

## Metropolitan Transportation Commission Programming and Allocations Committee

June 14, 2017

Agenda Item 2f

### MTC Resolution No. 4275, Revised

**Subject:** 2017 Transportation Improvement Program (TIP) Amendment 2017-13.

**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 2017-13 makes revisions to 48 projects with a net increase in funding of approximately \$221 million. Among other changes, the 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;
- 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 new exempt projects in the TIP; and
- Archives six projects as they have 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, subject to the determination of the regional Air Quality Conformity Task Force at their June 22, 2017 meeting, 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:**

Elements of this revision are contingent upon Commission approval of programming changes included in the following Programming and Allocations Committee Items:

- Item 2c, MTC Resolution Nos. 4035, Revised and 4202, Revised. Revisions to the One Bay Area Grant 1 (OBAG1) and One Bay Area Grant 2 (OBAG2) programs; and
- Item 2d, MTC Resolution Nos. 4216, Revised, and 4292. FTA Section 5311 Rural Area Program of Projects for FY2017-18 and revisions to the Program for FY2016-17.

This revision also contains programming changes that are contingent upon the Regional Air Quality Conformity Task Force's concurrence on the regional air quality conformity status of City/County Association of Governments of San Mateo County's US-101 HOV/HOT from Santa Clara to South of Grand Ave project as well as the projects being added through this amendment. While staff does not expect a negative finding on these projects, the task force will not meet until June 22, 2017. If the Task Force does make a negative finding for these projects, the changes will be removed from this revision to the 2017 TIP prior to Commission approval.

This revision is also contingent upon the California Transportation Commission approving the FTA Section 5310 Enhanced Mobility for Seniors and Individuals with Disabilities Program at their meeting on June 28-29.

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

**Attachments:** Attachment 1, Summary Report of Amended Projects for TIP Amendment 2017-13  
MTC Resolution No. 4275, Revised

**TIP Revision Summary  
2017-13**

**COMMISSION AGENDA ITEM 6f**

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
<b>System: Local Road</b>					
ALA050035	Alameda County	Cherryland/Ashland/CastroValley/Fairview Sidwklmp	Update the funding plan to add \$1.3M in ATP funds and \$227K in Local funds to CON FY20, add \$212K in Local funds to CON FY21, and add \$8.3M in RTP-LRP funds to CON FY22	\$10,051,000	116.0%
ALA150010	Oakland	International Boulevard Improvement Project	Update project description to include improvements on E. 12th St.	\$0	0.0%
ALA170047	Alameda County	Active Oakland: A Comprehensive SR2S Program	Amend a new exempt project into the TIP with \$977K in ATP funds	\$977,000	~%
ALA170051	Oakland	Fruitvale Alive Gap Closure Project	Amend a new exempt project into the TIP with \$5.9M in ATP funding and \$2.7M in Local funding	\$8,541,000	~%
ALA170052	Oakland	Oakland Fruitvale Ave Bike/Ped Imprvmnts H8-04-014	Split this project out of VAR170002 along with \$1.1M in HSIP and \$361K in Local funds and update the project description to include road diet improvements	\$1,466,507	~%
ALA170053	Oakland	Oakland 35th Ave Bike/Ped Improvements H8-04-015	Split this project out from VAR170002 along with \$2.2M in HSIP and \$715K in Local funds and update the project description to include road diet improvements	\$2,903,800	~%
ALA170054	Berkeley	John Muir Safe Routes to School	Amend a new exempt project into the TIP with \$270K in ATP funding and \$66K in Local funding	\$336,000	~%
CC-070078	Brentwood	John Muir Parkway Extension: Ph. II	Update the funding plan to reprogram CON from FY16 to FY17	\$0	0.0%
CC-130032	San Pablo	San Pablo Avenue Bicycle and Ped Improvements	Update the project scope to include new and modified signals, modified medians, retaining walls, lighting and landscaping	\$0	0.0%
CC-170020	Contra Costa County	Fred Jackson Way First Mile/Last Mile Connection	Amend a new exempt project into the TIP with \$3.3M in ATP funds and \$1M in Local funds	\$4,298,000	~%
CC-170021	Contra Costa County	Pacheco Blvd Sidewalk Gap Closure Phase 3	Amend a new exempt project into the TIP with \$619K in ATP funds, and \$657K in Local funds	\$1,276,000	~%
CC-170022	Concord	Commerce Ave Complete Streets	Amend a new exempt project to the TIP with \$1.44M in STP and \$500K in Other Local funds	\$1,940,000	~%
MRN170012	San Rafael	Francisco Boulevard East Sidewalk Widening	Amend a new exempt project into the TIP with \$4M in ATP funds, \$2.1M in RTP-LRP funds, and \$707K in Local funds	\$6,832,000	~%
REG170010	Metropolitan Transportation Commission (MTC)	Reg. Prog. for Arterial System Synchronization	Amend a new exempt project into the TIP with \$5M in FY18 CON CMAQ and \$650K in Local funds	\$5,650,000	~%
SCL170017	Sunnyvale	Sunnyvale SNAIL Neighborhood Improvements	Amend a new exempt project into the TIP with \$4.8M in ATP funding and \$1.2M in General funds	\$6,059,000	~%
SF-170012	Port of San Francisco	Cargo Way and Amador Street Improvements	Amend a new exempt project into the TIP with \$2M in Local funds and \$28M in RTP-LRP	\$30,000,000	~%

