

Metropolitan Transportation Commission Programming and Allocations Committee

October 14, 2020

Agenda Item 2e - 20-0748

MTC Resolution Nos. 4375, Revised

Subject: 2019 Transportation Improvement Program (TIP) Amendment 2019-45.

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 2019-45 modifies 139 projects with a net funding increase of approximately \$1 billion, including the addition of \$486 million in funding from the Coronavirus Aid, Relief, and Economic Security (CARES) Act. Among other changes, this revision will:

- Add one new Active Transportation Program (ATP) funded project and update one existing ATP funded project to reflect the latest programming decisions;
- Add one new project to the TIP and update the funding plans of 21 existing projects to reflect the programming of CARES Act funds to the region's transit operators;
- Add six new projects to the TIP to reflect the award of grants from the Advanced Transportation and Congestion Management Technologies Deployment Program, the Automated Driving System Demonstration Grant Program, the Trade Corridor Enhancement Program, the Transit and Intercity Rail Capital Program, and MTC's Regional Exchange Program;
- Update 22 projects to reflect changes in local funding programs;
- Add one new project funded through the Regional Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) and update four existing STP/CMAQ funded projects;
- Add two new projects funded through the Transit Capital Priorities (TCP) Program and update three existing TCP Program funded projects;
- Archive 65 individual project listings and three group listings as the projects have been completed or all funding has been obligated; and
- Delete eight projects as they will not move forward at this time.

The modifications 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 modifications 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 for review upon request during the COVID pandemic, 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 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: Staff requests the Commission approve MTC Resolution No. 4375, Revised.

Attachments: Attachment 1, Summary Report of Amended Projects for TIP Amendment 2019-45; and
MTC Resolution No. 4375, Revised


Therese W. McMillan

TIP Revision Summary 2019-45

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
System: Local Road					
ALA130001	Fremont	Kato Rd Complete Sts - Warren Ave to Milmont Dr	Update the funding plan to change the source for \$2M in CON funds from Other Local to RTP-LRP and reprogram CON to FY25	\$0	0.0%
ALA130025	Fremont	Fremont City Center Multi-Modal Improvements	Archive this project as it has been completed	\$0	0.0%
ALA150002	Alameda County	Niles Canyon Rd (SR 84)/Pleas-Sunol Rd Inter. Imps	Delete project from the TIP as no federal funds have been identified	-\$2,500,000	-100.0%
ALA170069	Fremont	City of Fremont Pavement Rehabilitation	Archive this project as it has been completed	\$0	0.0%
ALA170074	Alameda (City)	Alameda City-Wide Pavement Rehabilitation	Update the project description to reference various locations	\$0	0.0%
ALA190004	Bay Area Rapid Transit District (BART)	Alameda Regional Access Phase II	Archive this project as it has been completed.	\$0	0.0%
ALA190019	Alameda County	Alameda County Complete Street Improvements	Update the funding plan to add \$1.6M in Local funds, \$400K in ATP funds and \$6.5M in RTP-LRP funds and reprogram CON to FY23	\$8,400,000	57.3%
CC-070078	Brentwood	John Muir Parkway Extension: Ph. II	Archive this project as it has been completed	\$0	0.0%
CC-090001	Danville	Diablo Road Imps. - Green Valley to Avenida Neuva	Delete project from the TIP as it has been abandoned	-\$4,160,000	-100.0%
CC-090019	San Ramon	Bollinger Canyon Road Widening (Alcosta to SRVB)	Archive this project as it has been completed	\$0	0.0%
CC-130023	Danville	Danville Various Streets and Roads Preservation	Archive this project as it has been completed	\$0	0.0%
CC-130024	El Cerrito	Ohlone Greenway Station Area Bike/Ped Improvements	Archive this project as it has been completed	\$0	0.0%
CC-130032	San Pablo	San Pablo Avenue Bicycle and Ped Improvements	Archive this project as it has been completed.	\$0	0.0%
CC-170027	Contra Costa County	Local Streets and Roads Preservation Project - CCC	Archive the project as it has been completed	\$0	0.0%
CC-170037	Concord	Concord Willow Pass Road Repaving SR2T	Update the description to extend the northeastern limit from Ashdale Dr to Landana Dr and update the funding plan to reprogram CON from FY21 to FY22	\$0	0.0%
CC-190017	Contra Costa Transportation Authority (CCTA)	CCTA Automated Driving System	Amend a new exempt project into the TIP with \$7.5M in Automated Driving System Demonstration Grant funds (Other Federal) and \$6.5M in SB1-LPP funds	\$14,046,000	~%
NAP190007	Metropolitan Transportation Commission (MTC)	Napa Valley Forward: Traffic Calming & Multimodal	Amend in new project into the TIP with \$1M in STP funds and \$2M in RTP-LRP	\$3,000,000	~%
SCL110108	Santa Clara County	Isabel Bridge Replacement (37C0089)	Archive this project as it has been completed	\$0	0.0%

