

Metropolitan Transportation Commission Programming and Allocations Committee

March 8, 2017

Agenda Item 2d

MTC Resolution No. 4275, Revised

Subject: 2017 Transportation Improvement Program (TIP) Amendment 2017-08.

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 2017-08 makes revisions to 73 projects with a net increase in funding of approximately \$840 million. Among other changes, the 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.

The revisions made pursuant to this amendment will not change the air quality conformity finding or conflict with the financial constraint requirements of the TIP; therefore, a conformity determination is not required and the 2017 TIP remains financially constrained. 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: Amendment 2017-08 contains changes that are contingent upon Commission approval of programming changes included in Programming and Allocations Committee Item 3a MTC Resolution Nos. 4169, Revised, 4202, Revised, 4262, 4263, and 4272: FY2016-17 Transit Capital Priorities Programming, AB 664 Bridge Toll Programming and Allocation, BATA Project Savings Programming Revisions, and OBAG 2 Programming Revisions.

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

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2017-08
MTC Resolution No. 4275, Revised

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TIP Revision Summary 2017-08

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: Transit					
ALA090065	Bay Area Rapid Transit District (BART)	BART: Fare Collection Equipment	Update the funding plan to add \$6.2M in 5337 and \$1.6M in local funds for CON in FY 17	\$7,763,750	25.0%
ALA170014	Union City Transit	Union City Paratransit Van Procurement	Amend a new exempt project into the TIP with \$846K in 5307, and \$186K in TDA funds in CON FY 17	\$1,032,000	~%
ALA170015	Union City Transit	Union City Transit: Replace Paratransit Sedan	Amend a new exempt project into the TIP with \$141K in 5307, and \$35K in TDA funds in CON FY 17	\$176,300	~%
ALA170027	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase 10 Double-Decker Buses	Amend a new exempt project into the TIP with \$7.9M in 5307 funds and \$2.4M in local funds	\$10,248,896	~%
ALA170028	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase 18 40ft Hybrid-Electric Buses	Amend a new exempt project into the TIP with \$10.8M in 5307 funds and \$3.2M local funds	\$14,040,000	~%
ALA170029	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Preventive Maintenance (Swap)	Amend a new exempt project into the TIP with \$5.4M in 5307 funds and \$1.6M in local funds	\$7,020,000	~%
ALA170030	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Preventive Maintenance (Deferred Comp)	Amend a new exempt project into the TIP with \$2.1M in 5307 funds and \$520K local funds	\$2,600,000	~%
ALA170032	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Purchase 19 60-ft Artic Urban Buses	Amend a new exempt project into the TIP with \$14M in 5307 funds, \$1.3M in 5339 funds, and \$6.8M in bridge toll funds	\$22,157,520	~%
ALA170039	Union City Transit	Union City: ADA Paratransit Operating Subsidy	Amend a new exempt project into the TIP with \$134K in 5307 and \$34K Local funds.	\$167,825	~%
ALA990052	Alameda Contra Costa Transit District (AC Transit)	AC Transit: Paratransit Van Replacement	Update the funding plan to add \$1.2M in 5307 and \$292K in local funds for CON FY17	\$1,461,243	7.3%
ALA990076	Alameda Contra Costa Transit District (AC Transit)	AC Transit: ADA Paratransit Assistance	Update the funding plan to add \$3.9M in 5307 and \$964K in Local for CON FY 17	\$4,820,414	4.3%
BRT030004	Bay Area Rapid Transit District (BART)	BART Train Control Renovation	Update the funding plan to add \$10M in 5307 and \$2.5M in local funds for CON FY 17	\$12,500,000	5.8%
BRT030005	Bay Area Rapid Transit District (BART)	BART: Traction Power System Renovation	Update the funding plan to add \$12.8M in 5307, \$4.2M in 5337 & \$4.3M in local for CON FY17	\$21,250,000	13.3%
BRT97100B	Bay Area Rapid Transit District (BART)	BART: Rail, Way and Structures Program	Update the funding plan to add \$17M in 5337 and \$4.25M in local funds for CON in FY17	\$21,250,000	10.0%
BRT99T01B	Bay Area Rapid Transit District (BART)	BART:ADA Paratransit Capital Accessibility Improve	Update the funding plan to add \$2.4M in 5307 and \$604K in local funds to CON FY 17	\$3,019,999	7.4%

