

**Metropolitan Transportation Commission
Programming and Allocations Committee**

October 9, 2019

Agenda Item 2d

MTC Resolution Nos. 4375, Revised

Subject: 2019 Transportation Improvement Program (TIP) Amendment 2019-23.

Background: The federally required TIP is a comprehensive listing of Bay Area surface transportation projects that receive federal funds, are subject to a federally required action or are regionally significant. MTC, as the federally designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area Region, must prepare and adopt the TIP at least once every two years. The 2019 TIP, covering the four-year period from FY 2018-19 through 2021-22, was adopted by the Commission on September 26, 2018, and approved by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on December 17, 2018. The 2019 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 MTC's website at: <http://mtc.ca.gov/our-work/fund-invest/transportation-improvement-program>.

Amendment 2019-23 makes revisions to six projects with a net funding increase of approximately \$185 million. Among other changes, this revision:

- Updates the funding plans of the Clipper and Clipper 2.0 Fare Payment System projects to reflect the allocations of funds between the two projects and to reflect the total cost of the Clipper 2.0 project as approved by the Commission in September 2018;
- Deletes one exempt project from the TIP;
- Adds one previously archived project back into the TIP; and
- Updates the funding plan and back-up listing of the Caltrans-managed State Highway Operation and Protection Program (SHOPP) – Minor Program grouped listing to reflect the latest programming decisions.

The revisions made with this amendment do not conflict with the financial constraint requirements of the TIP, and therefore the 2019 TIP remains financially constrained with this amendment.

The 2019 TIP is also designed such that, once implemented, it makes progress toward achieving the performance targets established per federal regulations.

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 (Attachment 1) and is also available in the MTC offices at 375 Beale Street, San Francisco, CA, and is posted on the Internet at: <http://mtc.ca.gov/our-work/fund-invest/tip/tip-revisions-and-amendments>.

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

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

Issues: None.

Recommendation: Refer MTC Resolution No. 4375, Revised to the Commission for approval.

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2019-23; and
MTC Resolution No. 4375, Revised



Therese W. McMillan

TIP Revision Summary
2019-23

ATTACHMENT 1

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: Local Road					
SCL170034	Los Altos	Los Altos: Miramonte Ave Bike and Ped Access Imps	Delete project as it will not move forward as a federal project and the funds have been redirected. The federal funds will be re-programmed through a future TIP revision	-\$4,081,200	-100.0%
SM-170042	Belmont	Ralston Avenue Corridor Bike-Ped Imps	Update the project description to include pavement maintenance as a federally non-participating element of the project scope and add \$300K in Local CON funds	\$300,000	20.0%
System: State Highway					
SM-090008	San Carlos	US101/Holly St I/C Mod and Bike/Ped Overcrossing	Amend a previously archived project back into the TIP and reprogram CON funds to FY19	\$0	0.0%
VAR190001	Caltrans	GL: Pvmr Resurf/Rehab State Hwy Sys - SHOPP Minor	Update the funding plan to reflect the latest information from Caltrans including the addition of \$7.54M in SHOPP funds	\$7,540,000	69.8%
System: Transit					
REG090045	Metropolitan Transportation Commission (MTC)	Clipper Fare Collection System	Update the funding plan to remove \$2.3M in STP and \$1.8M in CMAQ funds as they are being transferred to REG170022 to better align with the scope of the grants	-\$4,100,000	-3.1%
REG170022	Metropolitan Transportation Commission (MTC)	Clipper@ 2.0 Fare Payment System	Update funding plan to add \$1.8M CMAQ and \$2.3M STP from REG090045, \$9.6M Bridge Tolls, \$3.8M LCTOP, \$398K Prop-1B, \$10.2M SB1-SGR, \$850K Local and \$156M RTP-LRP as approved by the Commission in September 2018, and reprogram existing funds between years	\$185,355,358	299.1%
Total Funding Change:				\$185,014,158	

TIP Revision Summary

	Federal	State	Regional	Local	Total	2019 TIP Only
Current:	\$142,105,448	\$15,009,000	\$36,153,600	\$48,340,249	\$241,608,297	\$75,523,642
Proposed:	\$141,105,448	\$36,917,929	\$45,753,600	\$202,845,478	\$426,622,455	\$132,152,571
Delta:	-\$1,000,000	\$21,908,929	\$9,600,000	\$154,505,229	\$185,014,158	\$56,628,929

Date: September 26, 2018
W.I.: 1512
Referred by: PAC
Revised: 12/19/18-C 01/23/19-C
02/27/19-C 03/27/19-C
04/24/19-C 05/22/19-C
06/26/19-C 07/24/19-C
09/25/19-C 10/23/19-C

ABSTRACT

Resolution No. 4375, Revised

This resolution adopts the 2019 Transportation Improvement Program (TIP) for the San Francisco Bay Area.

