

Metropolitan Transportation Commission Programming and Allocations Committee

May 12, 2021

Agenda Item 2e - 21-0561

MTC Resolution No. 4475, Revised

Subject: 2021 Transportation Improvement Program (TIP) Amendment 2021-05.

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. As required by state statutes, MTC, as the federally designated Metropolitan Planning Organization (MPO) for the nine-county San Francisco Bay Area Region, must prepare and adopt the TIP every two years. The 2021 TIP, covering the four-year period from FY 2020-21 through 2023-24, was adopted by the Commission on February 24, 2021, and was approved by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) on April 16, 2021. The 2021 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 2021-05 makes revisions to 22 projects with a net funding increase of approximately \$733 million. Among other changes, this revision will:

- Update the funding plans of eight projects, add one new exempt project, and add one new grouped listing to reflect the adoption of the latest round of the Transit Capital Priorities Program;
- Update the total cost of the Golden Gate Bridge Seismic Retrofit Phase 3B project by adding \$605 million in uncommitted funding outside of the active years of the 2021 TIP;
- Add one new exempt regional Surface Transportation Block Grant Program (STP) funded project, update the scope of one existing STP funded project, and archive one completed STP funded project;
- Add one new exempt Active Transportation Program funded project;
- Add one new Federal Lands Highways Program and Tribal Transportation Program funded grouped listing to the TIP; and
- Update the funding plans of six projects to add funding to the active years of the TIP.

The revisions made with this amendment do not conflict with the financial constraint requirements of the TIP, and therefore the 2021 TIP remains financially constrained with this amendment.

The 2021 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>.

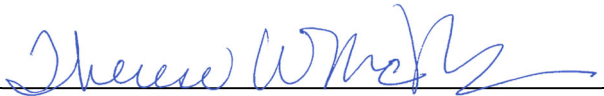
The TIP public participation process also serves to satisfy the public involvement requirements of the FTA annual Program of Projects, for applicable funds.

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. 4475, Revised to the Commission for approval.

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2021-05
MTC Resolution No. 4475, Revised


Therese W. McMillan

**TIP Revision Summary
2021-05**

Attachment 1

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: Local Road					
ALA110033	Alameda County Transportation Commission (ACTC)	Alameda County Safe Routes to School	Update the funding plan to add \$2M in Local funds	\$2,000,000	8.1%
NAP170004	Napa Valley Transportation Authority	Napa County Safe Routes to Schools	Update the funding plan to add \$113K in FY21 Local funds	\$113,000	13.9%
SCL050082	San Jose	Bay Trail Reach 9 & 9B	Update the funding plan to reprogram \$50K in ROW Earmark-HPP and \$13K in ROW Local from FY20 to FY21 and \$80K in CON Earmark-HPP and \$20K in CON Local from FY20 to FY22 and add \$37K in FY21 ROW Local	\$37,000	0.4%
SCL110029	San Jose	San Jose: Los Gatos Creek Reach 5 Underpass	Update the funding plan to reprogram \$100K in ROW Local funds from FY16 to FY21	\$0	0.0%
SCL170039	Milpitas	Street Resurfacing 2020 & 2021	Update the funding plan to reprogram \$338K in CON STP from FY20 to FY21 and archive this project as all funding has been obligated	\$0	0.0%
SCL170063	Morgan Hill	Dunne Avenue Pavement Rehabilitation	Update the project scope	\$0	0.0%
SCL210005	Santa Clara County	Active and Safe Routes to a Healthier City	Amend a new exempt project into the TIP with \$2.5M in ATP funds	\$2,510,000	~%
SF-170023	San Francisco Municipal Transport Agency (SFMTA)	SF Safe Routes to School Non-Infrastructure	Amend this project back into the TIP and update the funding plan to add \$2.5M in FY22 Local funds	\$2,500,000	78.7%
SOL210001	Fairfield	Fairfield - Cadenasso Drive Paving	Amend a new exempt project into the TIP with \$1.4M in STP and \$666K in Local funds	\$2,060,000	~%
SON110025	Sonoma County	Replace Hauser Bridge over Gualala River 20C0240	Update the funding plan to reprogram \$106K in PE HBP and \$321K in CON HBP from FY20 to FY21 based on the latest information from Caltrans	\$0	0.0%
VAR210002	Caltrans	GL: Fed Lands Highways Pgm-Tribal Transport Pgm	Amend a new grouped listing into the TIP along with \$25M in FLHP funds and \$1.6M in TTP funds	\$27,028,660	~%
System: Tollway					
MRN050018	Golden Gate Bridge, Highway and Transit District	Golden Gate Bridge Seismic Retrofit, Phase 3B	Update the funding plan to add \$605M in RTP-LRP funds to reflect the total cost of the project	\$604,939,010	439.3%
System: Transit					
ALA090065	Bay Area Rapid Transit District (BART)	BART: Fare Collection Equipment	Update funding plan to add \$13.4M in FY21 CON 5337 and \$3.3M in FY21 CON Local funds	\$16,700,000	26.9%
ALA210007	Alameda Contra Costa Transit District (AC Transit)	AC Transit Replacement of Transbay Buses	Amend a new exempt project into the TIP with \$13M in RIP, \$2.9M in 5307 and \$724K in Local funds	\$16,743,200	~%
BRT030004	Bay Area Rapid Transit District (BART)	BART Train Control Renovation	Update funding plan to add \$10.2M in FY21 CON 5337 and \$2.6M in FY21 CON Local funds	\$12,800,000	4.8%

