

**Metropolitan Transportation Commission
Programming and Allocations Committee**

February 14, 2018

Agenda Item 2c

MTC Resolution No. 4275, Revised

Subject: 2017 Transportation Improvement Program (TIP) Amendment 2017-27.

Background: The federally required TIP is a comprehensive listing of Bay Area surface transportation projects that are to receive federal funding, are subject to a federally required action, or are considered regionally significant for air quality conformity purposes during the four-year period from fiscal year 2016-17 through fiscal year 2019-20. MTC, as the federally designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area, is required to prepare and adopt an updated TIP every two years under state statute. The 2017 TIP was adopted by the Commission on September 28, 2016, and approval by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) was received on December 16, 2016. The 2017 TIP is valid for four years under federal regulations. The TIP may be revised to make necessary changes prior to the next update. The TIP is posted on the Internet at: <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

Amendment 2017-27 makes revisions to 93 projects with a net funding increase of approximately \$3.5 billion. Among other changes, this revision:

- Amends 38 new exempt projects into the TIP and updates 50 existing projects to reflect the programming of funds for FY2017-18, FY2018-19 and FY2019-20 in the Transit Capital Priorities (TCP) program including the programming of \$473 million in FTA Section 5307, \$612 million in FTA Section 5337 and \$35 million in FTA Section 5339 funds. The TCP program was approved by the Commission in December, 2017;
- Updates the funding plan of the Napa Valley Transportation Authority's Replacement Rolling Stock project to reflect the award of approximately \$1 million in FTA Low or No Emissions Bus Program discretionary funds; and
- Updates the City of Vallejo's Sonoma Blvd. Improvements project to reflect the latest information from Caltrans regarding the Highway Safety Improvement Program.

The revisions made with this amendment do not conflict with the financial constraint requirements of the TIP, and therefore the 2017 TIP remains financially constrained with this amendment.

The revisions made pursuant to this amendment will not change the air quality conformity finding; therefore, a conformity determination is not required.

The TIP Revision Summary for this amendment is attached and is also available in the MTC offices at 375 Beale Street, San Francisco, CA, and is posted on the Internet at: <http://mtc.ca.gov/our-work/fund-invest/tip/tip-revisions-and-amendments>.

The TIP public participation process also serves to satisfy the public involvement requirements of the FTA annual Program of Projects, for applicable funds.

This amendment will be transmitted to Caltrans after the Commission approval; after its review, Caltrans will forward the amendment to FTA/FHWA as required for final federal agency review and approval.

Issues: None.

Recommendation: Refer Resolution No. 4275, Revised to the Commission for approval.

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2017-27
MTC Resolution No. 4275, Revised

TIP Revision Summary
2017-27

Attachment 1

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: State Highway					
SOL110037	Vallejo	Sonoma Boulevard Improvements HSIP5-04-031	Update the project description to update the project limits; and update the funding plan to reprogram PE funds from FY16 to FY14, \$12K in HSIP and \$1K in Local from FY16 Con to FY14 PE and \$248K in CON HSIP and \$32K in CON Local from FY16 to FY18	\$0	0.0%
System: Transit					
ALA090065	Bay Area Rapid Transit District (BART)	BART: Fare Collection Equipment	Update the funding plan to add \$6.2M in FY18 CON 5337, \$1.6M in FY18 CON Local, \$6.2M in FY19 CON 5337, \$1.6M in FY19 CON Local, and \$6.2M in FY20 CON 5337, and \$1.6M in FY20 CON Local	\$23,291,250	60.0%
ALA170031	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Replace (27) 40ft Urban Buses - Hybrid	Amend a new exempt project into the TIP with \$7.5M in 5307 funds, \$6.9M in 5339 funds, \$6.9M in local funds, and \$1.7M in bridge toll funds	\$22,963,500	~%
ALA170038	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Replace (6) 24ft Cut-Away Vans	Amend a new exempt project into the TIP with \$382K in 5307 and \$164K in local funds	\$546,000	~%
ALA170048	Altamont Commuter Express (ACE)	ACE Fixed Guideway (Capital Lease)	Update the funding plan to remove \$1.1M in FY17 Local; add \$1.4M in FY18 CON 5307, \$109K in FY18 CON 5337, \$373K in FY18 CON Local, \$1.5M in FY19 CON 5337, \$373K in FY19 CON Local, \$1.4M in FY20 CON 5307, \$331K in FY20 CON 5337 and \$443K in FY20 CON Local	\$4,820,000	161.7%
ALA170079	Altamont Commuter Express (ACE)	ACE: Railcar Midlife Overhaul	Amend a new exempt project into the TIP with \$6.2M in FY18 CON 5337, \$1.54M in FY18 CON Local, \$1.4M in FY19 CON 5307, \$1.7M in FY19 CON 5337, \$769K in FY19 CON Local, \$2.8M in FY20 CON 5337, and \$700K in FY20 CON Local	\$15,044,508	~%
ALA170080	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase (10) 24ft Cut-aways	Amend a new exempt project into the TIP with \$637K in 5307 and \$273K in Local funds	\$910,000	~%
ALA170081	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase (24) 60ft Artic Hybrid Buses	Amend a new exempt project into the TIP with \$7.9M in 5307, \$2.5M in 5337, \$5.9M in 5339, \$3M in Bridge Toll, and \$8.3M in Other Local funds	\$27,568,800	~%
ALA170082	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase (59) 40ft Diesel Buses	Amend a new exempt project into the TIP with \$5.8M in 5339, \$8M in Local and \$18M in Bridge Toll Funds	\$32,096,000	~%
ALA990076	Alameda Contra Costa Transit District (AC Transit)	AC Transit: ADA Paratransit Assistance	Update the funding plan to add \$3.9M in FY18 CON 5307, \$984K in FY18 CON operating funds, \$4M in FY19 CON 5307, \$1M in FY19 CON operating funds, \$4.1M in FY20 CON 5307 and \$1M in FY20 CON operating funds	\$15,063,621	12.8%
BRT030004	Bay Area Rapid Transit District (BART)	BART Train Control Renovation	Update the funding plan to add \$9.6M in FY18 CON 5337, \$2.4M in FY18 CON Local, \$10M in FY19 CON 5337, \$2.5M in FY19 CON Local, \$10M in FY20 CON 5337, and \$2.5M in FY20 CON Local	\$36,953,853	16.3%
BRT030005	Bay Area Rapid Transit District (BART)	BART: Traction Power System Renovation	Update the funding plan to add \$17M in FY18 CON 5337, \$4.25M in FY18 CON Local, \$17M in FY19 CON 5337, \$4.25M in FY19 CON Local, \$17M in FY20 CON 5337, and \$4.25M in FY20 CON Local	\$63,750,000	35.1%

