

**Metropolitan Transportation Commission
Programming and Allocations Committee**

March 7, 2018

Agenda Item 2d

MTC Resolution No. 4275, Revised

Subject: 2017 Transportation Improvement Program (TIP) Amendment 2017-30.

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 2017-30 makes revisions to 51 projects with a net funding increase of approximately \$74 million. Among other changes, this revision:

- Amends 34 new projects into the TIP and updates the funding plans of three existing projects to reflect the adoption of the One Bay Area Grant Program 2 (OBAG2) County program;
- Amends two other new projects into the TIP;
- Archives two projects as they have been completed;
- Splits the Port of Oakland's 7th St. Grade Separation and Port Arterial Improvements project into three separate projects; and
- Add \$25.8 million to the cost of the Contra Costa Transportation Authority's I-680/SR-4 Interchange Reconstruction-Phase 3 project to reflect the full project cost.

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:

A concurrent amendment, Amendment 2017-28, revises the U.S. Highway 101 Managed Lanes Project in San Mateo County to maintain consistency with the Amended Plan Bay Area 2040, including a net increase in funding of approximately \$363 million. The revision to this project in the TIP is contingent on a similar amendment to Plan Bay Area 2040 and an updated Transportation-Air Quality Conformity Analysis for the Amended Plan Bay Area 2040 and the Amended 2017 TIP. Because of these additional actions, Amendment 2017-28 is being reviewed along with those items at the Planning Committee meeting on March 9, 2018. Pending the Committee referrals, the Commission will consider action on both TIP Amendments 2017-28 and 2017-30 at its March 28, 2018 meeting.

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

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2017-30
MTC Resolution No. 4275, Revised