TIP Revision Summary 2017-08

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
CC-030035	Eastern Contra Costa Transit Agency (Tri Delta)	Tri-Delta: ADA Operating Assistance	Update the funding plan to add \$541k in 5307 and local funds to CON FY 17	\$1,082,048	14.1%
CC-070092	Eastern Contra Costa Transit Agency (Tri Delta)	ECCTA: Transit Bus Replacements	Update the funding plan to add \$2M in 5307 and \$511k in local funds to FY17 and update the project description	\$2,554,300	5.4%
CC-170006	Western Contra Costa Transit Authority (WestCAT)	WestCAT: Replace (2) 2002 40ft Revenue Vehicles	Amend a new exempt project into the TIP with \$882K in 5307 and \$194K Local funds	\$1,076,000	~%
CC-170007	Western Contra Costa Transit Authority (WestCAT)	WestCAT: Purchase 2 Fast Fare Electronic Fareboxes	Amend a new exempt project into the TIP with \$29K in 5307 and \$7K local funds for CON FY17	\$35,623	~%
CC-990045	Western Contra Costa Transit Authority (WestCAT)	WestCat: ADA Paratransit Operating Subsidy	Update the funding plan to add \$258K in both 5307 and Local funds to CON FY 17	\$516,730	21.2%
MRN030010	Golden Gate Bridge, Highway and Transit District	GGBHTD: Fixed Guideway Connectors	Update the funding plan to add \$3M in 5337 and \$750K in local funds for CON FY 17	\$3,750,000	9.8%
MRN050025	Golden Gate Bridge, Highway and Transit District	GGBHTD: Facilities Rehabilitation	Update the funding plan to add \$4.6M in 5307 and \$1.2M in local funds for CON FY 17	\$5,750,000	28.9%
MRN110047	Marin County Transit District	MCTD: ADA Paratransit Assistance	Update the funding plan to add \$701K in 5307 and \$175K in sales tax to CON FY17	\$876,545	22.6%
MRN170003	Marin County Transit District	MCTD: Replace Paratransit Vehicles	Amend a new exempt project into the TIP with \$219K in 5307 and \$48K in sales tax funds	\$267,000	~%
MRN170004	Marin County Transit District	MCTD: Replace Paratransit Vehicles with Vans	Amend a new exempt project into the TIP with \$85K in 5307, \$27K in sales tax, and \$32K in local funds	\$143,530	~%
MRN170009	Golden Gate Bridge, Highway and Transit District	GGBHTD: Replace Paratransit Vehicles	Amend a new exempt project into the TIP with \$584K in 5339 funds and \$128K in Local funds	\$712,000	~%
REG090051	Caltrain	Caltrain: Revenue Vehicle Rehab Program	Update funding to add \$175K in 5307 and \$44K in local for CON FY 17	\$219,263	2.6%
SCL050001	Santa Clara Valley Transportation Authority (VTA)	VTA: Standard & Small Bus Replacement	Update the funding plan to add \$17.1M in 5307, \$2.9M in 5339 funds and \$5M local funds for CON FY 17	\$25,000,000	11.9%
SCL050002	Santa Clara Valley Transportation Authority (VTA)	VTA: Rail Replacement Program	Update the funding plan to add \$4.3M in 5337 and \$1.1M in local funds to CON FY 17	\$5,418,007	18.0%