**TIP Revision Summary
2021-05**

Attachment 1

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
BRT030005	Bay Area Rapid Transit District (BART)	BART: Traction Power System Renovation	Update the funding plan to add \$10.2M in FY21 CON 5337 and \$2.56M in FY21 CON Local funds	\$12,800,000	5.6%
BRT97100B	Bay Area Rapid Transit District (BART)	BART: Rail, Way and Structures Program	Update funding plan to add \$17.4M in FY21 CON 5337 and \$4.4M in FY21 CON Local funds	\$21,757,500	7.3%
BRT99T01B	Bay Area Rapid Transit District (BART)	BART:ADA Paratransit Capital Accessibility Improve	Update the funding plan to add \$2.6M in FY21 CON 5307 and \$653K in FY21 CON Local funds	\$3,263,481	6.1%
CC-99T001	Central Contra Costa Transit Agency (CCCTA)	CCCTA: ADA Paratransit Assistance	Update the funding plan to add \$1.4M in FY21 5307 and \$352K in FY21 Local funds	\$1,760,334	7.4%
REG170022	Metropolitan Transportation Commission (MTC)	Clipper® 2.0 Fare Payment System	Update the funding plan to change the source and program year for \$48M in CON funds from FY25 RTP-LRP to FY21 5307 and for \$12M in CON from FY25 RTP-LRP to FY21 SB1-SGR	\$0	0.0%
SON170006	Sonoma County Transit	Sonoma County Transit: Replace 2009 CNG Buses	Update the project scope to reflect the replacement of more buses and update the funding plan to add \$528K in 5307, \$212K in 5339 and \$520K in Local funds	\$1,259,176	56.9%
VAR210001	Metropolitan Transportation Commission (MTC)	GL: FTA 5311 Rural Area FY21	Amend a new grouped listing into the TIP with \$2M in 5311 and \$2.9M in Local funds	\$4,883,750	~%

Total Funding Change: \$733,155,111

TIP Revision Summary

	Federal	State	Regional	Local	Total	2021 TIP Only
Current:	\$898,515,180	\$36,066,929	\$44,000,000	\$393,196,908	\$1,371,779,017	\$65,334,917
Proposed:	\$1,048,661,513	\$50,512,093	\$44,000,000	\$961,760,522	\$2,104,934,128	\$253,130,460
Delta:	\$150,146,333	\$14,445,164	\$0	\$568,563,614	\$733,155,111	\$187,795,543

Date: February 24, 2021
W.I.: 1512
Referred by: PAC
Revised: 04/28/21-C 05/26/21-C

ABSTRACT

Resolution No. 4475, Revised

This resolution adopts the 2021 Transportation Improvement Program (TIP) for the San Francisco Bay Area, and supporting documents as listed in Attachment A.

Subsequent revisions are listed below and described further in Attachment B to this resolution.

Further discussion of the 2021 TIP adoption is contained in the summary to the Programming & Allocations Committee dated November 4, 2020, February 10, 2021, April 14, 2021, and May 12, 2021. This resolution was revised as outlined below. Additional information on each revision is included in Attachment B: 'Revisions to the 2021 TIP'.

2021 TIP Revisions

Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2021-01	Admin. Mod.	Pending	Pending	Pending	Pending
2021-02	Admin. Mod.	Pending	Pending	Pending	Pending
2021-03	Amendment	57	\$366,721,065	4/28/2021	Pending
2021-04	Admin. Mod.	Pending	Pending	Pending	Pending
2021-05	Amendment	22	\$733,155,111	5/26/2021	Pending
Net Funding Change		79	\$1,099,876,176		
Absolute Funding Change		79	\$1,099,876,176		

Date: February 24, 2021
W.I.: 1512
Referred by: PAC

Re: 2021 Federal Transportation Improvement Program (TIP)