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SCL170003	Palo Alto	Palo Alto: Bay Area Fair Value CommutingModSandbox	Archive this project as it has been completed	\$0	0.0%
SCL170019	Santa Clara County	Uvas Road Pavement Rehabilitation	Archive this project as all federal funding has been obligated	\$0	0.0%
SCL170032	Santa Clara County	McKean Rd Pavement Rehabilitation	Archive this project as all federal funding has been obligated	\$0	0.0%
SCL170035	Campbell	Campbell - Winchester Blvd Overlay	Archive this project from the TIP as all federal funds have been obligated	\$0	0.0%
SCL170037	Cupertino	Cupertino Pavement Maintenance Phase 2	Archive this project as all federal funds have been obligated	\$0	0.0%
SCL170038	Los Altos	Los Altos: Fremont Ave Pavement Preservation	Update the funding plan to add \$110K in FY18 PSE Local funds and \$1M in FY21 CON Local funds	\$1,201,042	233.2%
SCL170040	Mountain View	West Middlefield Road Improvements	Archive this project as all federal funds have been obligated	\$0	0.0%
SCL170042	Santa Clara (City)	Santa Clara Streets and Roads Preservation	Archive this project as all federal funds have been obligated	\$0	0.0%
SCL170060	San Jose	DTSJ Mobility Streetscape and Public Life Plan	Archive this project as all federal funds have been obligated	\$0	0.0%
SCL190007	Santa Clara Valley Transportation Authority (VTA)	US 101/Zanker Road-Skyport Drive-N. Fourth St. Imp	Update the funding plan to change the source for \$4.9M in PSE from Local general funds to Sales Tax and for \$12M in CON from RTP-LRP to Sales Tax and reprogram PSE to FY22 and ROW and CON to FY24	\$0	0.0%
SCL190036	Cupertino	McClellan Road Separated Bikeways (Phase 3)	Update the project location and update the funding plan to reprogram CON from FY21 to FY22	\$0	0.0%
SF-130004	San Francisco County Transport Authority (SFCTA)	Treasure Is/Yerba Buena Is Street Improvements	Update the funding plan to remove all future funding and archive this project as remaining elements will be locally implemented	-\$40,460,000	-84.4%
SF-130007	San Francisco Dept of Public Works (SFDPW)	HOPE SF Street Network - Hunters View	Archive this project as it has been completed	\$0	0.0%
SF-130011	San Francisco Dept of Public Works (SFDPW)	SF- Second Street Complete Streets and Road Diet	Update the funding plan to add \$5M in FY20 Developer Fee and \$1M in Local General Funds	\$6,007,116	41.5%
SF-150013	San Francisco County Transport Authority (SFCTA)	SB I-280 Off-Ramp at Ocean Ave Realignment	Delete this project listing from the TIP as funding has not yet been identified for future phases. Project will be added back in once funding is identified.	-\$4,850,000	-86.6%
SF-150017	San Francisco Depart of Public Health (SFDPH)	SF Safe Routes to School 2017-2019	Archive this project as it has been completed	\$0	0.0%
SF-170014	San Francisco Municipal Transport Agency (SFMTA)	SF - Powell Street Safety Improvement	Update the funding plan to reprogram \$2.5M in Local Developer Fees from FY21 to FY22, add \$4M in FY22 Developer Fees and \$3.8M in FY23 Developer Fees	\$7,833,540	79.2%

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SF-170017	San Francisco Municipal Transport Agency (SFMTA)	Vision Zero SF: Safer Intersections	Archive project as the funds have been allocated	\$0	0.0%
SF-190010	San Francisco Dept of Public Works (SFPDW)	Aleman Interchange Improvements, Phase 2	Amend a new exempt project into the TIP with \$1.97M in ATP funds and \$456K in Local funds	\$2,427,000	~%
SM-050053	Millbrae	US 101 Millbrae Ave Bike/Ped Bridge	Delete this project from the TIP as funding has not been committed. Once funding has been identified project will be added back to the TIP.	-\$8,000,000	-88.3%
SM-070002	San Mateo CCAG	SM Countywide ITS Improvements - SSF Segment	Update the funding plan to reprogram \$115K in VRF funds from CON to PSE, add \$5K in PSE VRF and \$2.7M in CON Prop-1B-TLSP and reprogram CON from FY21 to FY22	\$2,705,000	50.9%
SM-070004	East Palo Alto	Bay Rd Bicycle/Ped Improvements Phase II & III	Archive project from the TIP as all funds have been obligated	\$0	0.0%
SM-110022	San Mateo CCAG	San Mateo County SR2S Program	Archive project as all funds have been obligated	\$0	0.0%
SM-110065	Redwood City	Middlefield Rd and Woodside Rd Intersection Improv	Archive this project as it has been completed	\$0	0.0%
SM-130003	South San Francisco	SSF Citywide Sidewalk Gap Closure Project	Archive this project as it has been completed	\$0	0.0%
SM-130016	Pacifica	Palmetto Avenue Streetscape	Archive this project as it has been completed	\$0	0.0%
SM-130019	San Bruno	San Bruno Ave Street Medians Improvements	Archive this project as it has been completed	\$0	0.0%
SM-130020	San Mateo (City)	San Mateo Citywide Crosswalk Improvements	Archive this project as it has been completed	\$0	0.0%
SM-130021	Burlingame	Carolan Ave Complete Streets and Road Diet	Archive this project as it has been completed	\$0	0.0%
SM-130022	Redwood City	Middlefield Road Bicycle / Ped Improvements	Archive project as all funds have been obligated	\$0	0.0%
SM-130028	East Palo Alto	US-101 Pedestrian/Bicycle Overcrossing	Archive this project from the TIP as it has been completed	\$0	0.0%
SM-150002	San Mateo (City)	City of San Mateo SR2S Program	Archive project as it has been completed	\$0	0.0%
SM-150013	San Mateo County	RWC 2020 Sustainable Transportation Encouragement	Archive this project as it has been completed	\$0	0.0%
SM-150014	San Mateo County Office of Education	Safe Routes to School for Health and Wellness	Archive this project as the funds have been obligated	\$0	0.0%
SM-150016	San Mateo (City)	San Mateo Downtown Parking Tech Implementation	Archive project from the TIP as all funds have been obligated	\$0	0.0%
SM-170012	San Mateo County	Canada Road and Edgewood Road Resurfacing	Archive this project as it has been completed and update the funding plan to reflect the final amounts of local funds	-\$11,544	-1.1%
SM-170019	Brisbane	Brisbane - Tunnel Ave Rehabilitation	Archive this project, as it had been completed.	\$0	0.0%

