

Date: February 24, 2021
W.I.: 1512
Referred by: PAC
Revised: 04/28/21-C 05/26/21-C
06/23/21-C 07/28/21-C
10/21/21-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 summaries to the Programming & Allocations Committee dated November 4, 2020, February 10, 2021, April 14, 2021, May 12, 2021, June 9, 2021, and July 14, 2021 and to the Planning Committee dated October 8, 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.	25	\$33,457,609	5/17/2021	5/17/2021
2021-02	Admin. Mod.	9	\$278,029,000	6/17/2021	6/17/2021
2021-03	Amendment	57	\$366,721,065	4/28/2021	5/21/2021
2021-04	Admin. Mod.	40	\$110,248,859	6/30/2021	6/30/2021
2021-05	Amendment	22	\$733,155,111	5/26/2021	7/16/2021
2021-06	Amendment	57	\$313,850,305	6/23/2021	7/16/2021
2021-07	Amendment	53	\$686,063,624	7/28/2021	8/4/2021
2021-08	Admin. Mod.	23	\$26,086,617	8/4/2021	8/4/2021
2021-09	Admin. Mod.	7	\$87,814,143	8/20/2021	8/20/2021
2021-10	Amendment	18	\$3,607,893,000	10/21/2021	Pending
Net Funding Change		311	\$6,243,319,333		
Absolute Funding Change			\$6,243,319,333		

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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

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.

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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

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Attachment B
Resolution No. 4475
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Revisions to the 2021 TIP

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

Revision 2021-01 is an administrative modification that revises 25 projects with a net funding increase of approximately \$33.5 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on May 17, 2021. Among other changes, this revision:

- Updates the funding plan of the Golden Gate Bridge, Highway and Transportation District's Suicide Deterrent System project to reflect the programming of \$7.9 million in Surface Transportation Block Grant Program (STP) funds and to change the source for \$7.7 million in funding from federal Highway Infrastructure Program (FHIP) to STP;
- Updates the funding plan of the Solano I-80 Managed Lanes project to reflect additional programming of federal Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) funds through the State Transportation Improvement Program (STIP);
- Updates the Santa Clara Valley Transportation Authority's (VTA) US 101/De L Cruz Blvd - Trimble Road I/C project to reflect the programming of \$25 million in SB1 Local Partnership Program Competitive funds;
- Updates the Bay Area Rapid Transit District's (BART) Railcar Procurement and Transbay Core Capacity Programs to reflect changes in the funding plans including the addition of \$562 million in FTA Capital Investment Grant (CIG) funds and \$6.8 million in CRRSAA funds; and
- Updates the funding plans and back-up listings of the Highway Safety Improvement Program (HSIP) and Highway Bridge Program (HBP) funded grouped listing to reflect the latest programming information from Caltrans.
- Changes made with this revision do not affect the air quality conformity finding or conflict with the financial constraint requirements.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$25 million in SB1 Local Partnership Program funding, \$562 million in FTA CIG funding, \$1.8 million in HBP funding, \$7.1 million in STIP funds, \$350,000 in FTA Pilot Program for Transit-Oriented Development Planning grant funding, and \$7.9 million in federal CRRSSAA funding to reflect the net change in funding over the four years of the TIP. MTC's 2021 TIP, as revised with Revision No. 2021-01, 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 2021-02 is an administrative modification that revises nine projects with a net funding increase of approximately \$278 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on June 17, 2021. Among other changes, this revision:

- Updates the funding plans and back-up listings of five State Highway Operation and Protection Program (SHOPP) funded grouped listings to reflect the latest information from Caltrans, including the addition of \$290 million in SHOPP funding to the active years of the TIP, and to split out the scope and funding for one sub-project to the Solano Transportation Authority's Rio Vista State Route 12 Pavement Rehabilitation and Intersection Improvements project; and
- Updates the funding plan of the Napa Valley Transportation Authority's State Routes 12, 29, and 221 Soscol Junction Interchange Improvements project to reflect the award of \$25 million in Road Repair and Accountability Act (SB1) Solutions for Congested Corridors Program funding and \$422,000 in SB1 Local Partnership Program funding.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$25.4 million in SB1 funding and \$290 million in SHOPP funding to reflect the net change in funding over the four years of the TIP. MTC's 2021 TIP, as revised with Revision No. 2021-02, 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 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 was received on May 12, 2021, and final federal approval was received on May 21, 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 an administrative modification that revises 40 projects with a net funding increase of approximately \$110 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on June 30, 2021. Among other changes, this revision:

- Updates the funding plan of MTC's 511 Next Generation project to reflect the award of \$200,000 in Work Zone Data Exchange (WZDx) Demonstration Grant funds;
- Updates the funding plans of 10 Regional/County Planning Activities project listings to reflect the award of regional Surface Transportation Block Grant (STP) funding through the Safe and Seamless Mobility Quick-Strike program;
- Updates the funding plan of the Marin County portion of the Marin Sonoma Narrows Project to reflect the programming of Congestion Mitigation and Air Quality Improvement Program (CMAQ) and federal Highway Infrastructure Program (FHIP) funds and to reflect the use of Advance Construction (AC) authorization;
- Updates the funding plans of 10 projects to reflect recently approved changes in the Active Transportation Program (ATP), the State Transportation Improvement Program (STIP), and the Local Partnership Program (LPP); and
- Updates the funding plans of six Transit Capital Priorities (TCP) funded Americans with Disabilities Act (ADA) Operating Support projects to reflect that ongoing funding is being combined into a new grouped listing and updates this grouped listing, two additional grouped listings and two individual listings to reflect recent changes to the TCP program.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$3.8 million in ATP, \$6.3 million in prior year FHIP funds, \$200,000 in WZDx funds, \$2.7 million in STIP funds and \$722,000 in LPP funds to reflect the net change in funding over the four years of the TIP. MTC's 2021 TIP, as revised with Revision No. 2021-04, 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 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 was received on July 1, 2021, and final federal approval was received on July 16, 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.

Revision 2021-06 is an amendment that revises 57 projects with a net funding increase of approximately \$314 million. The revision was referred by the Programming and Allocations Committee on June 9, 2021, and approved by the MTC Commission on June 23, 2021. Caltrans approval was received on July 7, 2021, and final federal approval was received on July 16, 2021. Among other changes, this revision:

- Adds 23 new projects and updates the funding plans of two existing projects to reflect the adoption of the Safe and Seamless Mobility Quick Strike Program;
- Adds five new projects and updates the funding plans of 20 existing projects to reflect the recent adoption of the latest round of the Transit Capital Priorities Program;
- Updates the Caltrain Electrification and San Francisco Central Subway projects to reflect recent awards of Federal Transit Administration New Starts funding from the American Rescue Plan Act of 2021; 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 2021-07 is an amendment that revises 53 projects with a net funding increase of approximately \$686 million. The revision was referred by the Programming and Allocations Committee on July 14, 2021, and approved by the MTC Commission on July 28, 2021. Caltrans approval was received on July 30, 2021, and final federal approval was received on August 4, 2021. Among other changes, this revision:

- Adds seven new projects, deletes one existing project and updates five other existing projects to reflect recent changes in the regional Surface Transportation Block Grant Program (STP), the Congestion Mitigation and Air Quality Improvement Program (CMAQ), and the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Program;
- Adds three new projects to reflect the programming of Transit Capital Priorities (TCP) Program funds;
- Adds two new projects and updates the funding plans of two existing projects to reflect the award of funding through the Active Transportation Program (ATP), the Federal Transit Administration's Capital Investment Grants (CIG) program, the Road Repair and Accountability Act's Local Partnership Program (SB1-LPP), and the California Natural Resource Agency's grant program; and
- Adds seven new projects, combines two existing projects, and updates the scope or funding plans of six other existing projects to reflect local programming decisions.