TIP Revision Summary 2017-08

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SCL050046	Santa Clara Valley Transportation Authority (VTA)	VTA: ADA Operating Set Aside	Update the funding plan to add \$3.7M in 5307 and \$939K local funds to CON FY 17	\$4,693,285	9.7%
SCL050049	Santa Clara Valley Transportation Authority (VTA)	VTA: Rail Substation Rehab/Replacement	Update the funding plan to add \$1.9M in 5337 and \$467K in local funds to CON FY 17	\$2,334,177	9.1%
SCL110099	Santa Clara Valley Transportation Authority (VTA)	VTA: Light Rail Bridge and Structure - SG Repair	Update funding plan to add \$1.4M in 5337 and \$360K in local funds to CON FY 17	\$1,800,000	105.9%
SCL150005	Santa Clara Valley Transportation Authority (VTA)	VTA Train to Wayside Communication System Upgrade	Update the funding plan to add \$1.1M in 5337 and \$271K in local funds to CON FY 17	\$1,355,750	542.3%
SCL170004	Santa Clara Valley Transportation Authority (VTA)	VTA: LR Vehicle CCTV Door Monitoring System	Amend a new exempt project into the TIP with \$800K in 5337 and \$200K in local funds in CON FY 17	\$1,000,000	~%
SCL170005	Santa Clara Valley Transportation Authority (VTA)	VTA: Paratransit Vehicle Procurement	Amend a new exempt project into the TIP with \$2.9M in 5307 and \$723K in local funds	\$3,617,189	~%
SCL170006	Santa Clara Valley Transportation Authority (VTA)	VTA: Replace Fault Monitoring System on LRVs	Amend a new exempt project into the TIP with \$2.3M in 5337, and \$564K in local funds	\$2,819,000	~%
SCL170007	Santa Clara Valley Transportation Authority (VTA)	VTA: Pedestrian Swing Gates Replacement	Amend a new exempt project into the TIP with \$704K in 5337 and \$176K in local funds	\$880,000	~%
SCL170008	Santa Clara Valley Transportation Authority (VTA)	VTA: Vasona Pedestrian Back Gates	Amend a new exempt project into the TIP with \$1.2M in 5337 and \$296K in local funds	\$1,481,324	~%
SCL170009	Santa Clara Valley Transportation Authority (VTA)	VTA: Chaboya Yard Well Removal	Amend a new exempt project into the TIP with \$196K in 5337 and \$49K in local funds for CON FY 17	\$245,000	~%
SCL170010	Santa Clara Valley Transportation Authority (VTA)	VTA: Guadalupe Train Wash Replacement	Amend a new exempt project into the TIP with \$1.4M in 5337 and \$362K in local funds	\$1,810,000	~%
SCL170011	Santa Clara Valley Transportation Authority (VTA)	VTA: Upgrade Rail Grade Crossing Control Equipment	Amend a new exempt project into the TIP with \$4.4M in 5337 and \$1.1M in Local funds	\$5,460,000	~%
SF-010028	Caltrain	Caltrain Electrification	Update the funding plan to add \$17K in 5309-FG, \$19.4M in RM1, \$20M in RM2, \$166M in Local, \$142M in Other State (mix of CHSRA, LCTOP and TIRCP), \$16M in Sales Tax, and \$24M in RTP-LRP; remove \$12M in Prop-1B; and reprogram funds between years and phases	\$368,253,416	22.8%