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SM-170022	Colma	Colma - Mission Road Bike/Ped Improvements	Update the funding plan to reprogram PE from FY18 to FY19 and add \$150K in PE Local General funds, \$708K in FY20 CON Local General funds, \$130K in FY20 CON VRF funds and \$79K in FY20 CON SB1-LSRP funds	\$1,066,500	67.4%
SM-170025	Foster City	Foster City - Pavement Rehabilitation	Archive this project as it has been completed	\$0	0.0%
SM-170026	Hillsborough	Hillsborough Street Resurfacing	Update the funding plan to add \$29K in PE local funds, \$202K in CON SB1-LSRP and \$383K in CON local funds and reprogram PE from FY18 to FY21	\$614,000	133.2%
SM-170030	Pacifica	Pacifica Citywide Curb Ramps	Archive this project as it has been completed and update the funding plan to reflect the use of SB1-LSRP funds	\$417,000	84.8%
SM-170031	Pacifica	Pacifica Pavement Rehabilitation	Archive this project as it has been completed and update the funding plan to reflect the use of SB1-LSRP funds	\$244,200	32.2%
SOL170012	Vacaville	Vacaville - Pavement Preservation	Update the funding plan to add \$443K in Local funds and \$71K in SB1-LSRP funds and archive this project as project has been completed	\$514,024	22.2%
SON170012	Santa Rosa	Highway 101 Bicycle and Pedestrian Overcrossing	Update the funding plan to add \$1M in ROW RTP-LRP and \$11.6M in CON RTP-LRP	\$12,585,000	81.0%
System: Public Lands/Trails					
CC-130050	East Bay Regional Park District (EBRPD)	SF Bay Trail, Pinole Shores to Bay Front Park	Update the funding plan to reflect the use of STP and Recreational Trails grant funds in prior years and archive this project as it has been completed	-\$668,603	-8.1%
CC-170014	San Ramon	Iron Horse Trail Bike and Pedestrian Overcrossing	Updated the funding plan to add \$5K in prior year PE Local, \$209K in prior year PE Sales Tax, \$3.1M in FY20 PE Local, \$900K in FY21 ROW Local, and \$3M FY22 CON Local funds and reprogram the remaining CON funds from FY21 to FY22	\$7,335,000	50.9%
CC-190019	East Bay Regional Park District (EBRPD)	SF Bay Trail Point Molate	Amend a new exempt project into the TIP with \$1M in MTC Regional Exchange funds, \$921K in Local funds, and \$2.1M in RTP-LRP funds	\$4,020,500	~%
NAP130004	Napa (City)	State Route 29 Bicycle & Pedestrian Undercrossing	Update the funding plan to reprogram \$40K in FY19 ROW, \$24K in FY18 ENV and \$40K in FY20 CON TFCA funds to FY18 PSE, add \$500K in CON Local Funds, and reprogram CON from FY20 to FY21	\$540,000	68.4%
System: Regional					
MRN190003	Novato	Novato Downtown SMART Station Phase 2	Archive project as it has been completed	\$0	0.0%
System: State Highway					
ALA150001	Alameda County Transportation Commission (ACTC)	Rte 84 Widening, south of Ruby Hill Dr to I-680	Update the funding plan to change the source for \$1.2M in Other Local to Developer Fees and for \$157M from RTP-LRP to Sales Tax, reprogram funds between years and phases, and add \$13.7M in Developer Fees, \$1.8M in Sales Tax and \$8.6M in SB1-LPP funds	\$24,100,000	11.0%
ALA170049	Alameda (City)	Central Avenue Safety Improvements	Update the project description to include the construction of roundabouts and update the funding plan to reprogram CON from FY21 to FY22	\$0	0.0%
CC-050028	Contra Costa Transportation Authority (CCTA)	I-680 SB HOV Lane Completion	Archive this project as all funds have been obligated	\$0	0.0%

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TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
CC-130046	Contra Costa Transportation Authority (CCTA)	I-680 / SR 4 Interchange Reconstruction - Phase 3	Archive this project as all funds have been obligated	\$0	0.0%
CC-170017	Contra Costa Transportation Authority (CCTA)	I-680 NB Express Lane Completion	Update the funding plan to reprogram \$3M in Sales Tax from ENV to PSE, \$500K in RTP-LRP from PSE to ROW, \$5.1M in RTP-LRP from PSE to CON, change the source for \$1M in PSE from RTP-LRP to Sales Tax, and add \$160M in CON RTP-LRP	\$159,714,000	69.4%
CC-170062	Contra Costa Transportation Authority (CCTA)	I-680 Advanced Technologies	Update the funding plan to change the source for \$2M from Sales Tax to Developer Fee and for \$12M from Sales Tax to RTP-LRP, and reprogram PE to FY21 and CON to FY24	\$0	0.0%
CC-190018	Contra Costa Transportation Authority (CCTA)	Bay Area MOD	Amend a new project into the TIP with \$8M in ATCMTD funds, \$858K in Sales Tax funds and \$9M in Local funds	\$17,828,213	~%
NAP170009	Napa (City)	Silverado Trail Five-Way Intersection Improvements	Update the funding plan to reprogram ROW to FY24 and CON to FY25 and add \$157K in SHOPP ROW and \$773K in SHOPP CON	\$930,000	8.4%
SCL070004	San Jose	US 101 / Mabury New Interchange	Delete this project from the TIP as no funding has been identified for construction. Project can be amended back into the TIP once funding has been committed.	-\$19,250,000	-92.8%
SCL150014	Santa Clara Valley Transportation Authority (VTA)	I-280/Winchester Blvd Interchange Improvement	Update the funding plan to change the source for \$8M from Sales Tax to local, remove \$11M in Sales Tax funds, and reprogram funds between years and phases	-\$11,000,000	-11.0%
SCL190002	Santa Clara Valley Transportation Authority (VTA)	I-280/Foothill Expressway Off Ramp Improvement	Update the funding plan to change the source for \$700K in PE funds from Sales Tax to local funds, remove \$300K in PE Sales Tax, and add \$2.8M in CON Sales Tax	\$2,500,000	83.3%
SCL190010	Santa Clara Valley Transportation Authority (VTA)	US 101/Buena Vista Avenue Interchange Improvement	Update the funding plan to change the source for \$3.4M from Sales Tax to local funds, remove \$6M in Sales Tax and reprogram funds between years and phases	-\$6,000,000	-15.0%
SCL190011	Santa Clara Valley Transportation Authority (VTA)	I-280/Wolfe Road Interchange Improvement	Update the funding plan to change the source for \$2M from Sales Tax to local, remove \$1.3M in Sales Tax and reprogram funds between years and phases	-\$1,320,000	-1.4%
SCL190013	Santa Clara Valley Transportation Authority (VTA)	US 101/SR 25 Interchange - Phase 1	Update the funding plan to change the source for \$4.2M in ROW funds from RTP-LRP to Sales Tax; add \$200K in PSE Sales Tax, \$9M in ROW Sales Tax, \$8.4M in CON Sales Tax and \$18.6M in CON RTP-LRP and reprogram funds between years	\$36,200,000	55.7%
SF-070027	San Francisco County Transport Authority (SFCTA)	Yerba Buena Island (YBI) Ramp Improvements	Update the funding plan based on the latest information from Caltrans including the addition of \$2.7M in HBP, \$115K in LBSRA, \$5.2M in Local and \$36M in RTP-LRP funds and to reflect the use of \$40M in additional local advanced construction	\$84,310,437	29.4%
SF-130008	San Francisco County Transport Authority (SFCTA)	HOV/HOT Lanes on U.S.101 and I-280 in SF	Update the funding plan to reprogram PE from FY17 to FY18, add \$200K in PE Sales Tax and \$500K in PE General Fund, remove \$700K in CON local funds, and reprogram all ROW and CON funds to 2025 as RTP-LRP	\$0	0.0%