**TIP Revision Summary  
2017-13**

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SF-170014	San Francisco Municipal Transport Agency (SFMTA)	SF - Powell Street Safety Project	Amend a new exempt project into the TIP with \$4.4M in ATP funds, \$5M in Local funds, and \$500K in Prop 1B funds	\$9,889,000	~%
SF-170015	San Francisco Municipal Transport Agency (SFMTA)	SF - Adv Transportation and Congestion Management	Amend a new exempt project into the TIP with \$11M in Other Federal (Advanced Transportation and Congestion Management Technologies Deployment Program) funds and \$11M in Private funds	\$21,981,520	~%
SM-110022	San Mateo CCAG	San Mateo County SR2S Program	Update the funding plan to add \$2.6M in CMAQ and \$340K in Other Local funds to FY18 CON	\$2,957,000	60.4%
SOL170006	Fairfield	East Tabor Tolenas SR2S Sidewalk Gap Closure	Amend a new exempt project into the TIP with \$1.7M in ATP funding and \$269K in Local funding	\$1,969,000	~%
SON170009	Sonoma County Transportation Authority (SCTA)	Sonoma County - County-Wide SRTS Program	Amend a new exempt project to the TIP with \$1.7M in FY18 CON CMAQ, \$345K in FY18 CON CMAQ, and \$50K in FY18 CON STP, with Toll Credits being applied in lieu of match; \$260K in Sales Tax funds are non-participating.	\$2,310,000	~%
VAR170012	Caltrans	GL: Bridge Rehab/Recon. - Local Hwy Bridge Program	Update the funding plan to reflect the latest information from Caltrans including the addition of \$11.3M in funding	\$11,290,954	2.1%
<b>System: Public Lands/Trails</b>					
ALA170050	Emeryville	Emeryville Greenway Crossing Improvements	Amend a new exempt project into the TIP with \$265K in ATP funding, \$40K in Local funding and \$25K in State Office of Transportation Safety funding	\$330,000	~%
NAP130004	Napa (City)	State Route 29 Bicycle & Pedestrian Undercrossing	Update the funding plan to remove \$3K in Local funds and \$425K in RTP-LRP and add \$531K in ATP and \$114K in TFCA in various years	\$217,000	41.3%
SCL130031	Sunnyvale	Sunnyvale East and West Channel Multi-Use Trails	Remove \$3.44M in CMAQ and \$1.3M in local funds as they are being transferred to SCL130040 and delete this project as it will not move forward	-\$4,745,000	-100.0%
SOL170007	Suisun City	McCoy Creek Trail - Phase 2	Amend a new exempt project into the TIP with \$1.8M in ATP funding, \$582K in TDA funding, \$498K in RTP-LRP funding, and \$150K in Local funding	\$3,000,000	~%
SOL170008	Vallejo	Vallejo Bay Trail / Vine Trail Gap Closure	Amend a new exempt project into the TIP with \$4.2M in ATP funds and \$912K in Local funds	\$5,128,000	~%
<b>System: State Highway</b>					
ALA170049	Alameda (City)	Central Avenue Safety Improvements	Amend a new exempt project into the TIP with \$7.3M in ATP funding and \$4.9M in Local funding	\$12,214,000	~%
SM-150017	San Mateo CCAG	US 101 HOV/HOT from Santa Clara to S of Grand Ave	Update the project scope to change the northern project limit from I-380 to 0.3 mile south of Grand Ave Interchange to match coop agreement and Supplemental PSR-PDS	\$0	0.0%
SM-170009	Woodside	Woodside School Safety Pathway Phase 3	Amend a new exempt project into the TIP with \$528K in ATP funds and \$221K in Local funds	\$749,000	~%
VAR170002	Caltrans	GL: Highway Safety Improvement Program	Update the funding plan and back-up listing to split out scope and funding to ALA170052 and ALA170053	-\$4,370,300	-7.9%
<b>System: Transit</b>					