TIP Revision Summary
2017-30

Attachment 1

| TIP ID | Sponsor | Project Name | Description of Change | Funding Change (\$) | Funding Change (%) |
|---------------------------|---|--|--|---------------------|--------------------|
| System: Local Road | | | | | |
| ALA090027 | Port of Oakland | 7th St Grade Separation and Port Arterial Improvem | Split the 7th St Grade Separation-East (ALA170085), -West (ALA170086), and Freight ITS (ALA170087) projects out of this project along with \$3M in Other Local, \$33M in Sales Tax, \$21K in Repurposed Earmark and \$377M in RTP-LRP and remove \$101.6M in RTP-LRP | -\$515,000,000 | -100.0% |
| ALA170084 | Piedmont | Piedmont - Oakland Avenue Improvements | Amend a new exempt project into the TIP with \$168K in OBAG2-STP and \$341K in Other Local funds | \$509,000 | ~% |
| ALA170085 | Alameda County Transportation Commission (ACTC) | 7th Street Grade Separation East | Split this project out of ALA090027 along with \$2M in Other Local, 19M in Sales Tax, \$389 in Repurposed Earmark, and \$223M in RTP-LRP funds and add \$8M in Other State (SB1-LPP) funds | \$252,000,000 | ~% |
| ALA170086 | Alameda County Transportation Commission (ACTC) | 7th Street Grade Separation West | Split this project out from ALA090027 along with \$979K in Other Local, \$14M in Sales Tax, \$21K in Repurposed Earmark and \$144M in RTP-LRP and add \$1M in Other Local and \$5M in Sales Tax | \$165,000,000 | ~% |
| ALA170087 | Alameda County Transportation Commission (ACTC) | Freight Intelligent Transportation System (FITS) | Split this project out of ALA090027 along with \$10.5M in RTP-LRP and add \$2M in Other Local, \$6.6M in Sales Tax, \$1.8M in FEMA Port Security Grant Program and \$9.7M in FHWA ATCMDT grant funds | \$30,600,000 | ~% |
| ALA170088 | Albany | San Pablo Ave & Buchanan St Pedestrian Imps. | Amend new exempt project to the TIP with \$340K in OBAG 2 STP, \$335K in ATP-State, and \$640K in Other Local, and \$4M in RTP-LRP funds | \$5,315,086 | ~% |
| CC-070046 | El Cerrito | El Cerrito del Norte Area TOD Complete Street Imps | Update funding plan to change the fund source of \$4.5M in RTP-LRP to OBAG2-CMAQ, \$340K in Other Local to OBAG2-CMAQ, and \$2.3M in Other Local to Sales Tax; remove \$50K in Other Local funds; and reprogram remaining funds between years and phases | -\$50,000 | -0.6% |
| CC-150009 | Contra Costa Transportation Authority (CCTA) | CCTA - Carshare 4 All | Update the project description to reflect that the project will be implemented at various locations and to add outreach; Update the funding plan to change the source for \$48K from CMAQ to local and remove \$366K in CMAQ and \$157K in Other Local funds | -\$522,965 | -42.9% |
| CC-170056 | Richmond | Lincoln Elementary SRTS Pedestrian Enhancements | Amend a new exempt project into the TIP with \$320K in OBAG2-CMAQ-SRTS, \$63K in Sales Tax, and \$50K in Other Local funds | \$433,000 | ~% |
| CC-170057 | Richmond | Richmond: Citywide Pavement Rehab ADA Improvement | Amend a new project exempt project into the TIP with \$2.2M in OBAG2-STP and \$355K in Other Local funds | \$2,760,000 | ~% |
| CC-170058 | Danville | Camino Ramon Improvements | Amend a new exempt project into the TIP with \$1.4M in OBAG2-STP and \$614K in Other Local funds | \$1,971,486 | ~% |
| CC-170059 | Martinez | Martinez Downtown Streets Rehabilitation | Amend a new exempt project into the TIP with \$846K in OBAG2-STP and \$266K in Sales Tax funds | \$1,112,000 | ~% |
| MRN170022 | Novato | Novato-Measure A Group 10 Pavement Rehabilitation | Update the funding plan to reprogram CON from FY20 to FY21 | \$0 | 0.0% |
| NAP170006 | American Canyon | Green Island Road Class I | Amend a new exempt project into the TIP with \$1M in OBAG2-STP and \$220K in Local funds | \$1,079,000 | ~% |
| SCL110032 | Gilroy | Gilroy New Ronan Channel and Lions Creek Trails | Update the funding plan to add \$1M in FY16 CON Other Local funds | \$1,047,000 | 54.3% |