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BRT97100B	Bay Area Rapid Transit District (BART)	BART: Rail, Way and Structures Program	Update the funding plan to add \$17M in FY18 CON 5337, \$4.25M in FY18 CON Local, \$17M in FY19 CON 5337, \$4.25M in FY19 CON Local, \$17M in FY20 CON 5337, and \$4.25M in FY20 CON Local	\$63,750,000	27.3%
CC-170008	Western Contra Costa Transit Authority (WestCAT)	WestCAT Replace (6) 2008 35ft Revenue Vehicles	Amend a new exempt project into the TIP with \$2.7M in 5307 and \$603K in Local funds	\$3,348,000	~%
CC-170009	Western Contra Costa Transit Authority (WestCAT)	WestCAT: Purchase (6) Electronic Fareboxes	Amend a new exempt project into the TIP with \$85K in 5307 and \$21K in Local funds.	\$106,868	~%
CC-170010	Western Contra Costa Transit Authority (WestCAT)	WestCAT Replace 5 35ft and 4 40ft Vehicles	Amend a new exempt project into the TIP with \$4.2M in 5307 and \$925K in Local funds.	\$5,096,632	~%
CC-170011	Western Contra Costa Transit Authority (WestCAT)	WestCAT: Purchase (9) Electronic Fareboxe	Amend a new exempt project into the TIP with \$128K in 5307 and \$32K local funds for CON FY18	\$160,302	~%
CC-170012	Western Contra Costa Transit Authority (WestCAT)	WestCAT - Replace (2) DAR MiniVans	Amend a new exempt project into the TIP with \$256K in 5307 and \$56K in Local funds	\$312,000	~%
CC-170013	Western Contra Costa Transit Authority (WestCAT)	WestCAT: Purchase of (2) Radio Systems	Amend a new exempt project into the TIP with \$1,600 in 5307 and \$400 in Local funds	\$2,000	~%
CC-170051	Central Contra Costa Transit Agency (CCCTA)	CCCTA Replace 42 Ford Cutaways - 22"	Amend a new exempt project into the TIP with \$2.7M in FY18 CON 5307, \$1.6M in FY18 CON 5339, and \$1.1M in FY18 CON Local funds	\$5,381,250	~%
CC-170052	Eastern Contra Costa Transit Authority (Tri Delta)	TriDelta Clipper 2 Digital Communication Equipment	Amend a new exempt project into the TIP with \$143K in 5307, \$851K in 5339 and \$249K in Local funds	\$1,242,803	~%
CC-170053	Central Contra Costa Transit Agency (CCCTA)	CCCTA Replace 3 Gasoline 7-Year Paratransit Vans	Amend a new exempt project into the TIP with \$130K in 5307 and \$29K in Local funds	\$159,000	~%
CC-990045	Western Contra Costa Transit Authority (WestCAT)	WestCat: ADA Paratransit Operating Subsidy	Update the funding plan to add \$264K in both 5307 and local for FY18 CON, \$269K in both 5307 and local for FY19 CON, and \$275K in both 5307 and local for FY20 CON	\$1,614,766	54.6%
CC-99T001	Central Contra Costa Transit Agency (CCCTA)	CCCTA: ADA Paratransit Assistance	Update the funding plan to add \$1.2M in both 5307 and Local funds for FY18 CON, \$1.3M in both 5307 and Local funds for FY19 CON, and \$1.3M in both 5307 and Local funds for FY20 CON	\$7,548,528	46.1%
MRN030010	Golden Gate Bridge, Highway and Transit District	GGBHTD: Fixed Guideway Connectors	Update the funding plan to add \$13.5M in FY19 CON 5337, \$3.4M in FY19 CON Local, \$6M in FY20 CON 5337, and \$1.5M in FY20 CON Local	\$24,450,000	58.2%
MRN050025	Golden Gate Bridge, Highway and Transit District	GGBHTD: Facilities Rehabilitation	Update the funding plan to add \$8.6M in FY19 CON 5307, \$2.15M in FY19 CON Local, \$3.75M in FY20 CON 5307, and \$938K in FY20 CON Local	\$15,437,500	60.2%

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MRN110047	Marin County Transit District	MCTD: ADA Paratransit Assistance	Update the funding plan to add \$716K in FY18 CON 5307, \$179K in FY18 CON Sales Tax, \$730K in FY19 CON 5307, \$183K in FY19 CON Sales Tax, \$745K in FY20 CON 5307 and \$186K in FY20 CON Sales Tax	\$2,739,172	57.5%
MRN130015	Golden Gate Bridge, Highway and Transit District	GGBHTD - Transit Systems Enhancements	Update the funding plan to add \$175K in 5307 and \$44K in Local funds for FY17, \$179K in 5307 and \$45K in Local funds for FY18, \$183K in 5307 and \$46K in Local funds for FY19, and \$186K in 5307 and \$47K in Local funds for FY20	\$903,862	39.9%
MRN150005	Golden Gate Bridge, Highway and Transit District	MS Sonoma Ferry Boat Refurbishment	Update the project scope to include the lease of a replacement vessel and update the funding plan to add \$250K in local funds	\$250,000	1.2%
MRN150011	Marin County Transit District	MCTD- Replace Shuttle Vehicles	Update the description to add 10 shuttles and update the funding plan to add \$103K in 5307 and \$26K in sales tax funds to CON FY18; and add \$952K in 5307 and \$238K in sales tax funds for CON FY20	\$1,318,150	540.2%
MRN150014	Golden Gate Bridge, Highway and Transit District	GGBHTD Ferry Major Components Rehab	Update the funding plan to add \$2M in 5337 and \$500K in Local funds in FY18	\$2,500,000	74.1%
MRN150015	Golden Gate Bridge, Highway and Transit District	GGBHTD Ferry Propulsion Systems Replacement	Update the funding plan to add \$2M in FY18 CON 5337, \$500K in FY18 CON Local, \$500K in FY19 CON 5337, and \$125K in FY19 CON Local	\$3,125,000	500.0%
MRN170005	Marin County Transit District	MCTD: Replace Rural Cutaway Vehicles	Amend a new exempt project into the TIP with \$505K in 5307 and \$111K in sales tax funds	\$616,000	~%
MRN170006	Marin County Transit District	MCTD: Replace Articulated Vehicles	Amend a new exempt project into the TIP with \$7.3M in 5307 and \$1.6M in sales tax funds	\$8,940,000	~%
MRN170007	Marin County Transit District	MCTD-Replace diesel vehicles	Amend a new exempt project into the TIP with \$697K in 5307 and \$153K in sales tax funds	\$850,000	~%
MRN170008	Golden Gate Bridge, Highway and Transit District	GGBHTD: Replace 67 Diesel Buses with Hybrid Buses	Amend a new exempt project into the TIP with \$47.5M in 5307 funds, \$979K in 5339 and \$10.6M in local funds	\$59,094,000	~%
MRN170010	Golden Gate Bridge, Highway and Transit District	GGBHTD: Purchase 7 Hybrid Buses	Amend a new exempt project into the TIP with \$5.2M in 5307 funds and \$1.3M in Local funds	\$6,479,025	~%
MRN170024	Golden Gate Bridge, Highway and Transit District	Replace 14 - 22' Gas Body-on-Chassis Vehicles	Amend a new exempt project into the TIP with \$1M in 5339 and \$229K in Local funds in FY19	\$1,274,000	~%
MRN990017	Golden Gate Bridge, Highway and Transit District	GGBHTD: Ferry Channel & Berth Dredging	Update the funding plan to add \$17M in 5337 and \$4.25M in local funds for CON FY20	\$21,250,000	81.3%
NAP030004	Napa Valley Transportation Authority	NVTA: ADA Operating Assistance	Update the funding plan to add \$64K in both 5307 and TDA FY18 CON funds, \$66K in both 5307 and TDA FY19 CON funds, and \$67K in both 5307 and TDA FY19 CON funds	\$395,002	71.5%

