

Metropolitan Transportation Commission Programming and Allocations Committee

July 14, 2021

Agenda Item 2c - 21-0891

MTC Resolution No. 4273, Revised. Transit Performance Initiative – Investment Program Semi-Annual Update and Reprogramming of VTA FY2019 Award

Subject: Semi-annual update on the progress of projects awarded under the Transit Performance Initiative (TPI) Investment Program and reprogramming of the VTA FY2019 Award, 2021 Zero Emission Bus Procurement, to the Charging Infrastructure and Microgrid Technology Project.

Background: The TPI Investment program funds low-cost capital investments that can be implemented rapidly to improve operations and customer experience on major transit corridors and systems. Since 2012, \$98.3 million has been programmed to 35 projects, and 19 of these have been completed or are substantially completed.

The first four rounds of the TPI program were funded by federal Cycle 2 STP/CMAQ funds. In May 2016, the Commission committed one-third of the region's annual population-based Low Carbon Transit Operations Program (LCTOP) funds to augment the TPI program, subject to the region's Cap and Trade Framework in MTC Resolution No. 4130, Revised. Four cycles of LCTOP funds have been programmed by MTC, including \$2.7 million in FY21 LCTOP funds programmed in March 2021 but still under review by Caltrans. TPI projects awarded this year will begin reporting during the next semi-annual report period.

The COVID-19 crisis has caused delays on many ongoing projects due to staffing issues, communication difficulties, and suspended construction activities. Most projects that were suspended or delayed have begun to move forward again with completion dates pushed back by a year or more. Some project schedules remain uncertain as agencies recover from COVID-19 impacts.

This program update covers the period from December 2020 through May 2021. Please refer to attachments A and B for further information.

Reprogramming VTA 2021 Zero Emission Bus Procurement

To prioritize procurement of charging infrastructure to support electrification of the bus fleet before procuring additional zero-emission vehicles, VTA has requested to reprogram their FY 2018-19 LCTOP award for the 2021 Zero Emission Bus Procurement Project to the new Charging Infrastructure and Microgrid Technology Project. VTA previously committed local funds to the Eastridge to BART Regional Connector project (EBRC) to count as their TPI award for that year, and EBRC will continue to count as their FY2018-19 TPI award.

Staff recommends approving VTA's request to reprogram these funds. This change will require updating MTC Resolution No. 4273, Revised, to reprogram the Low-Carbon Transit Operations Program (LCTOP) funds.

Future Calls for Projects

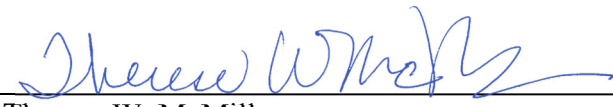
Through this funding program, operators have completed projects that improve transit reliability, speed, and rider experience. Not only has transit service benefitted from these projects, but agencies have built up toolkits and experience on how to get transit out of traffic. With additional funding, more projects can be implemented to improve transit service.

Consistent with Blue Ribbon Transit Recovery Task Force strategies to focus on Bus Priority, and in continuing with the ongoing goals of the TPI program, staff is initiating regional discussions as to the support for a larger call for projects for late 2021/early 2022. Funding for this call could include up to \$15 million in Transit Priority OBAG 2 funds in addition to future LCTOP funds. Staff will return to the Commission for direction in releasing the call for projects.

Issues: None

Recommendation: Refer MTC Resolution No. 4273, Revised, to the Commission for approval.

Attachments: Attachment A: Summary of TPI Investment Program Projects by Round
Attachment B: TPI Investment Program Project Updates Presentation Slides
MTC Resolution No. 4273, Revised


Therese W. McMillan

Transit Performance Initiative - Investment Program Projects by Round (\$ in millions)

1st Round (Approved May 2012)