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 4475

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, except for 2020; 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, Revised), 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, federal regulations prescribe the timely use of federal apportionment and obligation authority; and

WHEREAS, federal regulations (23 CFR §630.106) prescribe the timely expenditure, invoicing and reimbursement of federally obligated transportation funds; and

WHEREAS, state statutes (Streets and Highways Code Section 182), and California Transportation Commission (CTC) policies and guidance prescribe requirements for the timely use of federal and state funds; and

WHEREAS, MTC has adopted the regional project funding policy (MTC Resolution 3606, Revised) prescribing management practices, expectations and requirements on state and federal funds coming to the region in order to meet federal and state timely use of funds requirements; and

WHEREAS, MTC has found in MTC Resolution No. 4374 that the 2021 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 2021 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 2021 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 2021 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 2021 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 2021 TIP is financially constrained, by year, to reasonable estimates of available federal, state and local transportation funds; and, be it further

RESOLVED, that the 2021 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 projects and project sponsors with funds programmed in the federal TIP must comply with the provisions and requirements of the regional project funding delivery policy, MTC Resolution 3603, 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 2021 TIP satisfies the public involvement requirements of the FTA annual Program of Projects for applicable fund sources; 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, Revised); and, be it further

RESOLVED, that MTC finds that the 2021 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. 4474); and, be it further

RESOLVED, that the projects and programs included in the 2021 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 2021 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 2021 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. 4475, 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, Revised) 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 upon request.

METROPOLITAN TRANSPORTATION COMMISSION

A handwritten signature in dark ink, appearing to be 'AP' followed by a long horizontal stroke.

Alfredo Pedroza, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at a regular meeting of the Commission held in San Francisco, California, and at other remote locations on February 24, 2021.

Date: February 24, 2021
W.I.: 1512
Referred by: PAC

Attachment A
Resolution No. 4475
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2021 Transportation Improvement Program

The 2021 Transportation Improvement Program for the San Francisco Bay Area, adopted February 24, 2021, is comprised of the following, incorporated herein as though set forth at length:

- A Guide to the 2021 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 2021 TIP Investment Analysis: Focus on Low-Income and Minority Communities
- The 2021 TIP Performance Report

Date: February 24, 2021
W.I.: 1512
Referred by: PAC
Revised: 04/28/21-C 05/26/21-C

Attachment B
Resolution No. 4475
Page 1 of 2

Revisions to the 2021 TIP

Revisions to the 2021 Transportation Improvement Program (TIP) are included as they are approved.

Revision 2021-01 is a pending administrative modification.

Revision 2021-02 is a pending administrative modification.

Revision 2021-03 is an amendment that revises 57 projects with a net funding increase of approximately \$367 million. The revision was referred by the Programming and Allocations Committee on April 14, 2021, and approved by the MTC Commission on April 28, 2021. Caltrans approval is expected in late May 2021, and final federal approval is expected in mid-June 2021. Among other changes, this revision:

- Adds seven new exempt projects and updates 16 existing projects and 2 grouped listings to reflect the adoption of the FY2020-21 Transit Capital Priorities Program of Projects;
- Adds three new exempt projects and updates the funding plan of one existing project to reflect the approval of the state's portion of Cycle 5 of the Active Transportation Program;
- Adds two new exempt projects and updates the funding plan of one existing project to reflect the awards of discretionary funding from the Federal Transit Administration;
- Adds one new exempt project and updates the funding plan of one existing project to reflect the award of funding through the One Bay Area Grant 2 Program (OBAG2);
- Archives six projects; and
- Carries forward changes made in the 2019 TIP that were not included in the Final 2021 TIP.

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

Revision 2021-04 is a pending administrative modification.

Revision 2021-05 is an amendment that revises 22 projects with a net funding increase of approximately \$733 million. The revision was referred by the Programming and Allocations Committee on May 12, 2021 and approved by the MTC Commission on May 26, 2021. Caltrans

approval is expected in late June 2021, and final federal approval is expected in mid-July 2021. Among other changes, this revision:

- Updates the funding plans of eight projects, adds one new exempt project, and adds one new grouped listing to reflect the adoption of the latest round of the Transit Capital Priorities Program;
- Updates the total cost of the Golden Gate Bridge Seismic Retrofit Phase 3B project by adding \$605 million in uncommitted funding outside of the active years of the 2021 TIP;
- Adds one new exempt regional Surface Transportation Block Grant Program (STP) funded project, updates the scope of one existing STP funded project, and archives one completed STP funded project;
- Adds one new exempt Active Transportation Program funded project;
- Adds one new Federal Lands Highways Program and Tribal Transportation Program funded grouped listing to the TIP; and
- Updates the funding plans of six projects to add funding to the active years of the TIP.

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