Further discussion of the 2019 TIP adoption is contained in the Programming & Allocations Committee summary sheets dated September 12, 2018, December 12, 2018, January 9, 2019, February 13, 2019, March 6, 2019, April 14, 2019, May 8, 2019, June 12, 2019, July 10, 2019, September 4, 2019, and October 9, 2019. This resolution was revised as outlined below. Additional information on each revision is included in attachment B: ‘Revisions to the 2019 TIP’.

2019 TIP Revisions

Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2019-01	Admin. Mod.	52	\$36,741,847	12/19/2018	12/19/2018
2019-02	Admin. Mod.	12	\$7,296,176	2/1/2019	2/1/2019
2019-03	Amendment	40	\$155,338,096	12/19/2018	2/5/2019
2019-04	Admin. Mod.	10	\$5,506,382	3/5/2019	3/5/2019
2019-05	Amendment	3	\$22,503,964	1/23/2019	2/19/2019
2019-06	Amendment	2	\$15,814,128	1/23/2019	2/15/2019
2019-07	Admin. Mod.	19	\$11,050,370	3/28/2019	3/28/2019
2019-08	Amendment	12	-\$25,513,326	2/27/2019	4/3/2019
2019-09	Admin. Mod.	7	\$1,547,102	5/6/2019	5/6/2019
2019-10	Amendment	4	-\$18,724,000	3/27/2019	4/24/2019
2019-11	Admin. Mod.	46	-\$10,610,187	6/6/2019	6/6/2019
2019-12	Amendment	4	\$13,699,781	4/24/2019	6/6/2019
2019-13	Admin. Mod.	22	\$15,402,477	7/3/2019	7/3/2019

ABSTRACT

MTC Resolution No. 4375, Revised

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Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2019-14	Amendment	25	\$801,633,123	5/22/2019	6/27/2019
2019-15	Admin. Mod.	11	9,525,440	8/13/2019	8/13/2019
2019-16	Amendment	8	\$21,335,503	6/26/2019	8/26/2019
2019-17	Admin. Mod.	11	-\$7,160,690	8/29/2019	8/29/2019
2019-18	Amendment	9	\$115,165,869	7/24/2019	Pending
2019-19	Admin. Mod.	Pending	Pending	Pending	Pending
2019-20	Admin. Mod.	Pending	Pending	Pending	Pending
2019-21	Amendment	15	\$-141,949,908	9/25/2019	Pending
2019-22	Admin. Mod.	Pending	Pending	Pending	Pending
2019-23	Amendment	6	\$185,014,158	10/23/2019	Pending
Net Funding Change		318	\$1,213,616,305		
Absolute Funding Change			\$1,621,532,527		

Date: September 26, 2018
W.I.: 1512
Referred by: PAC

Re: Adoption of the 2019 Transportation Improvement Program (TIP)

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 4375

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, Section 65074 of the California Government Code requires all state MPOs to update their TIPS concurrently every even year; 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 §450.326(k)) 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 §450.326) require that the TIP be designed such that once implemented, it makes progress toward achieving the performance targets established under §450.306(d) and that the TIP shall include, to the maximum extent practicable, a description of the anticipated effect of the TIP toward achieving the performance targets identified in the metropolitan transportation plan, linking investment priorities to those performance targets; 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 §450.332(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 450.332(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. 4374 that the 2019 TIP, as set forth in this resolution, conforms to the applicable provisions of the SIP for the San Francisco Bay Area; and

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

RESOLVED, that MTC adopts the 2019 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 2019 TIP in cooperation with the Bay Area County Transportation 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 2019 TIP was developed in accordance with the region's Public Participation Plan and consultation process (MTC Resolution No. 4174, Revised) as required by Federal Regulations (23 CFR §450.316); and, be it further

RESOLVED, that the projects and programs included in the 2019 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 2019 TIP is financially constrained, by year, to reasonable estimates of available federal, state and local transportation funds; and, be it further