Agency	Project	TPI Award (\$ millions)
AC Transit	Line 51 Corridor Delay Reduction & Sustainability Project Complete	\$10.5
San Francisco Municipal Transportation Authority (SFMTA)	Mission Customer First Substantially Complete	\$5.4
	N-Judah Customer First* Substantially Complete	\$2.4
	Colored Lanes on MTA Rapid Network* Original Scope Complete (added scope ongoing)	\$3.0
	Bus Stop Consolidation and Roadway Modification (9-San Bruno)** Complete	\$4.1
	Light Rail Transit Signal Priority Improvements	\$1.6
Santa Clara Valley Transportation Authority (SCVTA)	Stevens Creek — Limited 323 Transit Signal Priority Complete	\$0.7
Total		\$27.7

*In July 2015, MTC approved reprogramming of \$3 million from the SFMTA Round 1 N-Judah Customer First project to the Colored Lanes on MTA Rapid Network project

**Scope determined Sept. 2014. Project is reporting with Round 2 projects

2nd Round (Approved September 2014)

Agency	Project	TPI Award (\$ millions)
Various – Small Operators	Clipper Phase 3 Implementation Complete	\$8.0
Santa Clara Valley Transportation Authority (SCVTA)	Mountain View Double Track Improvements – Phase 1 Complete	\$8.0
City of Dublin/ Livermore Amador Valley Transit Authority (LAVTA)	Dublin Boulevard Transit Performance Initiative Complete	\$1.0
AC Transit	South Alameda County Major Corridors Travel Time Improvement Complete	\$5.0
San Francisco Municipal Transportation Authority (SFMTA)*	Colored Lanes on MTA Rapid Network Original Scope Complete (added scope ongoing)	\$1.0
	Geary BRT Phase 1	\$4.0
Total		\$27.0

*In January 2017, MTC approved reprogramming \$4 million from the SFMTA Round 2 Colored Lanes and Muni Forward projects to Geary BRT Phase 1, which was also awarded TPI Round 3 funds.

3rd Round (Approved January 2017)

Agency	Project	TPI Amount (\$ millions)
Various	Bay Bridge Forward (AC Transit Double Deckers + Bus Wash + West Grand TSP)	\$10.0
SFMTA	Geary BRT Phase 1	\$5.6
SamTrans	Traffic Signal Priority on El Camino Real Substantially	\$3.5
BART	Train Seat Modification Project Complete	\$1.5
AC Transit*	San Pablo and Telegraph Rapid Bus Upgrades Project	\$5.0
VTA	Santa Clara Light Rail Crossovers and Switches Complete	\$0.5
Total		\$26.1

*AC Transit received a total of \$5M in combined federal STP/CMAQ funds and state Cap and Trade LCTOP funds.

4th Round - North Bay (Approved July 2017)

County	Project	TPI Amount (\$ millions)
Marin	Novato Downtown SMART Station Phase 2 Complete	\$0.5
Sonoma	Santa Rosa CityBus New Transit System Optimization	\$0.4
Napa	NVTA Imola Ave and SR-29 Express Bus Improvements	\$0.4
Solano	SolanoExpress Fairgrounds Drive/SR-37 Bus Stop Complete	\$1.0
Total		\$2.3

**Transit Performance Initiative - Investment Program
Projects by Round - *Continued*** (\$ in millions)

Low Carbon Transit Operations Program FY 2017-18 (Approved March 2018)

Agency	Project	TPI Amount (\$ millions)
SFMTA	Mission Bay Loop <i>Complete</i>	\$1.4
VTA	Eastridge to BART Regional Connector*	\$0.9
AC Transit	San Leandro BART -- Transit Access Improvements <i>Substantially Complete</i>	\$0.6
AC Transit	South Alameda County Major Corridors Travel Time Improvement Project <i>Complete</i>	\$0.2
Total		\$3.1

*In December 2020, MTC approved reprogramming of VTA's North First Street Light Rail Speed and Safety Improvements Project - Phase 1 to the Eastridge to BART Regional Connector

Low Carbon Transit Operations Program FY 2018-19 (Approved April 2019)

Agency	Project	TPI Amount (\$ millions)
SFMTA	West Portal Optimization and Crossover Activation <i>Complete</i>	\$2.2
VTA	Eastridge to BART Regional Connector*	\$1.3
AC Transit	Dumbarton Innovative Deployments to Enhance Arterials (IDEA)	\$1.2
Total		\$4.7

*VTA's FY 2018-19 LCTOP TPI award went to the 2021 Zero-Emission Bus Purchase program, which was ineligible under the TPI program. VTA has committed the same amount of local funds to the Eastridge to BART Regional Connector as a TPI-eligible replacement project.