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NAP090005	Napa Valley Transportation Authority	NVTA: Replace Rolling Stock	Update the funding plan to add \$1M in FY18 CON FTA LowNo discretionary and \$2M in TDA funds	\$3,092,250	21.0%
REG090037	Bay Area Rapid Transit District (BART)	BART: Railcar Procurement Program	Update the funding plan to transfer \$10M in CMAQ to REG170022, change the source for \$505M from operating funds to regional financing, add \$115M in 5307, \$70M in 5337, \$13M in Bridge Tolls, and \$504M in regional financing and reprogram funds between years	\$691,169,164	34.1%
REG090045	Metropolitan Transportation Commission (MTC)	Clipper Fare Collection System	Update the funding plan to remove \$7.4M of RM2 that is being reprogrammed to REG170022	-\$7,397,615	-5.2%
REG090057	Water Emergency Transportation Authority (WETA)	WETA: Ferry Major Component Rehab/Replacement	Update the funding plan to add \$8K in 5307, \$12M in 5337, \$1.5M in Bridge Tolls, and \$1.5M in Local in FY18; \$7.5M in 5337, \$1.3M in Bridge Tolls and \$594K in Local in FY19; and \$8K in 5307, \$3.5M in 5337, \$316K in Bridge Tolls and \$575K in Local in FY20	\$28,803,000	138.6%
REG090067	Water Emergency Transportation Authority (WETA)	WETA: Fixed Guideway Connectors	Update the funding plan to add \$6M in FY20 CON 5337, \$600K in FY20 Other Local and \$900K in FY20 CON Sales Tax funds	\$7,500,000	105.3%
REG170022	Metropolitan Transportation Commission (MTC)	Clipper® 2.0 Fare Payment System	Amend a new exempt project into the TIP with \$7.4M in RM2 that is being transferred from REG090045, \$10.2M that is being transferred from REG090037, \$5.6M in RM2, \$24M in STP and \$14.8M in 5307	\$62,012,642	~%
REG170023	Metropolitan Transportation Commission (MTC)	TCP Financing Debt Service	Amend a new exempt project into the TIP with \$6.7M in 5307, \$50.2M in 5337, and \$1.5B in RTP-LRP. Local match for the FTA funds is programmed on REG090037	\$1,560,079,625	~%
SCL050001	Santa Clara Valley Transportation Authority (VTA)	VTA: Standard & Small Bus Replacement	Update the funding plan to add \$17M in FY18 CON 5307, \$3M in FY18 CON 5339, \$16M in FY19 CON 5307, \$1M in FY19 CON 5337, \$3M in FY19 CON 5339, \$17M in FY20 CON 5307, \$3M in FY20 CON 5339, and \$5M in FY18, FY19 and FY20 CON Local	\$75,000,000	31.0%
SCL050002	Santa Clara Valley Transportation Authority (VTA)	VTA: Rail Replacement Program	Update the funding plan to add \$11M in FY18 CON 5337, \$2.7M in FY18 CON Local, \$4.3M in FY19 CON 5337, \$1M in FY19 CON Local, \$11M in FY20 CON 5337, and \$2.7M in FY20 CON Local funds	\$33,010,319	93.1%
SCL050046	Santa Clara Valley Transportation Authority (VTA)	VTA: ADA Operating Set Aside	Update the funding plan to add \$3.8M in FY18 CON 5307, \$958K in FY18 CON Local, \$3.9M in FY19 CON 5307, \$978K in FY19 CON Local, \$4M in FY20 CON 5307, and \$998K in FY20 CON Local	\$14,664,801	27.5%
SCL050049	Santa Clara Valley Transportation Authority (VTA)	VTA: Rail Substation Rehab/Replacement	Update the funding plan to add \$11.4M in FY20 CON 5337 and \$2.8M in FY20 CON Local	\$14,240,000	49.2%
SCL090044	Santa Clara Valley Transportation Authority (VTA)	VTA: TP OCS Rehab & Replacement	Update the funding plan to add \$1M in FY18 CON 5337, \$250K in FY18 CON Local, \$5.46M in FY19 CON 5337, and \$1.4M in FY19 CON Local funds	\$8,075,000	88.9%

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SCL110104	Santa Clara Valley Transportation Authority (VTA)	VTA: Light Rail Track Crossovers and Switches	Update the funding plan to add \$7.9M in FY18 CON 5337, \$2M in FY18 CON Local, \$16M in FY19 CON 5337 and \$4M in FY19 CON Local funds	\$30,208,418	683.3%
SCL150008	Santa Clara Valley Transportation Authority (VTA)	VTA Track Intrusion Abatement	Update the funding plan to add \$1.6M in FY18 CON 5337 and \$400K in FY81 CON Local funds	\$2,000,000	50.0%
SCL170005	Santa Clara Valley Transportation Authority (VTA)	VTA: Paratransit Vehicle Procurement	Update the funding plan to add \$1.3M in FY18 CON 5307, \$325K in FY18 CON Local, \$4.8M in FY20 CON 5307, and \$1.2M in FY20 CON Local funds	\$7,626,811	210.8%
SCL170007	Santa Clara Valley Transportation Authority (VTA)	VTA: Pedestrian Swing Gates Replacement	Update the funding plan to add \$2.7M in FY18 CON 5337 and \$680K in FY18 CON Local funds	\$3,400,000	386.4%
SCL170008	Santa Clara Valley Transportation Authority (VTA)	VTA: Vasona Pedestrian Back Gates	Update the funding plan to add \$1.1M in FY18 CON 5337 and \$278K in FY18 CON Local funds	\$1,390,551	92.1%
SCL170046	Santa Clara Valley Transportation Authority (VTA)	VTA: Systemwide Security Improvements	Amend a new exempt project into the TIP with \$406K in 5307 and \$101K in Local funds	\$506,948	~%
SCL170047	Santa Clara Valley Transportation Authority (VTA)	VTA: Non-Revenue Vehicle Procurement	Amend a new exempt project into the TIP with \$320K in 5307 and \$80K in Local funds	\$400,000	~%
SCL170048	Santa Clara Valley Transportation Authority (VTA)	VTA: Light Rail Roadway Protection System	Amend a new exempt project into the TIP with \$1.6M in 5337 and \$388K in Local funds	\$1,939,000	~%
SCL170049	Santa Clara Valley Transportation Authority (VTA)	VTA: SCADA Middleware Replacement	Amend a new exempt project into the TIP with \$1.2M in 5337 and \$288K in Local funds	\$1,438,000	~%
SCL170050	Santa Clara Valley Transportation Authority (VTA)	VTA: SCADA Control Center System Replacement	Amend a new exempt project into the TIP with \$3M in 5337 and \$754K in Local funds	\$3,769,000	~%
SF-050024	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Train Control & Trolley Signal Rehab/Replace	Update the funding plan to reprogram \$1.1M in Bridge Tolls from FY17 to FY18 and \$2M in Bridge Tolls from FY17 to FY19 and add \$4.5M in FY18 CON 5337, \$8.3M in FY19 CON 5337 and \$8M in FY20 CON Bridge Tolls	\$20,800,000	30.2%
SF-110053	Water Emergency Transportation Authority (WETA)	WETA: Replace Ferry Vessels	Update the funding plan to add \$14.9M in FY18 CON 5307, \$3.7M in FY18 CON Prop-1B, \$15.3M in FY19 CON 5337, and \$3.8M in FY19 CON Salestax	\$37,719,723	93.2%
SF-150005	San Francisco Municipal Transport Agency (SFMTA)	SFMTA - Replacement of 40' Motor Coaches	Update the funding plan to add \$21M in FY18 CON 5307 and \$4.6M in FY18 CON Local funds	\$25,714,500	20.3%

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SF-150006	San Francisco Municipal Transport Agency (SFMTA)	SFMTA Replacement of 60' Motor Coaches	Update the funding plan to add \$6.3M in FY18 CON 5307 and \$35M in FY18 CON Bridge Tolls	\$41,371,473	30.8%
SF-170004	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Replacement of 40' Trolley Coaches	Update the funding plan to add \$58.7M in FY18 CON 5337 and \$49M in FY18 CON Bridge Tolls	\$108,027,091	90.3%
SF-170006	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Station-area Ped and Bike Access Improvemnt	Update the funding plan to reprogram \$62.5K in Bridge Tolls from FY17 to FY18 and \$125K in Bridge Tolls from FY17 to FY19 and add \$250K in FY18 CON 5337, \$500K in FY19 CON 5337 and \$500K in FY20 Bridge Tolls	\$1,250,000	500.0%
SF-170018	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: 60' Motor Coach Mid-Life Overhaul	Amend a new exempt project into the TIP with \$19.4M in 5307 and \$4.8M in Local funds	\$24,241,164	~%
SF-170019	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: 40' Motor Coach Mid-Life Overhaul	Amend a new exempt project into the TIP with \$35.7M in 5307, \$1.2M in Bridge Toll and \$8M in Local funds	\$44,857,699	~%
SF-170020	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Replacement of 30' Motor Coaches	Amend a new exempt project into the TIP with \$19M in BATA Project Saving funds	\$19,449,990	~%
SF-170021	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Rehab Historic Streetcars	Amend a new exempt project into the TIP with \$7M in FY18 CON 5337, \$1.75M in FY18 CON Local, \$8M in FY19 CON 5337 and \$2M in FY19 CON Local funds	\$18,750,000	~%
SF-170022	Golden Gate Bridge, Highway and Transit District	GGBHTD: Replace 2 Paratransit Vehicles	Amend a new exempt project into the TIP with \$16K in 5307 and \$182K in Local funds	\$197,500	~%
SF-95037B	San Francisco Municipal Transport Agency (SFMTA)	SF Muni Rail Replacement Program	Update the funding plan to reprogram \$3M in Bridge Tolls from FY17 to FY19 and add \$10M in FY18 CON 5337, \$2.5M in FY18 CON Local, \$12M in FY19 CON 5337, \$4.3M in FY20 CON 5337, and \$8.2M in FY20 CON Bridge Tolls	\$37,254,921	18.3%
SF-970170	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Trolley Overhead Recon. Program	Update the funding plan to reprogram \$938K in Bridge Tolls from FY17 to FY18 and \$2.5M in Bridge Tolls from FY17 to FY19 and add \$3.75M in FY18 CON 5337, \$10M in FY19 CON 5337 and \$10M in FY20 CON Bridge Tolls	\$23,750,000	14.0%
SF-990022	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: ADA Paratransit operating support	Update the funding plan to add \$4.7M in FY18 CON 5307, \$1.2M in FY18 CON Local, \$4.8M in FY19 CON 5307, \$1.2M in FY19 CON Local, \$4.9M in FY20 CON 5307 and \$1.2M in FY20 CON Local funds	\$17,935,830	8.1%
SM-03006B	Caltrain	Caltrain: Systemwide Track Rehab & Related Struct.	Update the funding plan to add \$12.9M in FY18 CON 5337, \$3.2M in FY18 CON Local, \$13.2M in FY19 CON 5337, \$3.3M in FY19 CON Local, \$13.2M in FY20 CON 5337, and \$3.3M in FY20 CON Local	\$49,098,750	33.9%
SM-150010	San Mateo County Transit District (SAMTRANS)	SamTrans - Replacement of Cutaway Buses	Update the funding plan to add \$1.4M in 5307 and \$344K in saletax funds for CON FY 20	\$1,718,925	156.6%