RESOLVED, that the 2019 TIP makes progress toward achieving the performance targets established under §450.306(d); 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 450.332(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 participation process conducted for the 2019 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 2019 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 to the emissions test for the national fine particulate matter standard (MTC Resolution No. 4374); and, be it further

RESOLVED, that the projects and programs included in the 2019 TIP do not interfere with the timely implementation of the traffic control measures (TCMs) contained in the SIP; and, be it further

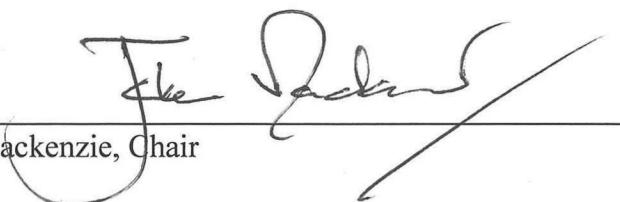
RESOLVED, that MTC finds all regionally significant capacity-increasing projects included in the 2019 TIP are consistent with the Amended Plan Bay Area 2040 (the 2040 Regional Transportation Plan including the Sustainable Communities Strategy for the San Francisco Bay Area) and, be it further

RESOLVED, that revisions to the 2019 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. 4375, 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



Jake Mackenzie, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in San Francisco, California, on September 26, 2018.

Date: September 26, 2018
W.I.: 1512
Referred by: PAC

Attachment A
Resolution No. 4375
Page 1 of 1

2019 Transportation Improvement Program

The 2019 Transportation Improvement Program for the San Francisco Bay Area, adopted September 26, 2018, is comprised of the following, incorporated herein as though set forth at length:

- A Guide to the 2019 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 2019 TIP Investment Analysis: Focus on Low-Income and Minority Communities
- The 2019 TIP Performance Report

Date: September 26, 2018
W.I.: 1512
Referred by: PAC
Revised: 12/19/18-C 01/23/19-C
02/27/19-C 03/27/19-C
04/24/19-C 05/22/19-C
06/26/19-C 07/24/19-C
09/25/19-C 10/23/19-C

Attachment B
Resolution No. 4375, Revised
Page 1 of 9

Revisions to the 2019 TIP

Revisions to the 2019 Transportation Improvement Program (TIP) will be included as they are approved.

Revision 2019-01 is an administrative modification that revises 52 projects with a net funding increase of approximately \$36.7 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on December 19, 2018. Among other changes, this revision:

- Updates the funding plans of 36 Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect obligations and programming decisions;
- Updates the funding plan of the Santa Clara Valley Transportation Authority's US-101 Express Lanes in Santa Clara County project to reflect the programming of \$3.3 million in repurposed earmark funds;
- Updates the funding plan and back-up listing of the Caltrans-managed local Highway Bridge Program (HBP) grouped listing and updates the funding plans of eight individually listed HBP-funded projects to reflect the latest information from Caltrans; and
- Updates the funding plan and back-up listing of the State Highway Operation and Protection Program (SHOPP) Collision Reduction 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 \$3.3 million in repurposed earmark funds, \$17.4 million in HBP funds and \$5.3 million in SHOPP funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-01, 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 2019-02 is an administrative modification that revises 12 projects with a net funding increase of approximately \$7.3 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on February 1, 2019. 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, one Road Repair and Accountability Act (SB1) and State Transportation Improvement Program funded project, and one High Priority Program earmark funded project to reflect the latest programming decisions; and
- Updates the funding plan and back-up listing of the State Highway Operation and Protection Program (SHOPP) Collision Reduction 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 \$421,807 in High Priority Program earmark funds, \$207,000 in SB1 funds and \$6 million in SHOPP funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-02, 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 2019-03 is an amendment that revises 40 projects with a net funding increase of approximately \$155 million. The revision was referred by the Programming and Allocations Committee on December 12, 2018, and approved by the MTC Commission on December 19, 2018. Caltrans approval was received on January 15, 2019, and final federal approval was received on February 5, 2019. Among other changes, this revision:

- Updates the funding plans of six Highway Bridge Program funded projects to reflect the latest programming information from Caltrans;
- Adds two new exempt projects and one new non-exempt not regionally significant project, deletes an existing exempt project and updates the funding plans of 14 additional projects to reflect Surface Transportation Block Grant / Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) programming decisions and obligations;
- Adds one new grouped listing and updates the funding plans and back up listings of three existing grouped listings to reflect the latest information from Caltrans;
- Adds three additional new exempt projects to the TIP; and
- Carries forward two exempt projects and two grouped listings from the 2017 TIP.