Low Carbon Transit Operations Program FY 2019-20 (Approved March 2020)

Agency	Project	TPI Amount (\$ millions)
NVTA	Imola Park and Ride and Express Bus Stop Improvements	\$1.1
ECCTA	Wi-Fi for Bus and Paratransit Rider Connectivity <i>Substantially Complete</i>	\$0.3
SFMTA	27 Bryant Tenderloin Transit Reliability Project	\$3.3
Total		\$4.7

Low Carbon Transit Operations Program FY 2020-21 (Approved March 2021)

Agency	Project	TPI Amount (\$ millions)
SFMTA	5 Fulton: Arguello to 25th Ave Muni Forward	\$1.2
VTA	Eastridge to BART Regional Connector	\$0.7
AC Transit	AC Transit Quick Build Transit Lanes	\$0.7
Total		\$2.7

TPI Program Grand Total		\$98.3
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Transit Performance Initiative - Investment Program Projects by Operator (\$ in millions)

SFMTA	TPI Award (\$ millions)
Mission Customer First <i>Substantially Complete</i>	\$5.4
N-Judah Customer First <i>Substantially Complete</i>	\$2.4
Bus Stop Consolidation and Roadway Modification (9-San Bruno) <i>Complete</i>	\$4.1
Colored Lanes on MTA Rapid Network <i>Original Scope Complete (added scope ongoing)</i>	\$4.0
Geary BRT Phase 1	\$9.6
Mission Bay Loop	\$1.4
West Portal Optimization and Crossover Activation <i>Complete</i>	\$2.2
27-Bryant Tenderloin Transit Reliability Project	\$3.3
5 Fulton: Arguello to 25th Ave Muni Forward	\$1.2
Total SFMTA	\$33.7

AC Transit	TPI Award (\$ millions)
Line 51 Corridor Delay Reduction & Sustainability Project <i>Complete</i>	\$10.5
South Alameda County Major Corridors Travel Time Improvement <i>Complete</i>	\$5.2
San Pablo and Telegraph Rapid Bus Upgrades Project	\$5.0
San Leandro BART -- Transit Access Improvements <i>Substantially Complete</i>	\$0.6
Dumbarton Innovative Deployments to Enhance Arterials (IDEA)	\$1.2
Quick Build Transit Lanes	\$0.7
Subtotal AC Transit Awards	\$23.2
Bay Bridge Forward (AC Transit Double Deckers + Bus Wash + West Grand TSP)	\$10.0
Total AC Transit	\$33.2

VTA	TPI Award (\$ millions)
Light Rail Transit Signal Priority Improvements	\$1.6
Stevens Creek — Limited 323 Transit Signal Priority <i>Complete</i>	\$0.7
Mountain View Double Track Improvements — Phase 1 <i>Complete</i>	\$8.0
Santa Clara Light Rail Crossovers and Switches <i>Complete</i>	\$0.5
Eastridge to BART Regional Connector*	\$2.9
Total VTA	\$13.7

Other Operators/Projects	TPI Award (\$ millions)
LAVTA/Dublin — Dublin Boulevard Transit Performance Initiative <i>Complete</i>	\$1.0
SamTrans — Traffic Signal Priority on El Camino Real	\$3.5
BART — Train Seat Modification Project <i>Complete</i>	\$1.5
Novato — Downtown SMART Station <i>Phase 2 Complete</i>	\$0.5
Santa Rosa CityBus — New Transit System Optimization	\$0.4
NVTA — Imola Ave and SR-29 Express Bus Improvements	\$1.5
SolanoExpress — Fairgrounds Drive/SR-37 Bus Stop <i>Complete</i>	\$1.0
Clipper — Phase 3 Implementation <i>Complete</i>	\$8.0
Tri-Delta Transit — Wi-Fi for Bus and Paratransit Rider Connectivity <i>Substantially Complete</i>	\$0.3
Total Other	\$17.7