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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
ALA170048	Altamont Commuter Express (ACE)	ACE Fixed Guideway (Capital Lease)	Amend a new exempt project into the TIP with \$1.36M in 5307, \$132K in 5337 and \$1.49M in Local funds	\$2,980,000	~%
ALA170055	Bay Area Rapid Transit District (BART)	BART - GO Uptown	Split some 19th St BART Station improvements out of CC-130048 along with \$17.5M in Prop-1B-PTMISEA and \$6.3M in TIGER funds, update the project scope to include streetscape improvements near the station and add \$98K in Local funds	\$23,911,688	~%
ALA170056	Altamont Commuter Express (ACE)	Locomotive Procurement	Amend a new exempt project into the TIP with \$2M in CARB funds and \$5.5M in RTP-LRP funds	\$7,500,000	~%
CC-130048	Bay Area Rapid Transit District (BART)	BART Station Modernization Program	Split some 19th St BART Station improvements out to ALA170055 along with \$17.5M in Prop-1B-PTMISEA and \$6.3M in TIGER funds	-\$23,813,688	-10.4%
CC-99T001	Central Contra Costa Transit Agency (CCCTA)	CCCTA: ADA Paratransit Assistance	Update the funding plan to add \$1.2M in FY17 CON 5307 and \$302K in FY17 CON Local funds	\$1,509,778	10.2%
MRN170013	Golden Gate Bridge, Highway and Transit District	San Rafael Transit Center Relocation	Amend a new exempt project into the TIP with \$1.3M in CMAQ and \$162K in Other Local to FY18 PE	\$46,412,000	~%
SCL130040	Santa Clara Valley Transportation Authority (VTA)	Montague Expy Ped Bridge at Milpitas BART	Update funding plan to add \$3.44M in FY18 CON CMAQ and \$1.3M in Local, as funds are being transferred from SCL130031; add \$2.5M in Local funds remove; \$8.7M in RTP-LRP funds; and reprogram between years and phases	-\$1,517,543	-11.9%
SON090030	Petaluma	Petaluma Transit: AVL System	Archive the project as complete.	\$0	0.0%
SON150004	Petaluma	Petaluma Transit: Purchase (1) Fixed Route Bus	Archive the project as complete.	\$0	0.0%
SON150005	Petaluma	Petaluma Transit: (3) Digital Two-Way Radios	Archive the project as complete.	\$0	0.0%
SON150014	Petaluma	Petaluma Transit: Purchase (2) Fixed Route Buses	Archive the project as complete.	\$0	0.0%
SON150015	Petaluma	Petaluma Transit: Clipper Equip for Fixed Route Buses	Archive the project as complete.	\$0	0.0%
SON150016	Petaluma	Petaluma Transit: Comm Equip for 3 Fixed Route Buses	Archive the project as complete.	\$0	0.0%
SON150019	Santa Rosa City Bus	Implementation of Reimagining CityBus	Update the funding plan to add \$526K in CMAQ and \$80K in Other Local funds to FY18 CON	\$605,787	342.9%
VAR170018	Metropolitan Transportation Commission (MTC)	GL: FTA 5311 Rural Area FY17	Amend a new grouped listing into the TIP with \$1.5M in 5311, \$300K in 5311f, and \$1.2M in Other Local funds	\$2,986,520	~%
VAR170019	Metropolitan Transportation Commission (MTC)	GL: FTA 5311 Rural Area FY18	Amend a new grouped listing into the TIP with \$1.6M in 5311, \$222K in 5311f and \$944K in Local funds	\$2,912,075	~%