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

Revision 2019-04 is an administrative modification that revises ten projects with a net funding increase of approximately \$5.5 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on March 5, 2019. Among other changes, this revision:

- Updates the funding plans of four Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions, including the exchange of approximately \$16 million in STP/CMAQ and an equal amount of sales tax proceeds between San Francisco's Better Market Street project and SFMTA's New Central Subway project;

- Also updates the funding plan of the Better Market Street project to reflect the award of \$15 million in Better Using Investments to Leverage Development (BUILD) grant funds;
- Combines the two Innovative Deployments to Enhance Arterials program listings into a single listing;
- Splits out near-term, High Priority Program-funded improvements from Alameda County's Vasco Road Safety Improvements project; and
- Updates the funding plan and back-up listing of the Lifeline Transportation Program – Cycle 5 grouped listing to reflect the programming of additional Federal Transit Administration Section 5307 funds and State Transit Assistance program funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$15 million in BUILD funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-04, 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 2019-05 is an amendment that revises three projects with a net funding increase of approximately \$22.5 million. The revision was referred by the Programming and Allocations Committee on January 9, 2019, and approved by the MTC Commission on January 23, 2019. Caltrans was received on February 6, 2019, and final federal approval was received on February 19, 2019. Among other changes, this revision updates the funding plan and back-up listing of the Caltrans managed Highway Safety Improvement Program grouped listing. Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2019-06 is an amendment that revises two projects with a net funding increase of approximately \$15.8 million. The revision was proposed subsequent to the Programming and Allocations Committee review of Revision 2019-05 on January 9, 2019 and was approved by the MTC Commission on January 23, 2019. Caltrans approval was received on February 6, 2019, and final federal approval was received on February 15, 2019. Among other changes, this revision:

- Adds one Federal Transit Administration Bus and Bus Facilities Program and Low or No Emission Vehicle Program funded Fairfield and Suisun Transit project to the TIP; and
- Adds the San Joaquin Regional Rail Commission's Oakley Station Platform project to reflect the award of Transit and Intercity Rail Capital Program funds.

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

Revision 2019-07 is an administrative modification that revises 19 projects with a net funding increase of approximately \$11 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on March 28, 2019. Among other changes, this revision:

- Updates the funding plan of the Golden Gate Bridge Suicide Deterrent Safety Barrier project to reflect the programming of approximately \$45.2 million in Federal Highway

Infrastructure Program (FHIP) funds in lieu of Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) Cycle 1 and One Bay Area Grant 2 (OBAG2) funds;

- Updates the funding plans of nine other STP/CMAQ funded projects and one High Priority Program Earmark (HPP) funded project to reflect planned obligations;
- Updates the funding plan of San Rafael's Francisco Blvd West Multi-Use Pathway project to reflect the programming of Regional Measure 2 (RM2) and Transportation Fund for Clean Air (TFCA) funds; and
- Updates the funding plans and back-up listings of the State Highway Operation and Protection Program (SHOPP) Collision Reduction, Local Highway Bridge Program (HBP) and FTA Section 5311 Fiscal Years 2018/19 and 2019/20 grouped listings 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 \$45.2 million in FHIP funds, \$2.4 million in HPP funds, \$248,400 in TFCA funds, \$6.3 million in SHOPP funds, and \$283,186 in FTA Section 5311f funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-07, 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 2019-08 is an amendment that revises 12 projects with a net funding decrease of approximately \$25.5 million. The revision was referred by the Programming and Allocations Committee on February 13, 2019, and approved by the MTC Commission on February 27, 2019. Caltrans approval was received on March 13, 2019, and final federal approval was received on April 3, 2019. Among other changes, this revision:

- Adds one new exempt project and updates the funding plan of one other project to reflect the award of Federal Transit Administration Bus and Bus Facilities Infrastructure Investment Program discretionary grants;
- Updates the funding plan of the Solano Transportation Authority's I-80/I-680/SR-12 Interchange Improvements project to reflect the award of Trade Corridor Enhancement Program funds;
- Updates the funding plans of two Altamont Corridor Express projects to reflect the award of Transit and Intercity Rail Capital Program funds;
- Archives three implemented projects; and
- Deletes three projects that will not move forward as federal projects.