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SM-010047	Menlo Park	US 101 / Willow Road Interchange Reconstruction	Archive project as all funds have been obligated	\$0	0.0%
SM-050027	Redwood City	US 101 / Woodside Interchange Improvement	Update the funding plan to remove \$9M in ROW Local, reprogram \$20M in ROW Sales Tax from FY19 to FY22, and add \$2M in ROW RTP-LRP, \$3.5M in CON developer fee funds, and \$60.6M in CON RTP-LRP funds	\$80,250,000	88.4%
SM-130013	South San Francisco	SSF Grand Blvd Chestnut to Arroyo	Archive project as all funds have been obligated	\$0	0.0%
SM-130030	South San Francisco	SSF Grand Blvd Improvements Kaiser Way to McLellan	Archive project as all funds have been obligated	\$0	0.0%
SM-170009	Woodside	Woodside School Safety Pathway Phase 3	Archive this project as it has been completed	\$0	0.0%
SOL190024	Solano Transportation Authority (STA)	I-80/I-680/SR 12 Interchange Phase 2A	Amend a new exempt project into the TIP with \$25.7M in RIP funds, \$53.2M SB1-TCEP and \$13.8M in Bridge Toll funds	\$92,700,000	~%
System: Transit					
ALA110032	Bay Area Rapid Transit District (BART)	Downtown Berkeley BART Plaza/Transit Area Imps.	Archive this project as it has been completed.	\$0	0.0%
ALA150046	Union City Transit	Union City Transit Rehab Two (2) Transit Buses	Delete this project as the 5307 funds are being transferred to ALA190029	-\$512,500	-100.0%
ALA170015	Union City Transit	Union City Transit: Replace Paratransit Sedan	Delete this project as the funds are being reprogrammed to ALA190029	-\$176,300	-100.0%
ALA170056	Altamont Commuter Express (ACE)	ACE - Locomotive Procurement	Archive this project as it has been completed.	\$0	0.0%
ALA170092	Union City Transit	Union City Replace Heavy-Duty Transit Vehicles	Delete project as the 5307 funds are being transferred to ALA190029	-\$1,564,950	-100.0%
ALA190014	Bay Area Rapid Transit District (BART)	BART-Elevator Renovation program	Update the funding plan to add \$7M in FY21 CON 5337 and \$1.75M in FY21 CON Local funds	\$8,750,000	100.0%
ALA190023	Alameda Contra Costa Transit District (AC Transit)	AC Transit: COVID-19 Emergency Transit Operations	Update the funding plan to add \$33.8M in CARES Act 5307 funds	\$33,793,809	42.0%
ALA190025	Bay Area Rapid Transit District (BART)	BART: COVID-19 Emergency Transit Operations	Update the funding plan to add \$125M in CARES Act 5307 funds	\$125,416,405	49.8%
ALA190026	Livermore Amador Valley Transit (LAVTA)	LAVTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$3.3M in CARES Act 5307 funds	\$3,317,752	94.8%
ALA190027	Union City Transit	Union City Transit: COVID-19 Emergency Transit Ops	Update the funding plan to add \$1M in CARES Act 5307 funds	\$1,023,851	111.0%
ALA190029	Union City Transit	Union City Transit Electric Bus Procurement	Amend a new exempt project into the TIP with \$1.8M in 5307 and \$138K in TDA funds being reprogrammed from other projects and \$3.2M in additional 5307, \$469K in LCTOP, \$1.25M in additional TDA funds and \$2.8M in RTP-LRP funds	\$9,994,282	~%



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CC-030004	Martinez	Martinez Intermodal Station Parking Expansion	Archive this project as it has been completed	\$0	0.0%
CC-070062	Water Emergency Transportation Authority (WETA)	Richmond Ferry Service	Archive this project as it has been completed.	\$0	0.0%
CC-190013	Central Contra Costa Transit Agency (CCCTA)	CCCTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$4.7M in CARES Act 5307 funds	\$4,745,001	67.1%
CC-190014	Eastern Contra Costa Transit Authority (Tri Delta)	ECCTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$3.9M in CARES Act 5307 and \$280K in CARES Act 5311 funds	\$4,133,274	106.2%
CC-190015	Western Contra Costa Transit Authority (WestCAT)	WCCTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$1.8M in CARES Act funds	\$1,799,634	81.1%
MRN110045	Golden Gate Bridge, Highway and Transit District	GGBHTD: Replace 7 - 40' Diesel Buses	Archive this project as it has been completed.	\$0	0.0%
MRN190013	Marin County Transit District	Marin Transit: COVID-19 Emergency Transit Ops	Update the funding plan to add \$3.9M in CARES Act 5307 and \$800K in CARES Act 5311 funds	\$4,737,498	87.1%
MRN190014	Golden Gate Bridge, Highway and Transit District	GGBHTD: COVID-19 Emergency Transit Operations	Update the funding plan to add \$21.4M in CARES Act 5307 funds	\$21,417,456	71.0%
MTC050029	Water Emergency Transportation Authority (WETA)	SF Ferry Terminal/Berthing Facilities	Archive this project as it has been completed.	\$0	0.0%
NAP190005	Napa Valley Transportation Authority	NVTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$1.7M in CARES Act 5307 funds	\$1,675,538	62.0%
REG110041	Caltrans	GL: FTA Non-Urbanized Formula Program	Archive this group listing as all funds have been put into grants	\$0	0.0%
REG150002	Caltrans	GL: FTA 5311 Rural Area FY15	Archive group listings as funds have been put into grants	\$0	0.0%
REG190001	Metropolitan Transportation Commission (MTC)	MTC: COVID-19 Emergency Transit Operations	Update the funding plan to add \$3.2M in FY20 CARES Act 5307 funds and \$1.9M in FY21 CARES Act 5307 funds	\$5,075,777	65.0%
SCL190038	Santa Clara Valley Transportation Authority (VTA)	VTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$67.7M in CARES Act 5307 and \$900K in CARES Act 5311	\$68,552,110	93.9%
SF-150007	San Francisco Municipal Transport Agency (SFMTA)	SFMTA Farebox Replacement	Archive this project as it has been completed	\$0	0.0%