**TIP Revision Summary
2017-30**

Attachment 1

| TIP ID | Sponsor | Project Name | Description of Change | Funding Change (\$) | Funding Change (%) |
|-----------|---|--|---|---------------------|--------------------|
| SCL130001 | Santa Clara Valley Transportation Authority (VTA) | SR 237/US 101/Mathilda Interchange Modifications | Update the description to include bike and pedestrian improvements and update the funding plan to change the source for \$4M in funds from RTP-LRP to Other Local, add \$2M in Other Local and reprogram funds between years and phases | \$2,000,000 | 5.0% |
| SCL130007 | San Jose | Jackson Ave Bicycle and Pedestrian Improvements | Archive project as it has been completed | \$0 | 0.0% |
| SCL130032 | Sunnyvale | Sunnyvale SRTS Ped Infrastructure Improvements | Archive project as it has been completed | \$0 | 0.0% |
| SCL170029 | San Jose | Tully Road Safety Improvements | Amend a new exempt project into the TIP with \$7.6M in OBAG2-CMAQ, \$1M in OBAG2-STP and \$2.4M in Other Local funds | \$10,950,000 | ~% |
| SCL170030 | San Jose | McKee Road Safety Improvements | Amend a new exempt project into the TIP with \$8.6M in OBAG2-STP and \$2.4M in Other Local funds | \$10,980,000 | ~% |
| SCL170031 | San Jose | Mt Pleasant Ped & Bike Traffic Safety Improvements | Amend a new exempt project into the TIP with \$1M in OBAG2-CMAQ and \$260K in Other Local funds | \$1,260,000 | ~% |
| SCL170034 | Los Altos | Los Altos: Miramonte Ave Bike Ped Access Imps | Amend a new exempt project into the TIP with \$1.0M in OBAG1-CMAQ funds, \$581K in Other Local funds, and \$2.5M in RTP-LRP funds | \$4,081,200 | ~% |
| SCL170051 | Palo Alto | Palo Alto-EI Camino Real Ped Safety & Streetscape | Amend a new exempt project to the TIP with \$4.7M in OBAG2-CMAQ and \$709K in Other Local funds | \$5,364,000 | ~% |
| SCL170053 | Palo Alto | Waverley, E. Meadow & Fabian Enhanced Bikeways | Amend a new exempt project into the TIP with \$919K in OBAG2-CMAQ and \$480K in Other Local funds | \$1,399,000 | ~% |
| SCL170054 | Saratoga | Saratoga Village Crosswalks and Sidewalk Rehab | Amend a new exempt project into the TIP with \$338K in OBAG2-STP and \$84K in Other Local funds | \$422,000 | ~% |
| SCL170057 | Sunnyvale | Sunnyvale Ped and Bike Infrastructure Improvements | Amend a new exempt project into the TIP with \$919K in OBAG2-CMAQ and \$244K in Other Local funds | \$1,163,000 | ~% |
| SCL170058 | Gilroy | Downtown Monterey Road Rehabilitation | Amend a new exempt project into the TIP with \$1M in OBAG2-STP and \$308K in Other Local funds | \$1,336,400 | ~% |
| SCL170059 | Sunnyvale | Sunnyvale Safe Routes to School Improvements | Amend a new exempt project into the TIP with \$1.8M in ATP and \$473K in Local funds | \$2,362,000 | ~% |
| SM-170039 | San Mateo (City) | Laurie Meadows Ped/Bike Safety Improvements | Amend a new project into the TIP with \$987K in OBAG2-CMAQ and \$130K in Other Local funds | \$1,115,000 | ~% |
| SM-170040 | San Mateo (City) | San Mateo Street Rehabilitation | Amend a new exempt project into the TIP with \$1.6M in OBAG2-STP and \$207K in Other Local funds | \$1,800,000 | ~% |
| SM-170042 | Belmont | Ralston Avenue Corridor Segment 3 | Amend a new exempt project into the TIP with \$1M in OBAG2-CMAQ and \$500K in local funds | \$1,500,000 | ~% |
| SM-170043 | Belmont | Belmont Pavement Preservation | Amend a new exempt project into the TIP with \$467K in OBAG2-STP and \$133K in Other Local funds | \$600,000 | ~% |
| SM-170044 | Portola Valley | Portola Valley Street Preservation | Amend a new exempt project into the TIP with \$201K in OBAG2-STP and \$27K in Other Local funds | \$228,000 | ~% |
| SM-170045 | Redwood City | US 101/Woodside Road Class 1 Bikeway | Amend a new exempt project into the TIP with \$948K in OBAG2-CMAQ and \$284K in Other Local funds | \$1,232,000 | ~% |
| SOL170011 | Benicia | Benicia - Park Road Improvements | Amend a new exempt project into the TIP with \$2M in OBAG2-CMAQ, \$731K in OBAG2-STP, and \$3.1M in Other Local funds | \$5,858,000 | ~% |