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SM-150011	San Mateo County Transit District (SAMTRANS)	SamTrans - Purchase of Replacement Minivans	Update the funding plan to add \$620K in 5307 and \$155K in salestax funds to CON FY 19	\$774,900	151.9%
SM-170010	Caltrain	Caltrain TVM Rehab and Clipper Functionality	Update the funding plan to add \$137K in Local funds and \$2.1M in RTP-LRP	\$2,280,737	1040.2%
SM-990026	San Mateo County Transit District (SAMTRANS)	SAMTRANS: ADA Paratransit Operating Subsidy	Update the funding plan to add \$1.8M in FY18 CON 5307, \$452K in FY18 CON Local, \$1.8M in FY19 CON 5307, \$462K in FY19 CON Local, \$1.9M in FY20 CON 5307, and \$471K in FY20 CON Local funds	\$6,927,079	54.1%
SOL010006	Fairfield	City of Fairfield Operating Assistance	Update the funding plan to remove \$8K in FY17 CON TDA and add \$2.5M in both 5307 and TDA for FY18 CON, \$2.6M in both 5307 and TDA for FY19 CON, and \$2.6M in both 5307 and TDA for FY20 CON	\$15,551,746	24.1%
SOL070032	Solano County Transit (SolTrans)	SolTrans: Preventive Maintenance	Update the funding plan to add \$800K in 5307 and \$200K in Local for FY18 CON, \$1M in 5307 and \$250K in Local for FY19 CON, and \$1M in 5307 and \$250K in Local for FY20 CON	\$3,500,000	86.0%
SOL110040	Solano County Transit (SolTrans)	SolTrans: Operating Assistance	Update the funding plan add \$289K each in 5307 and local match in FY18, \$2.2M each in 5307 and local match in FY19, and \$2.2M each in 5307 and local match in FY20	\$9,318,086	35.6%
SON150008	Santa Rosa City Bus	SantaRosa Bus: Bus Replacement Purchase	Update the funding plan to add \$740K in 5339, \$571K in 5307, and \$331K in local funds to CON FY 19	\$1,641,873	82.7%
SON150013	Sonoma County Transit	Sonoma County Transit: Replace 2006 CNG Buses	Update the funding plan to reprogram \$151K in Local from FY17 to FY18 and \$52K in Local from FY17 to FY19; add \$26K in FY17 CON 5307, \$430K in FY18 CON 5307, \$174K in FY18 CON 5339, \$27K in FY19 CON 5307 and \$182K in FY19 CON 5339	\$838,285	46.4%
SON170003	Santa Rosa City Bus	Santa Rosa CityBus-paratransit operations	Update the funding plan to add \$241K in both 5307 and local funds for FY18 CON	\$481,964	102.0%
SON170005	Petaluma	Petaluma: Transit Yard & Facilities Improvements	Update the funding plan to add \$46K in FY18 CON 5307 and \$11K in FY18 CON Local funds	\$57,250	101.6%
SON170006	Sonoma County Transit	Sonoma County Transit: Replace 2009 CNG Buses	Amend a new exempt project into the TIP with \$1.1M in 5307, \$192K in 5339, and \$682K in Local funds	\$1,927,000	~%
SON170017	Petaluma	Petaluma AVL Equipment	Amend a new exempt project into the TIP with \$19.2K in FY18 CON 5307 and \$4.8K in FY18 CON Local funds	\$24,000	~%
SON170018	Petaluma	Petaluma Purchase 1 Remanufactured Fixed Route Bus	Amend a new exempt project into the TIP with \$186K in 5307 and \$41K in TDA funds	\$226,667	~%
SON170019	Petaluma	Petaluma Purchase Service Vehicle	Amend a new exempt project into the TIP with \$28K in 5307 and \$7K in TDA funds	\$35,000	~%
SON170020	Petaluma	Petaluma: Replace 2 Paratransit Cutaways	Amend a new exempt project into the TIP with \$148K in 5307 and \$32K in TDA funds	\$180,000	~%
Total Funding Change:				\$3,540,181,459	

TIP Revision Summary

Attachment 1

	Federal	State	Regional	Local	Total	2017 TIP Only
Current:	\$2,172,986,043	\$54,398,334	\$141,982,765	\$2,518,022,177	\$4,887,389,319	\$1,149,441,181
Proposed:	\$3,316,805,627	\$58,115,549	\$318,105,361	\$4,734,544,241	\$8,427,570,778	\$3,137,763,143
Delta:	\$1,143,819,584	\$3,717,215	\$176,122,596	\$2,216,522,064	\$3,540,181,459	\$1,988,321,962

Date: September 28, 2016
 W.I.: 1512
 Referred by: PAC
 Revised: 12/21/16-C 02/22/17-C 03/22/17-C
 04/26/17-C 06/28/17-C 07/26/17-C
 09/27/17-C 11/15/17-C 01/24/18-C
 02/28/18-C

ABSTRACT

Resolution No. 4275, Revised

This resolution adopts the 2017 Transportation Improvement Program (TIP) for the San Francisco Bay Area.

Further discussion of the 2017 TIP adoption is contained in the Programming & Allocations Committee summary sheets dated September 14, 2016, December 14, 2016, February 8, 2017, March 8, 2017, April 12, 2017, June 14, 2017, and July 12, 2017, the Planning Committee summary sheet dated July 14, 2017 and the Programming & Allocations Committee summary sheet dated September 13, 2017, November 8, 2017, January 10, 2018, February 14, 2018. This resolution was revised as outlined below. Additional information on each revision is included in attachment B: 'Revisions to the 2017 TIP'.

2017 TIP Revisions

Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2017-01	Admin. Mod.	61	-\$3,823,767	12/21/2016	12/21/2016
2017-02	Admin. Mod.	6	\$544,852	1/31/2017	1/31/2017
2017-03	Amendment	69	\$819,826,956	12/21/2016	2/8/2017
2017-04	Admin. Mod.	15	-\$111,504	3/6/2017	3/6/2017
2017-05	Admin. Mod.	12	\$22,741,790	4/5/2017	4/5/2017
2017-06	Amendment	11	\$68,189,237	2/22/2017	3/14/2017
2017-07	Admin. Mod.	15	-\$8,341,530	4/28/2017	4/28/2017
2017-08	Amendment	73	\$840,375,166	3/22/2017	4/14/2017
2017-09	Admin. Mod.	24	\$17,810,414	6/9/2017	6/9/2017
2017-10	Amendment	14	\$101,213,635	4/26/2017	6/8/2017
2017-11	Admin. Mod.	4	-\$1,360,312	7/6/2017	7/6/2017
2017-12	Admin. Mod.	20	-\$6,802,149	8/2/2017	8/2/2017
2017-13	Amendment	48	\$221,344,142	6/28/2017	8/3/2017