TPI Program Grand Total	\$98.3
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Date: March 22, 2017
W.I.: 1515
Referred by: PAC
Revised: 03/22/17-ED 04/26/17-C
05/24/17-ED 03/28/18-C
05/23/18-ED 04/24/19-C
06/26/19-C 03/25/20-C
06/24/20-ED 11/20/20-ED
12/16/20-C 03/24/21-C
07/28/21-C

ABSTRACT

Resolution No. 4273, Revised

This resolution adopts the allocation requests for the Cap and Trade Low Carbon Transit Operations Program for the San Francisco Bay Area.

This resolution includes the following attachments:

Attachment A – Cap and Trade Low Carbon Transit Operations Program – Population-based Funds Project List

This resolution was amended through Executive Director’s Administrative Authority on March 22, 2017 to update the name of the GGBHTD project.

This resolution was revised via Commission Action on April 26, 2017 to replace the SFMTA Geary Bus Rapid Transit Phase 1 project with the AC Transit San Pablo and Telegraph Rapid Bus Upgrades project.

This resolution was amended through Executive Director’s Administrative Authority on May 24, 2017 to replace the City of Union City Convert New Cutaway Vans from Gasoline to Gasoline-Hybrid project with the AC Transit East Bay Bus Rapid Transit project.

This resolution was revised via Commission Action on March 28, 2018 to add the FY 2017-18 LCTOP Population-based Funds Project List to Attachment A, and to add the Transit Performance Initiative Project Savings Policy as Attachment B.

ABSTRACT

MTC Resolution No. 4273

Page 2

This resolution was amended through Executive Director's Administrative Authority on May 23, 2018 to replace the FY 2017-18 AC Transit East Bay Bus Rapid Transit project with the AC Transit San Leandro BART – Transit Access Improvements project.

This resolution was revised via Commission Action on April 24, 2019 to add the FY 2018-19 LCTOP Population-based Funds Project List to Attachment A.

This resolution was revised via Commission Action on June 26, 2019 to replace the FY 2018-19 VTA Fast Transit Program: Speed Improvement Project with the VTA 2021 Zero Emission Bus Procurement project.

This resolution was revised via Commission Action on March 25, 2020 to add the FY 2019-20 LCTOP Population-based Funds Project List to Attachment A and to revise LAVTA's FY2017-18 project.

This resolution was revised through Executive Director's Administrative Authority on June 24, 2020 to replace the FY 2016-17 City of Fairfield Local Bus Fleet Replacement – Diesel-Electric Hybrid Buses project with the City of Fairfield Destination Sign and Voice Announcement System Upgrade Project, replace the FY2017-18 City of Fairfield Electric Bus Infrastructure Upgrade Project with the City of Fairfield COVID-19 Response and Recovery Free and/or Reduced Fare Program, and replace the FY2018-19 City of Fairfield Electric Infrastructure Upgrade Phase I Project with the City of Fairfield COVID-19 Response and Recovery Free and/or Reduced Fare Program.

This resolution was revised through Executive Director's Administrative Authority on November 20, 2020 to reprogram \$100,824 in savings from the FY2018-19 Solano County Transit SolTrans All-Electric Bus Purchase project to the FY2018-19 Solano County Transit Electrical Infrastructure for Charging All-Electric Buses project.

This resolution was revised through Commission Action on December 16, 2020 to replace the FY 2017-18 VTA North First Street Light Rail Speed and Safety Improvement Project – Phase 1 with the VTA Eastridge to BART Regional Connector project, and to update the footnote on VTA's FY 2018-19 project.

ABSTRACT

MTC Resolution No. 4273

Page 3

This resolution was revised through Commission Action on March 24, 2021 to add the FY 2020-21 LCTOP Population-based Funds Project List to Attachment A.

This resolution was revised through Commission Action on July 28, 2021 to replace the FY 2018-19 VTA 2021 Zero Emission Bus Procurement Project with the VTA Charging Infrastructure and Microgrid Technology Project.