**TIP Revision Summary
2017-30**

Attachment 1

| TIP ID | Sponsor | Project Name | Description of Change | Funding Change (\$) | Funding Change (%) |
|------------------------------------|--|---|--|---------------------|--------------------|
| SOL170012 | Vacaville | Vacaville - Pavement Preservation | Amend a new exempt project into the TIP with \$1.2M in OBAG2-STP, \$300K in CDBG, and \$710K in Other Local funds | \$2,203,000 | ~% |
| SOL170013 | Vacaville | Vaca Valley/I505 Multimodal Improvements | Amend a new exempt project to the TIP with \$1.9M in OBAG2-CMAQ funds, \$4.1M in Other Local funds and \$8M in RTP-LRP | \$13,957,000 | ~% |
| SOL170014 | Suisun City | New Railroad Avenue Pavement Rehabilitation | Amend a new exempt project into the TIP with \$491K in OBAG2-STP and \$64K in Other Local funds | \$555,000 | ~% |
| SOL170015 | Solano County | Solano County Roadway Preservation | Amend a new exempt project into the TIP with \$506K in OBAG2-STP and \$111K in Other Local funds | \$617,000 | ~% |
| SON170001 | Windsor | Windsor River Road/Windsor Road Intersection | Update the funding plan to add \$600K PE Local and reprogram PE from FY16 to FY18, reprogram \$2M CON Local from FY19 to FY21, change the source for \$450K in CON from RTP-LRP to STP and for \$2.55M in CON from RTP-LRP to CMAQ, and remove \$3.6M in CON RTP-LRP | -\$3,000,000 | -34.1% |
| SON170021 | Sebastopol | Bodega Avenue Bike Lanes and Pavement Rehab | Amend a new exempt project into the TIP with \$1.2M in OBAG2-STP, and \$1.5M in Other Local funds | \$2,656,729 | ~% |
| SON170022 | Sonoma (City) | Fryer Creek Pedestrian and Bicycle Bridge | Amend a new exempt project into the TIP with \$501K in OBAG2-CMAQ and \$139K in Other Local funds | \$640,000 | ~% |
| SON170023 | Santa Rosa | Santa Rosa Pavement Rehab of Various Streets | Amend a new exempt project into the TIP with \$1.7M in OBAG 2-STP and \$394K in Other Local funds | \$2,049,423 | ~% |
| SON170024 | Healdsburg | Healdsburg Avenue Complete Streets Improvements | Amend a new project into the TIP with \$600K in OBAG2-STP and \$650K in Other Local funds | \$1,250,000 | ~% |
| System: Public Lands/Trails | | | | | |
| SCL170052 | Santa Clara (City) | San Tomas Aquino Creek Trail Underpass | Amend a new exempt project into the TIP with \$2.4M in OBAG2-CMAQ and \$1.3K in Other Local funds | \$3,720,000 | ~% |
| SCL170055 | Santa Clara (City) | Hetch-Hetchy Trail Phase 1 | Amend a new exempt project into the TIP with \$790K in OBAG2-CMAQ and \$460K in Other Local funds | \$1,250,000 | ~% |
| SCL170056 | Santa Clara (City) | Santa Clara School Access Improvements | Amend a new exempt project into the TIP with \$1.1M in OBAG2-CMAQ and \$504K in Other Local funds | \$1,650,000 | ~% |
| SM-170041 | Brisbane | Crocker Trail Commuter Connectivity Upgrades | Amend a new exempt project to the TIP with \$885K in OBAG2-STP and \$265K in Other Local funds | \$1,150,000 | ~% |
| System: State Highway | | | | | |
| CC-130046 | Contra Costa Transportation Authority (CCTA) | I-680 / SR 4 Interchange Reconstruction - Phase 3 | Update the funding plan to add \$25.8M in RTP-LRP funds to reflect the full project cost and reprogram funds between years and phases | \$25,849,000 | 23.7% |
| SM-010047 | Menlo Park | US 101 / Willow Road Interchange Reconstruction | Update the funding plan to add \$19.6M in Sales Tax funds | \$19,600,000 | 35.0% |
| System: Transit | | | | | |
| NAP030005 | Napa Valley Transportation Authority | Napa: Bus Stop Improvements | Update the project description to include improvements at multi-modal facilities | \$0 | 0.0% |

Total Funding Change: \$74,051,359

TIP Revision Summary

Attachment 1

| | Federal | State | Regional | Local | Total | 2017 TIP Only |
|-----------|--------------|--------------|----------|---------------|---------------|---------------|
| Current: | \$25,015,058 | \$7,009,000 | \$0 | \$715,843,357 | \$747,867,415 | \$147,773,962 |
| Proposed: | \$98,847,331 | \$17,213,000 | \$0 | \$705,858,443 | \$821,918,774 | \$212,234,453 |
| Delta: | \$73,832,273 | \$10,204,000 | \$0 | -\$9,984,914 | \$74,051,359 | \$64,460,491 |