ABSTRACT

MTC Resolution No. 4275, Revised

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Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2017-14	Amendment	61	\$3,846,016,088	7/26/2017	8/23/2017
2017-15	Admin. Mod.	16	\$12,222,653	9/20/2017	9/20/2017
2017-16	Amendment	13	\$19,557,138	7/26/2017	9/5/2017
2017-17	Admin. Mod.	20	-\$336,931	10/12/2017	10/12/2017
2017-18	Admin. Mod.	5	-\$466,894	11/6/2017	11/6/2017
2017-19	Amendment	31	\$4,412,223,691	9/27/2017	10/25/2017
2017-20	Admin. Mod.	18	\$4,097,482	11/21/2017	11/21/2017
2017-21	Admin. Mod.	14	\$30,249,023	12/21/2017	12/21/2017
2017-22	Amendment	19	\$66,639,566	11/15/2017	Pending
2017-23	Admin. Mod.	Pending	Pending	Pending	Pending
2017-24	Admin. Mod.	Pending	Pending	Pending	Pending
2017-25	Amendment	134	\$581,480,200	1/24/2018	Pending
2017-26	Admin. Mod.	Pending	Pending	Pending	Pending
2017-27	Amendment	93	\$3,540,181,459	2/28/2018	Pending
Net Funding Change		796	\$14,583,470,405		
Absolute Funding Change			\$14,625,956,579		

Date: September 28, 2016
W.I.: 1512
Referred by: PAC

Re: Adoption of the 2017 Transportation Improvement Program (TIP)

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 4275

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

WHEREAS, MTC is the federally designated Metropolitan Planning Organization (MPO), pursuant to Section 134(d) of Title 23 of the United States Code (USC) for the nine-county San Francisco Bay Area region (the region); and

WHEREAS, Title 23 Code of Federal Regulations Part 450 (23 CFR §450) requires the region to carry out a continuing, cooperative and comprehensive transportation planning process as a condition to the receipt of federal assistance to develop and update at least every four years, a Transportation Improvement Program (TIP) consisting of a comprehensive listing of transportation projects that receive federal funds or that are subject to a federally required action, or that are regionally significant; and

WHEREAS, the TIP must be consistent with the Regional Transportation Plan (RTP) adopted pursuant to Government Code Section 66508, the State Implementation Plan (SIP) as required by the federal Clean Air Act (42 U.S.C. Section 7401 et seq.); and the San Francisco Bay Area Transportation Air Quality Conformity Protocol (MTC Resolution 3757), which establish the Air Quality Conformity Procedures for MTC's TIP and RTP; and

WHEREAS, federal regulations (23 CFR §450.324(i)) require that the TIP be financially constrained, by year, to reasonable estimates of available federal and state transportation funds; and

WHEREAS, federal regulations (23 CFR §450.316) require that the MPO develop and use a documented public participation plan that defines a process for providing citizens, affected public agencies and interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process; and

WHEREAS, federal regulations (23 CFR §450.330(a)) allow MTC to move projects between years in the first four years of the TIP without a TIP amendment, if Expedited Project Selection Procedures (EPSP) are adopted to ensure such shifts are consistent with the required year by year financial constraints; and

WHEREAS, MTC, the State, and public transportation operators within the region have developed and implemented EPSP for the federal TIP as required by Federal Regulations (23 CFR 450.330(a)) and Section 134 of Title 23 United States Code (USC §134), as outlined in Attachment A to this Resolution, and MTC Resolution 3606, Revised; and

WHEREAS, MTC has found in MTC Resolution No. 4274 that the 2017 TIP, as set forth in this resolution, conforms to the applicable provisions of the SIP for the San Francisco Bay Area; and

WHEREAS, the San Francisco Bay Area air basin was designated by U.S. Environmental Protection Agency as nonattainment for the fine particulate matter (PM_{2.5}) standard in December 2009, and MTC must demonstrate conformance to this standard through an interim emissions test until a PM_{2.5} SIP is approved by the federal Environmental Protection Agency (U.S. EPA); now, therefore be it

RESOLVED, that MTC adopts the 2017 TIP, attached hereto as Attachment A and incorporated herein as though set forth at length; and be it further

RESOLVED, that MTC has developed the 2017 TIP in cooperation with the county Congestion Management Agencies, transit operators, the Bay Area Air Quality Management District (BAAQMD), the California Department of Transportation (Caltrans), and other partner agencies and interested stakeholders, and in consultation with the Federal Highway Administration (FHWA), Federal Transit Administration (FTA) and U.S. EPA; and, be it further

RESOLVED, that the 2017 TIP was developed in accordance with the region's Public Participation Plan and consultation process (MTC Resolution No. 4174) as required by Federal Regulations (23 CFR §450.316); and, be it further

RESOLVED, that the projects and programs included in the 2017 TIP, attached hereto as Attachment A to this resolution, and incorporated herein as though set forth at length, are consistent with the RTP; and, be it further

RESOLVED, that the 2017 TIP is financially constrained, by year, to reasonable estimates of available federal, state and local transportation funds; and, be it further

RESOLVED, that MTC approves the EPSP developed by MTC, the State, and public transportation operators within the region for the federal TIP as required by federal regulations (23 CFR 450.330(a)) and Section 134 of Title 23 United States Code (USC §134), as outlined in Attachment A to this Resolution, and MTC Resolution 3606, Revised; and, be it further

RESOLVED, that MTC will support, where appropriate, efforts by project sponsors to obtain letters of no prejudice or full funding agreements from FTA for projects contained in the transit element of the TIP; and, be it further

RESOLVED, that the public hearing and public participation process conducted for the 2017 TIP satisfies the public involvement requirements of the FTA annual Program of Projects; and, be it further

RESOLVED, that the adoption of the TIP shall not constitute MTC's review or approval of those projects included in the TIP pursuant to Government Code Sections 66518 and 66520, or provisions in federal regulations (49 CFR Part 17) regarding Intergovernmental Review of Federal Programs; and, be it further

RESOLVED, that MTC's review of projects contained in the TIP was accomplished in accordance with procedures and guidelines set forth in the San Francisco Bay Area Transportation Air Quality Conformity Protocol (MTC Resolution 3757); and, be it further

RESOLVED, that MTC finds that the 2017 TIP conforms to the applicable provisions of the State Implementation Plan (SIP) and the applicable transportation conformity budgets in the SIP approved for the national 8-hour ozone standard and national carbon monoxide standard, and to the emissions test for the national fine particulate matter standard (MTC Resolution No. 4274); and, be it further

RESOLVED, that the projects and programs included in the 2017 TIP do not interfere with the timely implementation of the traffic control measures (TCMs) contained in the SIP; and, be it further

RESOLVED, that MTC finds all regionally significant capacity-increasing projects included in the 2017 TIP are consistent with Plan Bay Area (the 2040 Regional Transportation

Plan including the Sustainable Communities Strategy for the San Francisco Bay Area); and, be it further

RESOLVED, that revisions to the 2017 TIP as set forth in Attachment B to this resolution and incorporated herein as though set forth at length, shall be made in accordance with rules and procedures established in the public participation plan and in MTC Resolution No. 4275, and that MTC's review of projects revised in the TIP shall be accomplished in accordance with procedures and guidelines set forth in the San Francisco Bay Area Transportation Air Quality Conformity Protocol (MTC Resolution 3757) and as otherwise adopted by MTC; and, be it further

RESOLVED, that staff have the authority to make technical corrections, and the Executive Director and Deputy Executive Directors have signature authority to approve administrative modifications for the TIP and Federal Statewide Transportation Improvement Program (FSTIP) under delegated authority by Caltrans, and to forward all required TIP amendments once approved by MTC to the appropriate state and federal agencies for review and approval; and, be it further

RESOLVED, that a copy of this resolution shall be forwarded to FHWA, the FTA, U.S. EPA, Caltrans, the Association of Bay Area Governments (ABAG), and to such other agencies and local officials as may be appropriate.

METROPOLITAN TRANSPORTATION COMMISSION



Dave Cortese, Chair

This resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in San Francisco, California on September 28, 2016.

Date: September 28, 2016
W.I.: 1512
Referred by: PAC
Revised: 12/21/16-C 02/22/17-C 03/22/17-C
04/26/17-C 06/28/17-C 07/26/17-C
09/27/17-C 11/15/17-C 01/24/18-C
02/28/18-C

Attachment B
Resolution No. 4275, Revised
Page 1 of 12

Revisions to the 2017 TIP

Revisions to the 2017 Transportation Improvement Program (TIP) are included as they are approved.

