFMTA, SFCTA, and MTC executed a funding swap to provide \$61.75 million in funding for SFMTA's Central Subway to make up for a delay in receipt of State Transportation Improvement Program (STIP) funds. The swap consists of \$20 million of funds from SFMTA, \$21 million from SFCTA, and \$20.75 million from MTC. MTC's share is reprogrammed from the FTA 5337 portion of the Debt Service Repayment project to Muni Rail Replacement, Wayside/Central Train Control & Trolley Signal Systems Rehab, Muni Metro East Facility - Boiler Replacement, L-Taraval Improvement Project - SGR Project Elements, Van Ness BRT - SGR Project Elements, and FG Facilities Condition Assessments Implementation Projects in exchange for local funds from those projects being reprogrammed to Central Subway. Future STIP funds will be repaid to the TCP Program to make up for this programming action.
21	\$13.2 million of FTA Section 5337 funds programmed to SFMTA's LRV replacement in FY19 are conditioned on resolution of mechanical issues with the replacement LRVs that came to light in April 2019. These funds will not be amended into the TIP until resolved.
22	In September 2019, ECCTA exercised the Cost Effective Bus Procurement element of the TCP Policy on their bus replacement projects, directing 50% of the \$512,543 of FY19 5339 funds to the Oakley Park & Ride Project. The balance of 5339 funds (\$256,271), in addition to \$989,240 of FY18 5339 funds programmed to a fare collection project is being reprogrammed to the same Oakley Park & Ride Project, consistent with the Capital Exchange element of the TCP Policy. ECCTA will repay the region in a future year (tent. FY23) by reducing the eligibility of a bus replacement project for TCP funds by the same amount (\$1,245,511).
23	In April 2020, programming for was SMART added, consistent with TCP Policy. Requests from operators in Santa Rosa UZA for FY20 funds are able to be fully programmed with available funding. An updated revenue sharing agreement is expected to be executed between Santa Rosa UZA operators for FTA Section 5307 funds apportioned to that UZA.