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SF-170008	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: Replace 35 Paratransit Cutaway Vans	Update the funding plan to add \$1.5M in Bridge Toll funds	\$1,503,849	60.0%
SF-170019	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: 40' Motor Coach Mid-Life Overhaul	Update the funding plan to remove FY21 and later funding and archive this project listing as further funding will be merged into SF-170018	-\$10,361,147	-17.0%
SF-190007	San Francisco Municipal Transport Agency (SFMTA)	SFMTA: COVID-19 Emergency Transit Operations	Update the funding plan to add \$177M in CARES Act 5307 funds	\$176,592,087	89.6%
SF-190009	Transbay Joint Powers Authority (TBJPA)	TJPA: COVID-19 Emergency Transit Operations	Amend a new exempt project into the TIP with \$583K in CARES Act 5307 funds	\$583,287	~%
SF-190013	San Francisco Municipal Transport Agency (SFMTA)	SFMTA Zero Emission Bus Procurement	Amend a new exempt project into the TIP with \$1M in 5307, \$4.9M in LCTOP, \$15.3M in Local funds and \$2M in RTP-LRP	\$23,225,000	~%
SM-050040	Caltrain	Caltrain: ADA Operating Set-aside	Archive this project as it is no longer active	\$0	0.0%
SM-070008	Caltrain	Caltrain South Terminal Phase II and III	Archive project as it is no longer active	\$0	0.0%
SM-110002	Redwood City	Redwood City Ferry Service	Update the funding plan to change the source for \$132K from Sales Tax to local general funds, remove \$768K in Sales Tax and \$4.2M in RTP-LRP and reprogram funds between years	-\$4,968,000	-62.1%
SM-130026	Caltrain	Caltrain Control Point Installation	Archive project as it has been completed	\$0	0.0%
SM-190010	San Mateo County Transit District (SAMTRANS)	SamTrans: COVID-19 Emergency Transit Operations	Update the funding plan to add \$16.6M in CARES Act 5307 and \$800K in CARES Act 5311	\$17,361,063	60.9%
SOL190020	Fairfield	Fairfield: COVID-19 Emergency Transit Operations	Update the funding plan to add \$1.9M in CARES Act 5307 funds	\$1,935,831	96.6%
SOL190021	Solano County Transit (SolTrans)	SolTrans: COVID-19 Emergency Transit Operations	Update the funding plan to add \$2.9M in CARES Act 5307 funds	\$2,941,048	113.5%
SOL190022	Vacaville	Vacaville: COVID-19 Emergency Transit Operations	Update the funding plan to add \$1.3M in CARES Act 5307 funds	\$1,301,228	266.3%
SOL190023	Solano Transportation Authority (STA)	Solano Regional Transit Improvements - TIRCP 2020	Amend a new exempt project to the TIP with \$10.4 M in TIRCP funds, \$750K in STA funds and \$6M in RTP-LRP funds	\$17,150,000	~%
SON030012	Santa Rosa City Bus	Santa Rosa City Bus: Transit Enhancements	Archive project as all funds have been obligated and put into grants	\$0	0.0%
SON070020	Santa Rosa City Bus	Santa Rosa City Bus Replacement Bus Purchase	Archive this project as it has been completed.	\$0	0.0%
SON150008	Santa Rosa City Bus	SantaRosa Bus: Bus Replacement Purchase	Update the project scope to increase the number of vehicles	\$0	0.0%

TIP Revision Summary 2019-45

TIP ID	Sponsor	Project Name	Description of Change	Funding Change (\$)	Funding Change (%)
SON150017	Santa Rosa City Bus	SR CityBus Non-Revenue Vehicle and Capital Equipmnt	Archive this project as there is no more federal action anticipated for this near complete project.	\$0	0.0%
SON150019	Santa Rosa City Bus	Implementation of Reimagining CityBus	Archive this project as it has been completed.	\$0	0.0%
SON190007	Sonoma County Transit	Sonoma Co Transit: COVID-19 Emergency Transit Ops	Update the funding plan to add \$2.2M in CARES Act 5307 and \$550K in CARES Act 5311	\$2,758,113	91.5%
SON190008	Petaluma	Petaluma: COVID-19 Emergency Transit Operations	Update the funding plan to add \$563K in CARES Act 5307 funds	\$562,604	112.9%
SON190009	Santa Rosa City Bus	SR CityBus: COVID-19 Emergency Transit Operations	Update the funding plan to add \$1.6M in CARES Act 5307 funds	\$1,581,689	63.4%
SON190010	Sonoma Marin Area Rail Transit (SMART)	SMART: COVID-19 Emergency Transit Operations	Update the funding plan to add \$4.6M in CARES Act 5307 funds	\$4,577,061	44.1%
VAR170020	Metropolitan Transportation Commission (MTC)	GL: FTA Section 5310 Program FY15, FY16 and FY17	Archive this group listing as all of the funds have been put into grants	\$0	0.0%

Total Funding Change: \$1,002,190,775

TIP Revision Summary

	Federal	State	Regional	Local	Total	2019 TIP Only
Current:	\$1,185,836,768	\$305,581,581	\$78,290,226	\$1,606,356,741	\$3,176,065,316	\$1,745,737,464
Proposed:	\$1,729,283,711	\$396,034,253	\$93,937,317	\$1,959,000,810	\$4,178,256,091	\$2,305,965,998
Delta:	\$543,446,943	\$90,452,672	\$15,647,091	\$352,644,069	\$1,002,190,775	\$560,228,534

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 11/20/19-C 12/18/19-C
 01/22/20-C 02/26/20-C 03/25/20-C
 05/27/20-C 06/24/20-C 07/22/20-C
 09/23/20-C 10/28/20-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, October 9, 2019, November 13, 2019, December 11, 2019, January 8, 2020, February 12, 2020, March 11, 2020, the Planning Committee summary sheet dated May 8, 2020, and the Programming & Allocations Committee summary sheet dated May 13, 2020, June 10, 2020, July 8, 2020, September 9, 2020, and October 14, 2020. 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