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

Revision 2019-09 is an administrative modification that revises seven projects with a net funding increase of approximately \$1.5 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on May 6, 2019. Among other changes, this revision:

- Updates the funding plan of three Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest project schedules; and
- Updates the funding plans of two Road Repair and Accountability Act (SB1) 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 \$1.77 million in SB1 funds and \$165,452 in CalRecycle funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-09, 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 2019-10 is an amendment that revises four projects with a net funding decrease of approximately \$18.7 million. The revision was referred by the Programming and Allocations Committee on March 6, 2019, and approved by the MTC Commission on March 27, 2019. Caltrans approval was received on April 5, 2019, and final federal approval was received on April 24, 2019. Among other changes, this revision:

- Amends one new exempt project into the TIP; and
- Archives one project.

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

Revision 2019-11 is an administrative modification that revises seven projects with a net funding decrease of approximately \$10.6 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on June 6, 2019. Among other changes, this revision:

- Updates the funding plans of 36 Transit Capital Priorities Program funded projects to reflect the latest programming decisions;
- 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 project schedules;
- Updates the funding plan of the Contra Costa Transportation Authority's New State Highway (SR-239) Study project to reflect the programming of unexpended High Priority Program and Transportation Improvement earmark funds; and
- Updates the Water Emergency Transportation Authority's San Francisco Ferry Terminal/Berthing Facilities project to reflect the programming of FHWA Ferry Boat Program (FBP) funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$597,635 in High Priority Program earmark funds, \$4.4 million in Transportation Improvement earmark funds, \$877,388 in FBP funds, \$311,764 in Low Carbon Transit Operations program funds, \$976,000 in Proposition 1B funds, and \$216,827 in SB1 funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-11, 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 2019-12 is an amendment that revises four projects with a net funding increase of approximately \$13.7 million. The revision was referred by the Programming and Allocations Committee on April 10, 2019, and approved by the MTC Commission on April 24, 2019. Caltrans approval was received on May 8, 2019, and final federal approval was received on June 6, 2019. Among other changes, this revision:

- Reprograms Congestion Mitigation and Air Quality Improvement (CMAQ) program funds available through the Transit Performance Initiative – Capital Investment Program from VTA’s Santa Clara Pocket Track Light Rail Interlocking project to their Light Rail Track Crossovers and Switches project and deletes the interlocking project; and
- Updates the funding plan and back-up listing for the State Highway Operations and Protection Program (SHOPP) Emergency Response program to reflect the latest information from Caltrans including the addition of \$14.6 million in SHOPP funds.

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

Revision 2019-13 is an administrative modification that revises 22 projects with a net funding increase of approximately \$15.4 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on July 3, 2019. Among other changes, this revision:

- Updates the funding plans of 13 projects to reflect programming changes in the Active Transportation Program (ATP);
- Updates the funding plans of four 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 the Caltrans-managed Pavement Resurfacing and Rehabilitation for the State Highway System grouped listing;
- Updates the funding plan of the Sonoma Marin Area Rail Transit corridor project to reflect the award of \$5 million in Federal Railroad Administration (FRA) Positive Train Control (PTC) funds; and
- Updates Bay Area Rapid Transit’s Transbay Core Capacity Improvements project to reflect the award of \$300 million in Federal Transit Administration (FTA) Core Capacity grant funds.

The administrative modification is financially constrained by year and MTC relies on the State’s programming capacity in the amount of \$300 million in FTA Core Capacity funds, \$3.8 million in ATP funds, \$5 million in FRA PTC funds and \$24,540 in California Natural Resources Agency Urban Greening funds to reflect the net change in funding over the four years of the TIP. MTC’s 2019 TIP, as revised with Revision No. 2019-13, 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 2019-14 is an amendment that revises 25 projects with a net funding increase of approximately \$802 million. The revision was referred by the Programming and Allocations Committee on May 8, 2019, and approved by the MTC Commission on May 22, 2019. Caltrans approval was received on June 12, 2019, and final federal approval was received on June 27, 2019. Most notable from a dollar standpoint is the addition of replacement and expansion vehicles as part of SFMTA's Light Rail Vehicle Procurement. Among other changes, this revision adds eight new exempt projects to the TIP, updates the funding plans of 13 existing projects and deletes three projects from the TIP to reflect changes in the Transit Capital Priorities (TCP) Program. Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