Revision 2017-01 is an administrative modification that revises 61 projects with a net funding decrease of approximately \$3.8 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on December 21, 2016. Among other changes, this revision:

- Updates the funding plans of 32 Surface Transportation Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect planned obligations and other programming decisions, including the programming of \$110 million in CMAQ funds and \$40 million in Regional Measure 2 funds to BART's Rail Car Procurement Program to reflect the programming in the OBAG 2 funding framework;
- Updates the funding plans of five projects to reflect the repurposing of unused earmark funds;
- Updates the funding plans of eight individually-listed Highway Bridge Program funded projects to reflect the latest information from Caltrans;
- Splits the Incident Management Program project into two projects to separate the current and future phases of the program;
- Updates the funding plan of the Caltrain Electrification project to reflect recent programming decisions and funding agreements;
- Updates the funding plan of SFMTA's Van Ness Bus Rapid Transit project to reflect the latest schedule including reprogramming approximately \$60 million in Federal Transit Administration (FTA) Small Starts funding from prior years to fiscal year 2017; and
- Updates the funding plan and back-up listing of the Mandates Program within the State Highway Operations and Protection Program (SHOPP) to reflect the latest information from Caltrans including the addition of \$7.3 million in SHOPP funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of approximately \$60 million in FTA Small Starts funds, \$7.3M in SHOPP funds, \$17,489 in repurposed earmark funds, and \$1.9 million in Transportation Fund for Clean Air funds. MTC's 2017 TIP, as revised with Revision No. 2017-01, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-02 is an administrative modification that revises six projects with a net funding increase of \$544,852. The revision was approved into the Federal-Statewide TIP by the deputy executive director on January 31, 2017. Among other changes, this revision:

- Updates the funding plans of five federally funded projects to reflect actual and planned obligations and Federal Transit Administration grants; and
- Updates the funding plan and back-up listing of the Highway Safety Improvement Program (HSIP) funded grouped listing to reflect the latest programming information from Caltrans related to projects that had unobligated funding from federal fiscal year 2015-16, including the addition of \$399,340 in HSIP funds and \$145,512 in local funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$399,340 in HSIP funds. MTC's 2017 TIP, as revised with Revision No. 2017-02, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-03 is an amendment that revises 69 projects with a net funding increase of approximately \$820 million. The revision was referred by the Programming and Allocations Committee on December 14, 2016, and approved by the MTC Commission on December 21, 2016. Caltrans approval was received on January 19, 2017, and final federal approval was received on February 8, 2017. Among other changes, this revision:

- Amends four exempt and four non-exempt, not regionally significant projects into the TIP to reflect the adoption of the Bay Bridge Forward Program;
- Updates the funding plan of the Golden Gate Bridge Suicide Deterrent project to reflect additional funding commitments, including the addition of \$40 million in Highway Bridge Program (HBP) funds, \$40 million in Surface Transportation Block Grant Program funds and \$40 million in Golden Gate Bridge toll funds;
- Updates the funding plans of six additional individually-listed HBP funded projects, updates the funding plan and back-up listing of the HBP funded grouped listing, and combines one individually-listed HBP funded project with the grouped listing to reflect the latest information from Caltrans, including the addition of approximately \$109 million in HBP funds;
- Deletes two projects and updates the funding plans of two other projects to reflect the repurposing of prior year federal earmark funds;
- Adds one new State Highway Operations and Protection Program (SHOPP) funded grouped listing and updates the funding plans and back-up listings of five existing SHOPP funded grouped listings to reflect the latest information from Caltrans, including the addition of approximately \$369 million in SHOPP funds;
- Adds one new Recreational Trails Program funded grouped listing into the TIP;
- Carries forward two exempt and one non-exempt project into the 2017 TIP from the 2015 TIP as these projects were not originally included in the 2017 TIP as adopted;
- Adds one new exempt project to the TIP and updates the scope and funding for an existing project to reflect the award of Federal Transit Administration (FTA) discretionary funds through the FTA Section 5339 Discretionary Program and Transit Oriented Development Planning Pilot Program;

- Adds one new exempt Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded project and updates the funding plans of 18 other STP/CMAQ funded projects to reflect obligations, past funding decisions in the One Bay Area Grant (OBAG) Cycle 1 Transit Performance Initiative program, and the selection of projects in OBAG Cycle 2; and
- Adds one new exempt Transit Capital Priority (TCP) funded project, deletes one existing TCP funded project and updates the funding plans of seven other TCP funded projects.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-04 is an administrative modification that revises 15 projects with a net funding decrease of \$111,504. The revision was approved into the Federal-Statewide TIP by the deputy executive director on March 6, 2017. Among other changes, this revision:

- Updates the funding plans of five Surface Transportation Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect programming decisions and past and planned obligations;
- Updates the funding plans of three other federally funded projects to reflect planned obligations;
- Updates the funding plan of the Sonoma County Transportation Authority's portion of the US 101 Marin/Sonoma Narrows project to reflect the programming of \$15 million in repurposed federal earmark funds;
- Splits out the I-880 Integrated Corridor Management project from the region-wide Incident Management Program; and
- Updates the funding plan and back-up listing of the Caltrans managed Highway Maintenance Program grouped listing to reflect the latest information from Caltrans.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$2 million in High Priority Project Earmark funds, \$15 million in repurposed earmark funds, \$665,042 in Federal Highway Administration Ferry Boat Program funds, and \$3 million in Trade Corridors Improvement Fund funds. MTC's 2017 TIP, as revised with Revision No. 2017-04, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-05 is an administrative modification that revises 12 projects with a net funding increase of \$22.7 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on April 5, 2017. Among other changes, this revision:

- Updates the funding plans of seven projects to reflect the programming of funds for FY2016-17 in the Transit Capital Priorities program;
- Updates the funding plans of two Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect planned obligations;
- Updates the funding plan of the Metropolitan Transportation Commission's Clipper Fare Collection System project to reflect the programming of \$7.4 million in bridge toll funds; and

- Updates the funding plan and back-up listing of the Caltrans managed State Highway Operation and Protection Program (SHOPP) Emergency Response grouped listing to reflect the latest information from Caltrans, including the addition of \$5.3 million to the SHOPP.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$5.3 million in SHOPP funds. MTC's 2017 TIP, as revised with Revision No. 2017-05, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-06 is an amendment that revises 11 projects with a net funding increase of approximately \$68 million. The revision was approved by the MTC Commission on February 22, 2017. Caltrans approval was received on February 24, 2017, and final federal approval was received on March 14, 2017. Among other changes, this revision:

- Updates the scope and funding plan of the Central Contra Costa Transit Authority's Replace 18 30-foot Buses project to reflect the award of approximately \$2.7 million in FTA Low or No Emission Vehicle Deployment Program funds;
- Amends the City of Palo Alto's exempt Bay Area Fair Value Commuting Program into the TIP to reflect the award of approximately \$1 million in FTA Mobility on Demand Sandbox Program funds;
- Amends two additional exempt projects into the TIP; and
- Updates the funding plan of one individually listed Highway Safety Improvement Program (HSIP) funded project and updates the funding plan and back-up listing of the HSIP grouped listing to reflect the latest information from Caltrans, including the addition of approximately \$25.5 million in HSIP funds.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-07 is an administrative modification that revises 15 projects with a net funding decrease of \$8.3 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on April 28, 2017. Among other changes, this revision:

- Updates the funding plans of three projects to reflect the programming of funds for the Federal Highway Administration's 2016 Earmark Repurposing transfer requests;
- Updates the funding plan and back-up listing of the Caltrans managed Local Highway Bridge Program (HBP) grouped listing to reflect the latest information from Caltrans, including the addition of \$476,000 for two HBP projects in Santa Clara County;
- Updates the funding plan and back-up listing of the Caltrans managed State Highway Operation and Protection Program (SHOPP) Pavement Resurfacing/Rehabilitation grouped listing, including the removal of \$7.5 million from the SHOPP;
- Updates the funding plans of five Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions and obligations; and
- Reprograms \$20 million in Federal Transit Administration (FTA) Small Starts program funds for the Sonoma Marin Area Rail Transit Corridor project from prior years to fiscal year 2016/17 to reflect a planned FTA grant.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$20 million in FTA Small Starts funds, \$476,000 in HBP funds, and \$7.5 million in State STP funds. MTC's 2017 TIP, as revised with Revision No. 2017-07, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-08 is an amendment that revises 73 projects with a net funding increase of approximately \$840 million. The revision was referred by the Programming and Allocations Committee on March 8, 2017, and approved by the MTC Commission on March 22, 2017. Caltrans approval was received on March 29, 2017, and final federal approval was received on April 14, 2017. Among other changes, this revision:

- Amends 37 new exempt projects into the TIP and updates the funding plans of 35 existing projects to reflect the programming of funds for FY2016-17 in the Transit Capital Priorities program; and
- Archives one project as it has been completed.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-09 is an administrative modification that revises 24 projects with a net funding increase of \$17.8 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on June 9, 2017. Among other changes, this revision:

- Updates the funding plan of the Caltrain Electrification project to reflect the award of \$100 million in Federal Transit Administration (FTA) Capital Investment funds;
- Updates the funding plans of seven Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions and obligations;
- Updates the funding plan of the Santa Clara Valley Transportation Authority's Standard and Small Bus Replacement Project to reflect the award of \$2.5M in FTA Low or No Emissions Vehicle Deployment Program (LoNo) funds; and
- Updates the funding plan and back-up listing of MTC's Lifeline Transportation Program 5307 Job Access and Reverse Commute Set Aside Program –Cycle 4 grouped listing to reflect the latest programming decisions.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$100 million in FTA Capital Investment funds, \$2.5 million in FTA LoNo funds, \$1.4 million in High Priority Project funds, and \$3.3 million in Low Carbon Transit Operations Program funds. MTC's 2017 TIP, as revised with Revision No. 2017-09, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-10 is an amendment that revises 14 projects with a net funding increase of approximately \$101 million. The revision was referred by the Programming and Allocations Committee on April 12, 2017, and approved by the MTC Commission on April 26, 2017.

Caltrans approval was received on May 11, 2017, and final federal approval was received on June 8, 2017. Among other changes, this revision:

- Amends three new exempt Transit Performance Initiative Program funded projects into the TIP;
- Updates the funding plans of two projects to reflect the programming of funds from fiscal year 2016-17 of the Transit Capital Priorities program;
- Updates the funding plans and back-up listings of two grouped listings and adds one new grouped listing to reflect the latest information from Caltrans including the addition of \$55.8 million in State Highway Operation and Protection Program funds and \$3.8 million in Section 130 Railroad/Highway Crossing funds;
- Amends AC Transit's Five Battery-Electric Bus Purchase project into the TIP to reflect the recent award of \$1.5 million in Federal Transit Administration (FTA) Low or No Emission Vehicle Deployment Program funds;
- Amends Bay Area Rapid Transit's Integrated Carpool to Transit Access Program into the TIP to reflect the award of \$358,000 in FTA Mobility on Demand Sandbox Program funds; and
- Amends one new exempt and one previously archived project into the TIP.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-11 is an administrative modification that revises 4 projects with a net funding decrease of \$1.4 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on July 6, 2017. Among other changes, this revision:

- Updates the funding plans of two Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions; and
- Updates the funding plan and back-up listing of the Caltrans's Section 130 – Railroad/Highway Crossing Projects grouped listing to reflect the latest programming decisions.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$1.4 million in Section 130 – Railroad/Highway Crossing funds. MTC's 2017 TIP, as revised with Revision No. 2017-11, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-12 is an administrative modification that revises 20 projects with a net funding decrease of \$6.8 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on August 2, 2017. Among other changes, this revision:

- Updates the funding plans of two Surface Transportation Program (STP) funded projects to reflect the latest programming decisions;
- Updates the funding plan and back-up listing of the Section 130 – Railroad/Highway Crossing Projects grouped listing to reflect the latest information from Caltrans;
- Updates the funding plan of 14 Federal Transit Administration formula funded projects to reflect changes in the fiscal year 2016/17 Transit Capital Priorities Program; and

- Updates the funding plan of one Highway Bridge Program funded project to reflect planned reimbursements for advanced construction.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$1.4 million in Section 130 funds. MTC's 2017 TIP, as revised with Revision No. 2017-12, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-13 is an amendment that revises 48 projects with a net funding increase of approximately \$221 million. The revision was referred by the Programming and Allocations Committee on June 14, 2017, and approved by the MTC Commission on June 28, 2017. Caltrans approval was received on July 17, 2017, and final federal approval was received on August 3, 2017. Among other changes, this revision:

- Amends 13 new exempt projects and one new non-exempt, not regionally significant project into the TIP and updates the funding plans of two existing projects to reflect the programming of Cycle 3 of the Active Transportation Program;
- Amends four new Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded exempt projects into the TIP, updates the funding plans of three other STP/CMAQ funded projects and deletes one STP/CMAQ funded project to reflect changes in the One Bay Area Grant programs;
- Amends three new grouped listings into the TIP to reflect the programming of Federal Transit Administration Section 5310, 5311 and 5311(f) funds. The FTA Section 5310 listing is contingent upon the California Transportation Commission approval on June 28 & 29, 2017;
- Updates the funding plan and back-up listing of the Highway Bridge Program grouped listing to reflect the latest information from Caltrans;
- Splits two projects out of the Highway Safety Improvement Program grouped listings and updates their project scopes to include road diet elements;
- Updates the scope of the City/County Association of Governments of San Mateo County's US-101 High Occupancy Vehicle/High Occupancy Toll Lane project to change the northern project limit to match the most recent cooperative agreement;
- Splits the Bay Area Rapid Transit District's Go Uptown project out of their Station Modernization Program;
- Amends one new San Francisco Municipal Transportation Agency project into the TIP to reflect the award of \$11 million in Advanced Transportation and Congestion Management Technologies Deployment Program funds;
- Amends one new exempt project into the TIP and updates the funding plan on one existing project to reflect changes in the Transit Capital Priorities program;
- Amends two additional exempt projects in the TIP; and
- Archives six projects as they have been completed.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-14 is an amendment that serves to conform the 2017 TIP to Plan Bay Area 2040 and revises 61 projects with a net funding increase of approximately \$3.8 billion. The revision

was referred by the Planning Committee on July 14, 2017, and approved by the MTC Commission on July 26, 2017. Caltrans approval was received on August 2, 2017, and final federal approval was received on August 23, 2017. Among other changes, this revision:

- Revises 41 existing projects in the 2017 TIP;
- Adds 14 new projects to the 2017 TIP;
- Archives three projects as they have been completed and are not included in Plan Bay Area 2040 as ongoing projects; and
- Deletes three projects as they will not move forward.

Changes made with this revision do not conflict with the financial constraint requirements. The Transportation-Air Quality Conformity Analysis: Plan Bay Area 2040 and Amended 2017 TIP demonstrates that the TIP and Plan are consistent with ("conform to") the federal air quality plan known as the State Implementation Plan (SIP), as required by federal conformity regulations.

Revision 2017-15 is an administrative modification that revises 15 projects with a net funding increase of \$12.2 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on September 20, 2017. Among other changes, this revision:

- Updates the funding plans of six Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions;
- Updates the funding plan and back-up listing of one grouped listing to reflect the latest information from Caltrans regarding the State Highway Operations and Protection Program (SHOPP), including the addition of \$4.8 million in SHOPP funds;
- Updates the funding plan of one Federal Transit Administration (FTA) formula funded project to reflect changes in the fiscal year 2016-17 Transit Capital Priorities Program; and
- Splits the El Cerrito del Norte BART Station Modernization project out of BART's system-wide Station Modernization program along with \$21.5 million in Proposition 1B funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$4.8 million in SHOPP funds and \$21.5M in Proposition 1B funds. MTC's 2017 TIP, as revised with Revision No. 2017-15, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-16 is an amendment that revises 13 projects with a net funding increase of approximately \$20 million. The revision was referred by the Programming and Allocations Committee on July 12, 2017, and approved by the MTC Commission on July 26, 2017. Caltrans approval was received on August 7, 2017, and final federal approval was received on September 5, 2017. Among other changes, this revision:

- Adds one new exempt project, deletes one existing project and updates the funding plans of seven projects to reflect changes in the FY2016-17 Transit Capital Priorities Program;
- Updates the funding plan of the Fairfield-Suisun Intercity/Local Bus Replacement project to reflect the programming of funds available through the Transit Performance Initiative Incentive and Investment Programs; and
- Archives two projects as they have been completed.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-17 is an administrative modification that revises 20 projects with a net funding decrease of \$336,931. The revision was approved into the Federal-Statewide TIP by the deputy executive director on October 12, 2017. Among other changes, this revision:

- Updates the funding plans of 16 Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions;
- Updates the funding plan and back-up listing of one grouped listing to reflect the latest programming decisions regarding the FTA Section 5310 - Elderly and Persons with Disabilities Transit Program, including the addition of \$4.2 million in FTA Section 5310 funds;
- Updates the funding plan of one Federal Transit Administration (FTA) formula funded project to reflect changes in the fiscal year 2016-17 Transit Capital Priorities Program; and
- Updates the funding plan of one State Transportation Improvement Program (STIP) funded project to reflect the latest programming decisions.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$4.2 million in Section 5310 funds. MTC's 2017 TIP, as revised with Revision No. 2017-17, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-18 is an administrative modification that revises five projects with a net funding decrease of \$466,894. The revision was approved into the Federal-Statewide TIP by the deputy executive director on November 6, 2017. Among other changes, this revision:

- Updates the funding plans of four federal earmark funded projects to reflect the repurposing of earmarked funds; and
- Updates the funding plan and back-up listing of the Highway Safety Improvement Program (HSIP) grouped listing to reflect the latest information from Caltrans, including the addition of \$208,500 in HSIP funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$208,500 in HSIP funds and \$69,840 in repurposed federal earmarked funds. MTC's 2017 TIP, as revised with Revision No. 2017-18, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-19 is an amendment that revises 31 projects with a net funding increase of approximately \$4.4 billion. The revision was referred by the Programming and Allocations Committee on September 13, 2017, and approved by the MTC Commission on September 27, 2017. Caltrans approval was received on October 9, 2017, and final federal approval was received on October 25, 2017. Among other changes, this revision:

- Amends four new exempt, three new non-exempt, and three new non-exempt-not regionally significant Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects into the TIP and updates the funding plans of five existing STP/CMAQ funded projects to reflect changes in the One Bay Area Grant 1 (OBAG1) County Program, the OBAG2 Program, and the Transit Performance Initiative Program;
- Amends Bay Area Rapid Transit's (BART) Transbay Core Capacity Improvements project into the TIP with \$931 million in local funds and \$2.6 billion in uncommitted funds;
- Updates the funding plan of Caltrain's Positive Train Control (PTC) System project to reflect the award of approximately \$22 million in Federal Railroad Administration PTC Implementation grant funds;
- Updates the funding plans of five State Highway Operations and Protection Program (SHOPP) funded grouped listings, the Section 130 – Railroad/Highway Crossing Projects funded grouped listing, and the Highway Maintenance Program funded grouped listing to reflect the latest information from Caltrans, including the addition of \$412 million in SHOPP, \$3.8 million in Section 130 funds and \$15 million in Highway Maintenance funds; and
- Amends one new locally-funded exempt project and one new locally-funded non-exempt project into the TIP.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-20 is an administrative modification that revises 18 projects with a net funding increase of \$4 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on November 21, 2017. Among other changes, this revision:

- Updates the funding plans of 11 Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions;
- Updates the funding plan of one federal earmark funded project to reflect the latest programming decisions;
- Updates the funding plans of four individually-listed Federal Highway Bridge Program (HBP) funded projects to reflect the latest information from Caltrans; and
- Updates the funding plan and back-up listing of the HBP funded grouped listing to reflect changes to Contra Costa County's Marsh Creek Rd bridge replacement project, including the addition of \$2.2 million in HBP funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$2.1 million in HBP funds to reflect the net change in HBP funding over the four years of the TIP. MTC's 2017 TIP, as revised with Revision No. 2017-20, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-21 is an administrative modification that revises 14 projects with a net funding increase of \$30 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on December 21, 2017. Among other changes, this revision:

- Updates the funding plans of seven Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions;
- Updates the funding plan of one federal earmark funded project to reflect the latest programming decisions;
- Updates the funding plans of three Active Transportation Program (ATP) funded projects to reflect the latest programming decisions;
- Updates the funding plan and back-up listing of the State Highway Operations and Protection Program (SHOPP) - Safety Improvements funded grouped listing to reflect the addition of \$7.5 million in SHOPP funds;
- Updates the funding plan and back-up listing of the SHOPP Bridge Rehabilitation funded grouped listing to reflect the addition of \$9 million in SHOPP funds; and
- Updates funding plan and back-up listing of the Federal Highway Bridge Program (HBP) funded grouped listing to reflect the use of advanced construction for Contra Costa County's Marsh Creek Rd bridge replacement project.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$16.5 million in SHOPP funds to reflect the net change in SHOPP funding over the four years of the TIP. MTC's 2017 TIP, as revised with Revision No. 2017-21, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 2017-22 is an amendment that revises 19 projects with a net funding increase of approximately \$66.6 million. The revision was referred by the Programming and Allocations Committee on November 8, 2017, and approved by the MTC Commission on November 15, 2017. Caltrans approval was received on January 11, 2018, and final federal approval is expected in early-February, 2018. Among other changes, this revision:

- Adds five exempt and one non-exempt, not regionally significant Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to the TIP and updates one existing STP/CMAQ funded project to reflect the latest programming decisions;
- Splits out two State Highway Operations and Protection Program (SHOPP) funded projects from the SHOPP Mobility grouped listing to the new Alameda County-Traffic Operations Systems/Mobility Program grouped listing, transfers two project segments and \$20 million in CMAQ funds from the Freeway Performance Initiative (FPI) program to the new grouped listing, and adds one new project to the new grouped listing along with \$40.4 million in SHOPP funds;
- Adds one new SHOPP funded grouped listing for the Marin County-Traffic Operations Systems/Mobility Program with \$13 million in SHOPP funds; and
- Archives eight projects as they have been completed.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-23 is a pending administrative modification.

Revision 2017-24 is a pending administrative modification.

Revision 2017-25 is an amendment that revises 134 projects with a net funding increase of approximately \$581 million. The revision was referred by the Programming and Allocations Committee on January 10, 2018, and approved by the MTC Commission on January 24, 2018. Caltrans approval is expected in mid-February, 2018, and final federal approval is expected in mid-March, 2018. Among other changes, this revision:

- Amends six new Active Transportation Program (ATP) funded projects into the TIP and revises the funding plans of six existing ATP funded projects;
- Updates the funding plans and back-up listings of three grouped listings to reflect the latest information from Caltrans;
- Amends 103 new projects into the TIP and updates the funding plans of seven existing projects to reflect the adoption of the One Bay Area Grant 2 (OBAG2) County Program;
- Amends four new projects into the TIP to reflect recent changes to the OBAG2 Regional Arterial Operations Management and Climate Initiatives Programs;
- Amends three new projects into the TIP to reflect previously approved changes to the One Bay Area Grant 1 (OBAG1) Transit Performance Initiative and Climate Change Initiative Programs; and
- Updates the funding plan of one project to reflect recent changes to the Transit Capital Priorities program.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2017-26 is a pending administrative modification.

Revision 2017-27 is an amendment that revises 93 projects with a net funding increase of approximately \$3.5 billion. The revision was referred by the Programming and Allocations Committee on February 14, 2018, and approved by the MTC Commission on February 28, 2018. Caltrans approval is expected in mid-March, 2018, and final federal approval is expected in mid-April, 2018. Among other changes, this revision:

- Amends 38 new exempt projects into the TIP and updates 50 existing projects to reflect the programming of funds for FY2017-18, FY2018-19 and FY2019-20 in the Transit Capital Priorities program including the programming of \$473 million in FTA Section 5307, \$612 million in FTA Section 5337 and \$35 million in FTA Section 5339 funds;
- Updates the funding plan of the Napa Valley Transportation Authority's Replacement Rolling Stock project to reflect the award of approximately \$1 million in FTA Low or No Emissions Bus Program discretionary funds; and
- Updates the City of Vallejo's Sonoma Blvd. Improvements project to reflect the latest information from Caltrans regarding the Highway Safety Improvement Program.

Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.