ABSTRACT

MTC Resolution No. 4375, Revised

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Revision #	Revision Type	# of Projects	Net Funding Change (\$)	MTC Approval Date	Final Approval Date
2019-10	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
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	9/10/2019
2019-19	Admin. Mod.	34	-\$6,469,315	10/7/2019	10/7/2019
2019-20	Admin. Mod.	6	\$0	10/31/2019	10/31/2019
2019-21	Amendment	15	-\$141,949,908	9/25/2019	10/18/2019
2019-22	Admin. Mod.	10	\$1,370,190	12/12/2019	12/12/2019
2019-23	Amendment	6	\$185,014,158	10/23/2019	11/13/2019
2019-24	Admin. Mod.	9	\$43,720,114	1/17/2020	1/17/2020
2019-25	Amendment	17	\$204,462,942	11/20/2019	12/23/2019
2019-26	Admin. Mod.	6	\$3,953,795	2/14/2020	2/14/2020
2019-27	Amendment	12	\$112,588,334	12/18/2019	2/26/2020
2019-28	Admin. Mod.	7	\$2,956,808	3/26/2020	3/26/2020
2019-29	Amendment	8	\$1,762,160	1/22/2020	2/26/2020
2019-30	Admin. Mod.	56	\$52,669,979	5/1/2020	5/1/2020
2019-31	Amendment	3	\$6,508,000	2/26/2020	4/2/2020
2019-32	Admin. Mod.	13	\$56,772,387	6/12/2020	6/12/2020
2019-33	Amendment	12	\$4,108,000	3/25/2020	6/3/2020
2019-34	Admin. Mod.	2	\$279,859,000	7/15/2020	7/15/2020
2019-35	Amendment	1	\$86,000,000	5/27/2020	7/21/2020
2019-36	Amendment	29	\$349,621,214	5/27/2020	6/23/2020
2019-37	Admin. Mod.	7	\$3,915,675	9/1/2020	9/1/2020
2019-38	Amendment	32	\$786,705,332	6/24/2020	7/21/2020
2019-39	Admin. Mod.	Pending	Pending	Pending	Pending
2019-40	Amendment	16	\$11,647,747	7/22/2020	8/18/2020

ABSTRACT

MTC Resolution No. 4375, Revised

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2019-41	Admin. Mod.	Pending	Pending	Pending	Pending
2019-42	Admin. Mod	Pending	Pending	Pending	Pending
2019-43	Amendment	25	\$52,785,198	9/23/2020	Pending
2019-44	Admin. Mod	Pending	Pending	Pending	Pending
2019-45	Amendment	139	\$1,002,190,775	10/28/2020	Pending
Net Funding Change		762	\$4,270,744,640		
Absolute Funding Change			\$4,691,599,492		

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 11/20/19-C 12/18/19-C
01/22/20-C 02/26/20-C 03/25/20-C
05/27/20-C 06/24/20-C 07/22/20-C
09/23/20-C 10/28/20-C

Attachment B
Resolution No. 4375, Revised
Page 1 of 18

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 received on September 6, 2019, and final federal approval was received on September 10, 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 is an administrative modification that revises 34 projects with a net funding decrease of approximately \$6.5 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on October 7, 2019. Among other changes, this revision:

- Updates the funding plans of 29 Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions and obligations;
- Updates the funding plan of the Alameda CTC's 7th Street Grade Separation East project to reflect the award of \$175 million in SB1 Trade Corridor Enhancement Program (TCEP) funds;
- Updates the funding plan and back-up listing of the Highway Safety Improvement Program (HSIP) group-listing to reflect the latest information from Caltrans including the addition of \$35,990 in HSIP funds; and
- Updates the funding plans of two projects to reflect the latest programming decisions in the Transit Capital Priorities Program.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$175 million in TCEP funds and \$35,990 in HSIP funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-19, 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 2019-20 is an administrative modification that revises six projects with no net change in funding. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on October 31, 2019. Among other changes, this revision updates the funding plans of the six Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect planned and future obligations, transfers of funding to the Federal Transit Administration and conversions of advanced construction to federal funds. MTC's 2019 TIP, as revised with Revision No. 2019-20, remains in conformity with the applicable State Implementation Plan (SIP) for air quality and the revision does not interfere with the timely implementation of the Transportation Control Measures contained in the SIP.

Revision 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 was received on October 7, 2019, and final federal approval was received on October 18, 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 an administrative modification that revises 10 projects with a net funding increase of approximately \$1.4 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on December 12, 2019. Among other changes, this revision:

- Updates the funding plans of three Regional Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflected planned obligations;
- Splits the Treasure Island Mobility Management Agency (TIMMA) sponsored Treasure Island Ferry Terminal Landside Improvements project out from the San Francisco County Transportation Authority sponsored Treasure Island Pricing Mobility Improvements project and programs \$3 million in FHWA Ferry Boat Discretionary to TIMMA's project;
- Splits the BART managed Transit Oriented Development Implementation program from the MTC managed Regional Planning-PDA Implementation program; and
- Updates the funding plan of the Golden Gate Bridge, Highway and Transportation District's Ferry Propulsion Systems Replacement project to reflect the programming of \$644,731 in FHWA Ferry Boat Program funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$3 million in Ferry Boat Discretionary and \$644,731 in Ferry Boat Program funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-22, 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 2019-23 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 was received on October 31, 2019, and final federal approval was received on November 13, 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.

Revision 2019-24 is an administrative modification that revises nine projects with a net funding increase of approximately \$43.7 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on January 17, 2020. Among other changes, this revision:

- Updates the funding plans of three Regional Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions including splitting out Alameda County's Complete Streets Improvements project from the Cherryland/Ashland/Castro Valley and Fairview Bicycle and Pedestrian Improvements project; and
- Updates the funding plans and back-up listings for four Caltrans-managed grouped listings to reflect changes in the Highway Safety Improvement Program, Highway Maintenance (HM) Program, and State Highway Operation and Protection Program (SHOPP), including splitting out the I-280 Roadway Preservation project from the SHOPP Roadway Preservation grouped listing.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$22.7 million in SHOPP funds, \$13.6 million in HM funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-24, 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 2019-25 is an amendment that revises 17 projects with a net funding increase of approximately \$204 million. The revision was referred by the Programming and Allocations Committee on November 13, 2019, and approved by the MTC Commission on November 20, 2019. Caltrans approval was received on November 21, 2019, and final federal approval was received on December 23, 2019. Among other changes, this revision:

- Updates the funding plan of the Golden Gate Bridge, Highway and Transportation District's Golden Gate Ferry: New Vessel project to reflect the award of \$5.9 million in FTA Passenger Ferry Grant Program funds;
- Adds two new exempt projects funded through Santa Clara County's Measure B sales tax program;
- Updates three individually-listed Highway Bridge Program (HBP) funded projects and combines six formerly individually-listed HBP projects into the HBP grouped listing based on the latest information from Caltrans;
- Updates the Caltrans-managed Section 130/Railroad-Highway Crossing grouped listing;
- Archives two projects as the funds have been obligated; and
- Deletes one project as the funding has been redirected.