TIP Revision Summary 2017-08

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SF-030013	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Wayside Fare Collection Equipment	Update the funding plan to add \$250K in AB-664 bridge toll funds	\$250,000	0.6%
SF-050024	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Train Control & Trolley Signal Rehab/Replace	Update the funding plan to add \$3.3M in AB-664 bridge toll funds to CON in FY17	\$3,276,885	5.0%
SF-090035	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Paratransit Vehicle Replacements	Update the funding plan to add \$256K in AB-664 bridge toll funds to CON in FY17	\$255,840	2.2%
SF-150005	San Francisco Municipal Transport Agency (SFMTA)	SFMTA - Replacement of 40' Motor Coaches	Update the funding plan to add \$39M in 5307 to CON in FY17 and reprogram \$9.8M in AB-664 bridge toll for CON from FY16 to FY17	\$39,297,566	45.0%
SF-150006	San Francisco Municipal Transport Agency (SFMTA)	SFMTA Replacement of 60' Motor Coaches	Update the funding plan to add \$5.3M in 5307, \$4.7M in 5339 and \$2.5M in Local funds for CON in FY 17	\$12,510,633	10.3%
SF-150007	San Francisco Municipal Transport Agency (SFMTA)	SFMTA Farebox Replacement	Update the funding plan to add \$2.7M in AB-664 bridge toll funds for CON in FY17	\$2,688,000	64.2%
SF-170004	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Replacement of 40' Trolley Coaches	Amend a new exempt project into the TIP with \$96M in 5337 and \$23.9M in Local funds	\$119,575,765	~%
SF-170005	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Replacement of 60' Trolley Coaches	Amend a new exempt project into the TIP with \$18M in 5337, \$23M in BATA Project Savings and \$5.5M in AB-664 bridge toll funds	\$46,550,320	~%
SF-170006	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Station-area Ped and Bike Access Improvemnt	Amend a new exempt project into the TIP with \$250K in AB-664 bridge toll funds	\$250,000	~%
SF-95037B	San Francisco Municipal Transport Agency (SFMTA)	SF Muni Rail Replacement Program	Update the funding plan to add \$4.4M in AB-664 bridge toll funds for CON in FY17	\$4,350,709	2.2%
SF-970073	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Cable Car Vehicle Renovation Program	Update the funding plan to add \$1M in AB-664 bridge toll funds for CON in FY17	\$1,018,464	4.1%
SF-970170	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Trolley Overhead Recon. Program	Update the funding plan to add \$3.7M in AB-664 bridge toll funds for CON in FY17	\$3,690,000	2.2%
SF-990022	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: ADA Paratransit operating support	Update the funding plan to add \$4.6M in 5307 and \$1.1M in Other Local for CON in FY17	\$5,739,532	2.6%