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 03/28/18-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 sheets dated September 13, 2017, November 8, 2017, January 10, 2018, and February 14, 2018, the Planning Committee summary sheet dated March 9, 2018 and the Programming & Allocations Committee summary sheet dated March 7, 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 |

ABSTRACT

MTC Resolution No. 4275, Revised

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| Revision # | Revision Type | # of Projects | Net Funding Change (\$) | MTC Approval Date | Final Approval Date |
|-------------------------|---------------|---------------|-------------------------|-------------------|---------------------|
| 2017-12 | 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 |
| 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 | 2/8/2018 |
| 2017-23 | Admin. Mod. | 45 | \$74,465,507 | 2/14/2018 | 2/14/2018 |
| 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 |
| 2017-28 | Amendment | 1 | \$362,998,000 | 3/28/2018 | Pending |
| 2017-29 | Admin. Mod. | Pending | Pending | Pending | Pending |
| 2017-30 | Amendment | 51 | \$74,051,359 | 3/28/2018 | Pending |
| Net Funding Change | | 893 | \$15,094,985,271 | | |
| Absolute Funding Change | | | \$15,137,471,445 | | |

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 (PM2.5) standard in December 2009, and MTC must demonstrate conformance to this standard through an interim emissions test until a PM2.5 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

Attachment A
Resolution No. 4275
Page 1 of 1

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

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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 03/28/18-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 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 Caltran'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 9, 2018, and final federal approval was received on February 8, 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 an administrative modification that revises 45 projects with a net funding increase of \$74 million. The revision was approved into the Federal-Statewide TIP by the deputy executive director on February 14, 2018. Among other changes, this revision:

- Updates the funding plan of 23 Federal Transit Administration (FTA) formula funded projects to reflect changes to the Transit Capital Priorities Program;
- Updates the funding plans of 19 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 plans of three Active Transportation Program (ATP) funded projects 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 \$5.7 million in ATP funds to reflect the net change in ATP funding over the four years of the TIP. MTC's 2017 TIP, as revised with Revision No. 2017-23, 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 2017-24 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 was received on February 1, 2018, and final federal approval is expected in early 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.

Revision 2017-28 is an amendment that revises the U.S. Highway 101 Managed Lanes Project in San Mateo County to maintain consistency with the Amended Plan Bay Area 2040, including a net increase in funding of approximately \$363 million. The revision was referred by the Planning Committee on March 9, 2018, and approved by the MTC Commission on March 28, 2018. Caltrans approval is expected in mid-April, 2018, and final federal approval is expected in late April, 2018. Changes made with this revision do not conflict with the financial constraint requirements. The revision of this project to the 2017 TIP requires a new Transportation-Air Quality Conformity Analysis on the Amended Plan Bay Area 2040 and the Amended 2017 TIP.

Revision 2017-29 is a pending administrative modification.

Revision 2017-30 is an amendment that revises 51 projects with a net funding increase of approximately \$74 million. The revision was referred by the Programming and Allocations Committee on March 7, 2018, and approved by the MTC Commission on March 28, 2018. Caltrans approval is expected in mid-April, 2018, and final federal approval is expected in mid-May, 2018. Among other changes, this revision:

- Amends 34 new projects into the TIP and updates the funding plans of three existing projects to reflect the adoption of the One Bay Area Grant Program 2 (OBAG2) County program;
- Amends two other new projects into the TIP;
- Archives two projects as they have been completed;
- Splits the Port of Oakland's 7th St. Grade Separation and Port Arterial Improvements project into three separate projects; and
- Add \$25.8 million to the cost of the Contra Costa Transportation Authority's I-680/SR-4 Interchange Reconstruction-Phase 3 project to reflect the full project cost.

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