Revision 2019-15 is an administrative modification that revises 11 projects with a net funding increase of approximately \$9.5 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on August 13, 2019. 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 and obligations;
- Updates the funding plan and back-up listing of the State Highway Operation and Protection Program (SHOPP) – Mobility Program grouped listing to reflect the latest information from Caltrans including the addition of a total of \$9.5 million in SHOPP funds;
- Updates the funding plan of the Golden Gate Bridge Highway and Transportation District's Ferry Propulsion Systems Replacement project to reflect the programming of \$680,815 in Construction of Ferry Boats and Ferry Terminal Facilities Formula Program (FBP) funds; and
- Updates the funding plan of Solano County's Redwood – Fairgrounds Drive Interchange Improvements project to reflect the programming of \$26,573 in High Priority Program (HPP) funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$16.8 million in SHOPP funds, \$26,573 in HPP funds, and \$680,815 in FBP funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-15, 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 2019-16 is an amendment that revises eight projects with a net funding increase of approximately \$21.3 million. The revision was referred by the Programming and Allocations Committee on June 12, 2019, and approved by the MTC Commission on June 26, 2019. Caltrans approval was received on August 7, 2019, and final federal approval was received on August 26, 2019. Among other changes, this revision:

- Updates the funding plan and back-up listing of the State Highway Operations and Protection Program (SHOPP) Collision Reduction program to reflect the latest information from Caltrans including the addition of \$11.7 million in SHOPP funds;

- Archives three projects as they have been completed or all federal funding for the project has been obligated; and
- Adds one new exempt project.

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

Revision 2019-17 is an administrative modification that revises 11 projects with a net funding decrease of approximately \$7.2 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on August 29, 2019. Among other changes, this revision:

- Updates the funding plans of three Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects, one Active Transportation Program (ATP) funded project, and two earmark funded projects to reflect the latest programming decisions and obligations;
- Updates the funding plan and back-up listing of the Marin County - Traffic Operating Systems and Mobility grouped listing to reflect the latest information from Caltrans including the addition of \$97,649 in Construction of Ferry Boats and Ferry Terminal Facilities Formula Program (FBP) funds; and
- Updates the funding plans of two Solano County Transit (Soltrans) projects to reflect the programming of additional Transit Capital Priorities funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$9 million in Highway Bridge Program earmark funds and \$97,649 in FBP funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-17, 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 2019-18 is an amendment that revises nine projects with a net funding increase of approximately \$115 million. The revision was referred by the Programming and Allocations Committee on July 10, 2019, and approved by the MTC Commission on July 24, 2019. Caltrans approval was expected in mid-September 2019, and final federal approval was expected in late-September 2019. Among other changes, this revision:

- Amends four new exempt projects into the TIP and updates one existing project to reflect the recent CTC approval of Regional Active Transportation Program (rATP), Cycle 4;
- Amends San Jose's Better Bikeway San Jose – San Fernando Street project into the TIP to reflect the award of Statewide Competitive ATP funds; and
- Updates the funding plan of the Caltrans managed Highway Bridge Program grouped listing.

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

Revision 2019-19 and Revision 2019-20 are pending administrative modifications.

Revision 2019-21 is an amendment that revises 15 projects with a net funding decrease of approximately \$142 million. The revision was referred by the Programming and Allocations Committee on September 4, 2019, and approved by the MTC Commission on September 25, 2019. Caltrans approval is expected in late October 2019, and final federal approval is expected in mid-November 2019. Among other changes, this revision:

- Amends two new exempt projects and the preliminary engineering phase of one non-exempt project into the TIP and updates the funding plans of four existing Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) projects to reflect the latest programming decisions;
- Deletes two existing projects as they will not move forward as federal projects; and
- Updates the funding plans and back-up listings of four State Highway Operation and Protection Program (SHOPP) funded grouped listings to reflect the latest information from Caltrans including the addition of \$107 million in SHOPP funds.

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

Revision 2019-22 is a pending administrative modification.

Revision 2019-23 is an amendment that revises six projects with a net funding increase of approximately \$185 million. The revision was referred by the Programming and Allocations Committee on October 9, 2019, and approved by the MTC Commission on October 23, 2019. Caltrans approval is expected in late November 2019, and final federal approval is expected in mid-December 2019. Among other changes, this revision:

- Updates the funding plans of the Clipper and Clipper 2.0 Fare Payment System projects to reflect the allocations of funds between the two projects and to reflect the total cost of the Clipper 2.0 project;
- Deletes one exempt project from the TIP;
- Adds one previously archived project back into the TIP; and
- Updates the funding plan and back-up listing of the Caltrans-managed State Highway Operation and Protection Program (SHOPP) – Minor Program funded grouped listing to reflect the latest programming decisions.

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