TIP Revision Summary 2017-08

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SF-99T002	San Francisco Municipal Transport Agency (SFMTA)	Cable Car Traction Power & Guideway Rehab	Update the funding plan to add \$738K in AB-664 bridge toll funds for CON in FY17	\$738,000	1.0%
SM-03006B	Caltrain	Caltrain: Systemwide Track Rehab & Related Struct.	Update the funding plan to add \$10M in 5337 and \$2.5M in local funds for CON FY 17	\$12,410,218	9.4%
SM-150005	San Mateo County Transit District (SAMTRANS)	SAMTRANS: Replacement of 2003 Gillig Buses	Update the funding plan to add \$2M in 5307 and \$434k in saletax funds for CON FY 17	\$2,410,000	7.2%
SM-990026	San Mateo County Transit District (SAMTRANS)	SAMTRANS: ADA Paratransit Operating Subsidy	Update the funding plan to add \$1.8M in 5307 and \$443k in sales tax to CON FY17	\$2,216,692	20.9%
SOL010007	Vacaville	Vacaville Transit: Operating Assistance	Update the funding plan to add \$850K in 5307 and \$850K in TDA funds for CON in FY 17	\$1,700,000	8.7%
SOL070032	Solano County Transit (SolTrans)	SolTrans: Preventive Maintenance	Update the funding plan to add \$647K in 5307 and \$162K in local funds for CON FY 17	\$808,138	26.8%
SOL110041	Fairfield	Fairfield-Suisun Intercity/Local Bus Replacement	Update the funding plan to add \$461K 5339 and \$115K TDA to FY17; and update the expanded description to clarify the scope of the project	\$575,782	41.3%
SOL170002	Solano County Transit (SolTrans)	SolTrans: Data Management Technology Enhancements	Amend a new exempt project into the TIP with \$320K in 5307 and \$80K in local funds for CON FY 17	\$400,000	~%
SOL170003	Solano County Transit (SolTrans)	Soltrans: Facilities and Amenities Improvements	Amend a new project into the TIP with \$240K in 5307 and \$60K in local funds for CON FY 17	\$300,000	~%
SON030005	Sonoma County Transit	Sonoma Co Transit: Preventive Maintenance Program	Update the funding plan to add \$1.28M in 5307 and \$320K in Local funds to CON in FY 17	\$1,600,000	9.8%
SON090023	Santa Rosa City Bus	Santa Rosa CityBus: Operating Assistance	Update the funding plan to add \$1.5M in both 5307 and local funds to CON FY 17	\$3,053,714	13.1%
SON090024	Santa Rosa City Bus	Santa Rosa CityBus: Preventative Maintenance	Update the funding plan to add \$456K in 5307 and \$114K in local funds to CON FY 17	\$569,861	5.5%
SON110051	Petaluma	Petaluma: Purchase 2 Paratransit Cutaways FY13	Archive project as completed	\$0	0.0%
SON150007	Petaluma	Petaluma Transit: ADA Set-Aside	Update the funding plan to add \$90K in 5307 and \$22K in local funds to CON FY 17	\$112,925	54.1%
SON150013	Sonoma County Transit	Sonoma County Transit: Replace 2006 CNG Buses	Update the funding plan to add \$430K in 5307, \$180K in 5339, and \$174K in Local to CON FY17; and update the project description to add 3 buses	\$784,305	76.6%
SON170003	Santa Rosa City Bus	Santa Rosa CityBus-paratransit operations	Amend a new exempt project into the TIP with \$236K in both 5307 and local funds to CON FY 17	\$472,308	~%
SON170004	Petaluma	Petaluma: Replace 1 Paratransit Cutaway FY17	Amend a new exempt project into the TIP with \$45K in 5307 funds and \$10K in local funds to CON FY 17	\$55,000	~%
SON170005	Petaluma	Petaluma: Transit Yard & Facilities Improvements	Amend a new exempt project into the TIP with \$45K in 5307 funds and \$11K in local funds to CON FY 17	\$56,375	~%

TIP Revision Summary 2017-08

Total Funding Change: \$840,375,166

TIP Revision Summary

	Federal	State	Regional	Local	Total	2017 TIP Only
Current:	\$1,830,115,422	\$691,639,903	\$59,511,771	\$1,530,697,565	\$4,111,964,661	\$525,318,704
Proposed:	\$2,177,938,465	\$821,639,903	\$150,814,989	\$1,801,946,470	\$4,952,339,827	\$1,555,777,610
Delta:	\$347,823,043	\$130,000,000	\$91,303,218	\$271,248,905	\$840,375,166	\$1,030,458,906

Date: September 28, 2016
W.I.: 1512
Referred by: PAC
Revised: 12/21/16-C 02/22/17-C 03/22/17-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, and March 8, 2017. 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
17-01	Admin. Modification	61	-\$3,823,767	12/21/2016	12/21/2016
17-02	Admin. Modification	6	\$544,852	1/31/2017	1/31/2017
17-03	Amendment	69	\$819,826,956	12/21/2016	2/8/2017
17-04	Admin. Modification	Pending	Pending	Pending	Pending
17-05	Admin. Modification	Pending	Pending	Pending	Pending
17-06	Amendment	11	\$68,189,237	2/22/2017	Pending
17-07	Admin. Modification	Pending	Pending	Pending	Pending
17-08	Amendment	73	\$840,375,166	3/22/2017	Pending
Net Funding Change		220	\$1,725,112,444		
Absolute Funding Change			\$1,732,759,978		

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

Attachment B
Resolution No. 4275, Revised
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Revisions to the 2017 TIP

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

Revision 17-01 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 17-02 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 17-03 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 17-04 is a pending administrative modification.

Revision 17-05 is a pending administrative modification.

Revision 17-06 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 is expected in March, 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 17-07 is a pending administrative modification.

Revision 17-08 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 is expected in mid-April, 2017, and final federal approval is expected in mid-May, 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.