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

Revision 2021-08 is an administrative modification that revises 23 projects with a net increase in funding of \$26 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on August 4, 2021. Among other changes, this revision:

- Updates the funding plans of 11 regional Surface Transportation Block Grant/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect recent programming changes including the adoption of the Safe and Seamless Mobility Quick-Strike program;
- Updates the funding plans of six projects to reflect programming changes in the Active Transportation Program (ATP), the Road Repair and Accountability Act – Local Partnership Program (SB1-LPP), State Transportation Improvement Program (STIP), High Priority Program earmark program (HPP), Construction of Ferry Boats and Ferry Terminal Facilities Formula Program (FBP); and
- Updates the funding plans and back-up listings of the Railroad Highway Crossing program and Lifeline Transportation Program group listings 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 \$3 million in ATP funds, \$167,765 in HPP funds, \$624,745 in FBP funds, \$9.5 million in Section 130 Railroad-Highway Crossing funds, \$410,180 in Urban Greening Grant funds, \$235,369 in Proposition 1B California Transit Security Grant Program funds, \$11 million in STIP funds and \$47 million in SB1-LPP funds to reflect the net change in funding over the four years of the TIP. MTC's 2021 TIP, as revised with Revision No. 2021-08, 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 2021-09 is an administrative modification that revises seven projects with a net increase in funding of \$88 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on August 20, 2021. Among other changes, this revision:

- Updates the funding plans of four projects to reflect changes in the Congestion Mitigation and Air Quality Improvement Program (CMAQ), the Road Repair and Accountability Act – Trade Corridor Enhancement Program (SB1-TCEP), the Road Repair and Accountability Act – Local Streets and Roads Program (SB1-LSRP), and the Infill Infrastructure Grant Program (IIG); and
- Updates the funding plans and back-up listings of three State Highway Operation and Protection Program (SHOPP) group listings 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 \$87 million in SHOPP funds, \$146,040 in Community Development Block Grant funds, \$1 million in IIG funds, \$55 million in SB1-TCEP, and \$256,832 in SB1-LSRP funds to reflect the net change in funding over the four years of the TIP. MTC's 2021 TIP, as revised with Revision No. 2021-09, 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 2021-10 is an amendment that serves to conform the 2021 TIP to Plan Bay Area 2050 and revises 18 projects with a net increase in funding of approximately \$3.6 billion. The revision was referred by the Planning Committee on October 8, 2021, and approved by the MTC Commission on October 21, 2021. Caltrans approval is expected in November 2021, and final federal approval is expected in December 2021. Among other changes, this revision:

- Updates 10 existing projects in the 2021 TIP to reflect changes in scope or cost that are included in the Draft Plan Bay Area 2050; and
- Adds eight new projects to the 2021 TIP.

Changes made with this revision do not conflict with the financial constraint requirements. The Transportation-Air Quality Conformity Analysis for Plan Bay Area 2050 and Amended 2021 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.

Metropolitan Transportation Commission

Programming and Allocations Committee

February 10, 2021

Agenda Item 4b - 21-0148

MTC Resolution Nos. 4474 and 4475

- Subject:** Adoption of the 2021 Transportation Improvement Program (TIP) and Transportation-Air Quality Conformity Analysis for the Amended Plan Bay Area 2040 (Plan) and the 2021 TIP.
- Background:** The federally required Transportation Improvement Program (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 in line with the state-wide schedule. The 2021 TIP contains approximately 330 projects with funding totaling about \$10.3 billion over the four-year period from FY 2020-21 through 2023-24, as well as over 400 projects shown for informational purposes. The 2021 TIP is financially constrained by year, meaning that the amount of dollars committed to the projects (or “programmed”) does not exceed the amount of dollars estimated to be available. The 2021 TIP includes a financial constraint analysis and a financial plan that demonstrates that the programmed projects can be implemented with the funding available. The TIP is also designed such that, once implemented, it makes progress toward achieving the performance targets established per federal regulations and includes a description of the anticipated effect of the TIP toward achieving those targets. A summary of the performance report is attached.
- To further assist the public in assessing the equity implications of the 2021 TIP, staff has conducted an investment analysis with a focus on low income and minority residents. MTC conducted an investment analysis of long-term investments as part of the Equity Analysis for Plan Bay Area 2040 among other efforts to fulfill the region’s Title VI and environmental justice responsibilities. Staff conducted the investment analysis on the TIP to provide further transparency for short-term investments. However, when compared to the Plan, the 2021 TIP only reflects about 20% of average annual transportation spending in the Bay Area.
- The 2021 TIP Investment Analysis concludes that, in the aggregate, there is a relatively higher proportionate investment in transportation facilities that serve minority and low-income populations than the proportional share of trips taken by minority and low-income populations. However, it also suggests a variance in the share of transit investments by trips for passengers living in low-income households and in the per-rider benefit of investments for minority transit riders. As with the 2019 TIP, staff believes that this variance is due to the programming of funding for a handful of large capital projects within the active years of the TIP. A summary of the Investment Analysis is also attached.