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

Revision 2019-26 is an administrative modification that revises six projects with a net funding increase of approximately \$4 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on February 14, 2020. Among other changes, this revision:

- Updates the funding plans of two Surface Transportation Block Grant Program/ Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect the latest programming decisions; and
- Updates the funding plans and back-up listings for two grouped listings to reflect the latest programming decisions, including the addition of \$3.5 million in Section 130 Railroad-Highway Crossing program funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$3.5 million in Section 130 Railroad-Highway Crossing funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-26, 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 2019-27 is an amendment that revises 12 projects with a net funding increase of approximately \$113 million. The revision was referred by the Programming and Allocations Committee on December 11, 2019, and approved by the MTC Commission on December 18, 2019. Caltrans approval was received on January 2, 2020, and final federal approval was received on February 26, 2020. Among other changes, this revision:

- Updates the funding plans of two Water Emergency Transportation Authority projects to reflect the latest programming decisions;
- Updates four Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) funded projects to reflect changes in funding and scope;
- Updates the funding plan and back-up listing of the Highway Bridge Program grouped listing, amends one exempt project back into the TIP and revises the funding plan of another project to reflect the latest information from Caltrans; and
- Updates the funding plans and back-up listings of two Caltrans managed State Highway Operation and Protection Program (SHOPP) grouped listings to reflect the latest information from Caltrans.

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

Revision 2019-28 is an administrative modification that revises seven projects with a net funding increase of \$3 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on March 26, 2020. Among other changes, this revision:

- Updates the funding plans of three Surface Transportation Block Grant Program (STP) funded projects to reflect the latest programming decisions;
- Updates the funding plan of the California Ave. Roundabouts project in the City of Napa to reflect the latest programming decisions including the addition of \$280,000 in State Highway Operations and Protection Program (SHOPP) funds; and
- Updates the funding plan and back-up listing for the Local Highway Bridge Program 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 \$280,000 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. 2019-28, 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 2019-29 is an amendment that revises eight projects with a net funding increase of approximately \$1.8 million. The revision was referred by the Programming and Allocations Committee on January 8, 2020, and approved by the MTC Commission on January 22, 2020. Caltrans approval was received on January 30, 2020, and final federal approval was received on February 26, 2020. Among other changes, this revision:

- Updates the funding plans of three existing Petaluma Transit projects and amends two new projects into the TIP to reflect the programming of Transit Capital Priorities funds;
- Amends one new exempt project into the TIP to reflect the programming of One Bay Area Grant 2 County Program funds; and
- Amends one previously-archived project back into the TIP to reprogram cost savings among sub-projects.

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

Revision 2019-30 is an administrative modification that revises 56 projects with a net funding increase of \$53 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on May 1, 2020. Among other changes, this revision:

- Updates the funding plans of 17 Transit Capital Priorities funded projects to reflect the latest programming decisions;
- Updates the funding plans of 18 projects to reflect the recent adoption of the 2020 State Transportation Improvement Program (STIP) by the California Transportation Commission (CTC);
- Combines the ongoing funds for five transit operating project listings and four transit preventive maintenance project listings into two new grouped listings; and
- Updates the funding plans and back-up listings for four existing grouped listings to reflect the latest information from Caltrans including the addition of \$41.8 million in State Highway Operation and Protection Program (SHOPP) funding and \$3.4 million in Section 130 Railroad-Highway Crossing Program funds.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$4 million in STIP funds, \$41.8 million in SHOPP funds, and \$3.4 million in Section 130 Railroad-Highway Crossing Program funds to reflect the net change in funding over the four years of the TIP. MTC's 2019 TIP, as revised with Revision No. 2019-30, 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 2019-31 is an amendment that revises three projects with a net funding increase of approximately \$6.5 million. The revision was referred by the Programming and Allocations Committee on February 12, 2020, and approved by the MTC Commission on February 26, 2020. Caltrans approval was received on March 18, 2020, and final federal approval was received on April 2, 2020. Among other changes, this revision:

- Amends SolTrans's Electric Bus Charging Infrastructure project into the TIP to reflect the award of \$1.8 million in FTA Bus and Bus Facilities Program funds;
- Updates the scope and funding of the City of Concord's Willow Pass Road Repaving and Safe Routes to Schools Improvements project; and
- Archives one completed project.

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

Revision 2019-32 is an administrative modification that revises 13 projects with a net funding increase of \$57 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on June 12, 2020. Among other changes, this revision:

- Updates the funding plans of three projects to reflect the reprogramming of repurposed earmark funds between the Alameda County Transportation Commission's GoPort projects;
- Updates the funding plans of three projects to reflect changes in the Transit Capital Priorities (TCP) and the Low Carbon Transit Operations Program (LCTOP);
- Updates the Bay Area Rapid Transit (BART) District's Railcar Procurement Program to reflect the award of \$107 million in Transit and Intercity Rail Capital Program (TIRCP) funds with no change to the total cost of the program; and
- Updates the funding plans and back-up listings for four existing grouped listings to reflect the latest information from Caltrans including the addition of \$53 million in State Highway Operation and Protection Program (SHOPP) funding.

The administrative modification is financially constrained by year and MTC relies on existing regional capacity in the amount of \$2.6 million and on the State's programming capacity in the amount of \$1 million in LCTOP, \$107 million in TIRCP, and \$53 million in SHOPP funds to reflect the net change in funding over the four years of the TIP. Funding in years outside the active years of the TIP has been decreased by \$107 million. MTC's 2019 TIP, as revised with Revision No. 2019-32, 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 2019-33 is an amendment that revises 12 projects with a net funding increase of approximately \$4.1 million. The revision was referred by the Programming and Allocations Committee on March 11, 2020, and approved by the MTC Commission on March 25, 2020. Caltrans approval was received on April 2, 2020, and final federal approval was received on June 3, 2020. Among other changes, this revision:

- Updates the descriptions of two projects to reflect that a 3,200 foot extension of a south-bound High Occupancy Vehicle (HOV) lane on I-280 will be implemented by Caltrans instead of the Santa Clara Valley Transportation Authority (VTA);
- Amends four new exempt projects and one new non-exempt project into the TIP to reflect the latest programming decisions in the One Bay Area Grant 2 (OBAG2) Program, MTC Regional Exchange Program, and Transit Capital Priorities (TCP) Program; and
- Archives three projects that have been completed.