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
VAR170020	Metropolitan Transportation Commission (MTC)	GL: FTA Section 5310 Program FY15, FY16 and FY17	Amend a new exempt project into the TIP with \$10.5M in 5310 and \$4M in Local funds	\$14,607,044	~%
Total Funding Change:				\$221,344,142	

TIP Revision Summary

	Federal	State	Regional	Local	Total	2017 TIP Only
Current:	\$601,740,734	\$214,922,982	\$0	\$234,111,825	\$1,050,775,541	\$264,424,806
Proposed:	\$652,348,774	\$259,341,983	\$114,000	\$360,314,926	\$1,272,119,683	\$371,417,940
Delta:	\$50,608,040	\$44,419,001	\$114,000	\$126,203,101	\$221,344,142	\$106,993,134

**COMMISSION AGENDA ITEM 6f**

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**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, and June 14, 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	15	-\$111,504	3/6/2017	3/6/2017
17-05	Admin. Modification	12	\$22,741,790	4/5/2017	4/5/2017
17-06	Amendment	11	\$68,189,237	2/22/2017	3/14/2017
17-07	Admin. Modification	15	-\$8,341,530	4/28/2017	4/28/2017
17-08	Amendment	73	\$840,375,166	3/22/2017	4/14/2017
17-09	Admin. Modification	Pending	Pending	Pending	Pending
17-10	Amendment	14	\$101,213,635	4/26/2017	Pending
17-11	Admin. Modification	Pending	Pending	Pending	Pending
17-12	Admin. Modification	Pending	Pending	Pending	Pending

## ABSTRACT

MTC Resolution No. 4275, Revised

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Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
17-13	Amendment	48	\$221,344,142	6/28/2017	Pending
Net Funding Change		324	\$2,061,958,977		
Absolute Funding Change			\$2,086,512,579		



## COMMISSION AGENDA ITEM 6f

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<sub>2.5</sub>) standard in December 2009, and MTC must demonstrate conformance to this standard through an interim emissions test until a PM<sub>2.5</sub> 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

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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



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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.

## **COMMISSION AGENDA ITEM 6f**

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

Attachment A  
Resolution No. 4275  
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### **2017 Transportation Improvement Program**

The 2017 Transportation Improvement Program for the San Francisco Bay Area, adopted September 28, 2016, is comprised of the following, incorporated herein as though set forth at length:

- A Guide to the 2017 Transportation Improvement Program (TIP) for the San Francisco Bay Area
- TIP Overview
- Expedited Project Selection Process
- TIP Revision Procedures
- Financial Capacity Assessments
- County Summaries
- Project Listings
- Appendices
- The 2017 TIP Investment Analysis: Focus on Low-Income and Minority Communities

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

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 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 17-05** 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 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 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 17-07** 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 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 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 17-09** is a pending administrative modification.

**Revision 17-10** 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 is expected in mid-June, 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 17-11** is a pending administrative modification.

**Revision 17-12** is a pending administrative modification.

**Revision 17-13** 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 is expected in mid-July, 2017, and final federal approval is expected in mid-August, 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.