Under Federal law and regulation, regional transportation plans (RTPs) and Transportation Improvement Programs (TIPs) must be analyzed to determine if they conform to federal air quality standards and plans (known as the State Implementation Plan or SIP). The new Transportation-Air Quality Conformity Analysis for the Amended Plan Bay Area 2040 (Plan) and the 2021 TIP was prepared in accordance with the U.S. Environmental Protection Agency's (EPA) transportation conformity regulations and MTC's Bay Area Air Quality Conformity Procedures (MTC Resolution No. 3757, Revised). These projects have been modeled in the appropriate analysis year using the latest planning assumptions. MTC staff consulted with the Air Quality Conformity Task Force on the approach to the conformity analysis, draft conformity analysis, response to public comments on the draft conformity analysis, and final conformity analysis. Based on the conformity analysis, a positive conformity determination can be made because the Plan and the TIP conform to the federal air quality standards and plans.

Federal regulations, including 23 CFR §630.106, and state statutes, including Streets and Highways Code Section 182, as well as California Transportation Commission (CTC) policies and guidance prescribe requirements for the timely use of state and federal funds. Sponsors with projects in the federal TIP must meet these timely use of funds requirements and comply with the provisions and requirements of the regional project funding delivery policy, MTC Resolution 3603, Revised.

Public Comments and Responses

The 2021 TIP and accompanying Transportation-Air Quality Conformity Analysis were released for public review and comment beginning November 9, 2020. The documents were presented at a public meeting on December 9, 2020, and the review and comment period ended on December 14, 2020. Staff received one comment on the 2021 TIP and one comment on the Transportation-Air Quality Conformity Analysis. A summary of the comments received and staff's responses is included as Attachment C. The comments pertaining to the 2021 TIP and the Transportation-Air Quality Conformity Analysis as well as staff's responses to these comments have also been incorporated into the respective documents.

During the comment period, staff also received updated project and funding information from sponsors. Changes resulting from those updates are listed in Attachment D.

Next Steps

Following Commission consideration later this month, if approved, the 2021 TIP and Transportation-Air Quality Conformity Analysis will be forwarded to Caltrans, the Federal Highway Administration and Federal Transit Administration for review. Federal approval would be expected in April.

Issues:

None

Recommendation: Refer MTC Resolution No. 4474 and MTC Resolution No. 4475 to the Commission for approval.

Attachments: Attachment A – Performance Report Summary
Attachment B – Investment Analysis Key Findings
Attachment C – Responses to public comments
Attachment D – List of project changes in response to comments
MTC Resolution No. 4474: Adoption of the Transportation-Air Quality
Conformity Analysis for the Amended Plan Bay Area 2040 and 2021 TIP
MTC Resolution No. 4475: Adoption of the 2021 TIP
Appendix 1: Comments Received

Therese W. McMillan

Metropolitan Transportation Commission

Programming and Allocations Committee

April 14, 2021

Agenda Item 2h - 21-0431

MTC Resolution No. 4475

Subject: 2021 Transportation Improvement Program (TIP) Amendment 2021-03.