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

Revision 2019-34 is an administrative modification that revises two projects with a net funding increase of \$280 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on July 15, 2020. Among other changes, this revision:

- Updates one project to reflect changes in the Transit Capital Priorities program; and
- Updates the funding plan and back-up listing for one grouped listing to reflect the latest information from Caltrans including the addition of \$280 million in State Highway Operation and Protection Program (SHOPP) funding.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$40 million in SHOPP funds to reflect the net change in funding over the four years of the TIP. Funding in years outside the active years of the TIP has been increased by \$240 million. MTC's 2019 TIP, as revised with Revision No. 2019-34, 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 2019-35 is an amendment that revises the I-680 Express Lane Gap Closure Project in Alameda County to maintain consistency with the Amended Plan Bay Area 2040, including a net increase in funding of approximately \$86 million. The revision was approved by the MTC Commission on May 27, 2020. Caltrans approval was received on June 2, 2020 and final federal approval was received on July 21, 2020. Changes made with this revision do not conflict with the financial constraint requirements. The revision of this project to the 2019 TIP requires a new Transportation-Air Quality Conformity Analysis on the Amended Plan Bay Area 2040 and the Amended 2019 TIP. In accordance with MTC's public participation plan, this amendment and conformity analysis were released for public review on March 26, 2020 and the public review period ended on April 24, 2020.

Revision 2019-36 is an amendment that revises 29 projects with a net funding increase of approximately \$350 million. The revision was approved by the MTC Commission on May 27, 2020. Caltrans approval was received on June 2, 2020 and final federal approval was received on June 23, 2020. Among other changes, this revision:

- Amends two new projects into the TIP and updates six other projects to reflect the recent adoption of the 2020 State Transportation Improvement Program (STIP) by the California Transportation Commission (CTC);

- Amends the Santa Clara Valley Transportation Authority's (VTA's) "Not on Transit" Program into the TIP to reflect the award of \$350,000 in Federal Transit Administration (FTA) Human Trafficking Awareness and Public Safety Initiative Grant funds. This program aims to train employees and raise passenger awareness to recognize and report human trafficking activities on transit;
- Updates the funding plans of six projects, amends one new project into the TIP and deletes an existing project to reflect changes in the Transit Capital Priorities (TCP) Program;
- Amends four other new exempt, individually-listed projects and one new grouped listing, totaling \$103 million, into the TIP; and
- Archives five projects as they have been completed or all federal funds for the project have been obligated.

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

Revision 2019-37 is an administrative modification that revises seven projects with a net funding increase of \$4 million. The revision was approved into the Federal-Statewide TIP by the Deputy Executive Director on September 1, 2020. Among other changes, this revision:

- Updates two projects to reflect grants from the Affordable Housing and Sustainable Communities (AHSC) program; and
- Updates the funding plans for two regional Surface Transportation Block Grant Program funded projects to reflect the latest schedules.

The administrative modification is financially constrained by year and MTC relies on the State's programming capacity in the amount of \$6.8 million in AHSC funds to reflect the net change in funding over the four years of the TIP. Funding from other sources decreased by a total of \$2.9 million across all program years. MTC's 2019 TIP, as revised with Revision No. 2019-37, 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 2019-38 is an amendment that revises 32 projects with a net funding increase of approximately \$787 million. The revision was referred by the Programming and Allocations Committee on June 10, 2020, and approved by the MTC Commission on June 24, 2020. Caltrans approval was received on July 13, 2020, and final federal approval was received on July 21, 2020. Among other changes, this revision:

- Adds 26 new projects to the TIP to reflect the programming of Coronavirus Aid, Relief, and Economic Security (CARES) Act funds to the region's transit operators;
- Adds three new projects to the TIP to reflect the funding available through the Transit Capital Priorities (TCP) Program; and
- Updates the funding plan of one project and deletes one project to reflect the latest programming decisions in the North Bay Priority Conservation (PCA) Area Grant Program.

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

Revision 2019-39 is a pending administrative modification.

Revision 2019-40 is an amendment that revises 16 projects with a net funding increase of approximately \$12 million. The revision was referred by the Programming and Allocations Committee on July 8, 2020, and approved by the MTC Commission on July 22, 2020. Caltrans approval was received on August 3, 2020, and final federal approval was received on August 18, 2020. Among other changes, this revision:

- Adds three new projects, updates six existing projects and deletes four projects to reflect changes in the Transit Capital Priorities program;
- Adds one new Surface Transportation Program/Congestion Mitigation and Air Quality Improvement program (STP/CMAQ) funded project and updates an existing STP/CMAQ funded project; and
- Adds one new Transit and Intercity Rail Capital Program (TIRCP) funded project.

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

Revision 2019-41 is a pending administrative modification.

Revision 2019-42 is a pending administrative modification.

Revision 2019-43 is an amendment that revises 25 projects with a net funding increase of approximately \$53 million. The revision was referred by the Programming and Allocations Committee on September 9, 2020 and approved by the MTC Commission on September 23, 2020. Caltrans approval is expected in late October 2020, and final federal approval is expected in mid-November 2020. Among other changes, this revision will:

- Amend nine new exempt projects into the TIP and archive one existing project to reflect changes in the Transit Capital Priorities program;
- Amend three new exempt projects into the TIP and update three existing projects to reflect the latest Regional Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) programming decisions;
- Update Bay Area Rapid Transit's (BART) Transit Oriented Development (TOD) Implementation project to reflect the recent award of Federal Transit Administration TOD Planning Grant funds; and
- Archive four projects as they have been completed or all federal funds have been obligated and delete one project as it will not move forward.

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

Revision 2019-44 is a pending administrative modification.

Revision 2019-45 is an amendment that revises 139 projects with a net funding increase of approximately \$1 billion. The revision was referred by the Programming and Allocations Committee on October 14, 2020 and approved by the MTC Commission on October 28, 2020. Caltrans approval is expected in late November 2020, and final federal approval is expected in mid-December 2020. Among other changes, this revision will:

- Add one new Active Transportation Program (ATP) funded project and update one existing ATP funded project to reflect the latest programming decisions;
- Add one new project to the TIP and update the funding plans of 21 existing projects to reflect the programming of Coronavirus Aid, Relief, and Economic Security (CARES) Act funds to the region's transit operators;
- Add six new projects to the TIP to reflect the award of grants from the Advanced Transportation and Congestion Management Technologies Deployment Program, the Automated Driving System Demonstration Grant Program, the Trade Corridor Enhancement Program, the Transit and Intercity Rail Capital Program, and MTC's Regional Exchange Program;
- Update 22 projects to reflect changes in local funding programs;
- Add one new project funded through the Regional Surface Transportation Block Grant Program/Congestion Mitigation and Air Quality Improvement Program (STP/CMAQ) and update four existing STP/CMAQ funded projects;
- Add two new projects funded through the Transit Capital Priorities (TCP) Program and update three existing TCP Program funded projects;
- Archive 65 individual project listings and three group listings as the projects have been completed or all funding has been obligated; and
- Delete eight projects as they will not move forward at this time.

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