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 is scheduled to be 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 2021-03 makes revisions to 57 projects with a net funding increase of approximately \$367 million. Among other changes, this revision will:

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

This Amendment contains changes that are contingent upon Commission approval of programming changes included in Programming and Allocations Committee Item 4a: MTC Resolution Nos. 4169, Revised; 4272, Revised; 4456; and 4457: FY2020-21 Transit Capital Priorities (TCP) Program of Projects, and revisions to FY2019-20 TCP Program of Projects. Only items approved by the Committee will be forwarded to the Commission.

Recommendation:

Refer MTC Resolution No. 4475, Revised to the Commission for approval.

Attachments:

Attachment 1, Summary Report of Amended Projects for TIP Amendment 2021-03
MTC Resolution No. 4475, Revised

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

Metropolitan Transportation Commission Programming and Allocations Committee

June 9, 2021

Agenda Item 2i - 21-0804

MTC Resolution No. 4475, Revised

Subject: 2021 Transportation Improvement Program (TIP) Amendment 2021-06.

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 2021-06 makes revisions to 57 projects with a net funding increase of approximately \$314 million. Among other changes, this revision will:

- Add 23 new projects and update the funding plans of two existing projects to reflect the adoption of the Safe and Seamless Mobility Quick Strike Program;
- Add five new projects and update the funding plans of 20 existing projects to reflect the recent adoption of the latest round of the Transit Capital Priorities Program;
- Update the Caltrain Electrification and San Francisco Central Subway projects to reflect the recent awards of Federal Transit Administration New Starts funding from the American Rescue Plan Act of 2021; and
- Archive two projects as they have been completed.

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: This Amendment contains changes that are contingent upon Commission approval of programming changes included in June 2021 Programming and Allocations Committee Item 4a: MTC Resolution No. 4202, Revised: Revisions to the One Bay Area Grant (OBAG2) program, including programming of \$83 million to various projects within the Safe and Seamless Mobility Quick-Strike program. Only items approved by the Committee will be forwarded to the Commission.

Recommendation: Refer MTC Resolution No. 4475, Revised to the Commission for approval.

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2021-06
MTC Resolution No. 4475, Revised

Therese W. McMillan

Metropolitan Transportation Commission

Programming and Allocations Committee

July 14, 2021

Agenda Item 2g - 21-0844

MTC Resolution No. 4475, Revised

Subject: 2021 Transportation Improvement Program (TIP) Amendment 2021-07.

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 2021-07 makes revisions to 53 projects with a net funding increase of approximately \$686 million. Among other changes, this revision will:

- Add seven new projects, delete one existing project and update five other existing projects to reflect recent changes in the regional Surface Transportation Block Grant Program (STP), the Congestion Mitigation and Air Quality Improvement Program (CMAQ), and the Coronavirus Response and Relief Supplemental Appropriations Act (CRRSAA) Program;
- Add three new projects to reflect the programming of Transit Capital Priorities (TCP) Program funds;
- Add two new projects and update the funding plans of two existing projects to reflect the award of funding through the Active Transportation Program (ATP), the Federal Transit Administration's Capital Investment Grants (CIG) program, the Road Repair and Accountability Act's Local Partnership Program (SB1-LPP), and the California Natural Resource Agency's grant program; and
- Add seven new projects, combine two existing projects, and update the funding plans of six other existing projects to reflect local programming decisions.

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:

This Amendment contains changes that are contingent upon Commission approval of programming changes included in July 2021 Programming and Allocations Committee:

- Item 2j - MTC Resolution Nos. 4035, Revised and 4202, Revised: Revisions to the One Bay Area Grant programs (OBAG 1 and 2); and
- Item 2k - MTC Resolution No. 4456, Revised. FY2020-21 Transit Capital Priorities Program Revisions.

Only items approved by the Committee will be forwarded to the Commission.

Recommendation:

Refer MTC Resolution No. 4475, Revised to the Commission for approval.

Attachments:

Attachment 1, Summary Report of Amended Projects for TIP Amendment 2021-07
MTC Resolution No. 4475, Revised

Therese W. McMillan

For October 8, 2021
Planning Committee Agenda Item 7e
Summary page and its attachments

See

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4475_Revised_Summary_Sheet.docx