Further discussion of these actions is contained in the Programming and Allocations Summary Sheets dated March 8, 2017, April 12, 2017, March 7, 2018, April 10, 2019, June 12, 2019, March 11, 2020, December 9, 2020, March 10, 2021, and July 14, 2021.

Date: March 22, 2017
W.I.: 1515
Referred by: PAC

RE: Cap and Trade Low Carbon Transit Operations Program

METROPOLITAN TRANSPORTATION COMMISSION
RESOLUTION NO. 4273

WHEREAS, the Metropolitan Transportation Commission (MTC) is the regional transportation planning agency for the San Francisco Bay Area pursuant to Government Code Section 66500 et seq.; and

WHEREAS, Plan Bay Area (“Plan”), the region’s integrated long-range transportation and land use plan adopted by MTC, provides the planning foundation for transportation improvements and regional growth throughout the San Francisco Bay Area through 2040; and

WHEREAS, the Plan includes a \$3.1 billion reserve from future Cap and Trade funding; and

WHEREAS, the Plan identifies the expected uses of Cap and Trade funding as including but not limited to transit operating and capital rehabilitation/replacement, local streets and roads rehabilitation, goods movement, and transit-oriented affordable housing, consistent with the Plan's focused land use strategy; and

WHEREAS, the Plan states that Cap and Trade revenues will be allocated to specific programs through a transparent and inclusive regional public process; and

WHEREAS, the Plan calls for the process to ensure that at least 25 percent of the Cap and Trade revenues will be spent to benefit disadvantaged communities in the Bay Area; and

WHEREAS, Senate Bill 852 (Statutes 2014) establishes the Low Carbon Transit Operations Program (LCTOP) from the Greenhouse Gas Reduction Fund; and

WHEREAS, MTC is the recipient of the population-based funding in LCTOP funds pursuant to Public Utilities Code Section 99313 and 99314; and

WHEREAS, MTC has adopted Resolutions 4123 and 4130, a Programming Framework for the Cap and Trade funds and Transit Core Capacity Challenge Grant program; and

WHEREAS, staff has prepared a LCTOP population-based funding allocation request list, Attachment A, for submittal to Caltrans based on the distribution formula in Resolution 4130, said attachment attached hereto and incorporated herein as though set forth at length; and

WHEREAS, MTC is an eligible project sponsor and may receive state funding from the LCTOP now or sometime in the future for transit projects; and

WHEREAS, the statutes related to state-funded transit projects require a local or regional implementing agency to abide by various regulations; and

WHEREAS, Senate Bill 862 (2014) named the Department of Transportation (Department) as the administrative agency for the LCTOP; and

WHEREAS, the Department has developed guidelines for the purpose of administering and distributing LCTOP funds to eligible project sponsors (local agencies); and

WHEREAS, MTC wishes to implement the LCTOP program of projects attached hereto as Attachment A; now, therefore, be it

RESOLVED, that MTC adopts LCTOP program of projects, attached hereto as Attachment A, and finds it consistent with the RTP; and, be it further


RESOLVED, that MTC agrees to comply with all conditions and requirements set forth in the applicable statutes, regulations and guidelines for all LCTOP funded transit projects; and, be it further

RESOLVED, that MTC hereby authorizes the submittal of the project nominations and allocation requests to the Department in LCTOP funds attached hereto as Attachment A; and, be it further

RESOLVED, that the Executive Director is authorized to make changes to Attachment A, including revisions to existing allocation requests up to \$1,000,000, and authorize new

allocations up to \$1,000,000 to conform to sponsor requests, and Caltrans and State Controller's actions.

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 March 22, 2017.

Date: March 22, 2017

WI: 1515

Referred by: PAC

Attachment A

Resolution No. 4273

Revised: 03/22/17-ED 04/26/17-C 05/24/17-ED 03/28/18-C

05/23/18-ED 04/24/19-C 06/26/19-C 03/25/20-C

06/24/20-ED 11/20/20-ED 12/16/20-C 3/24/21-C

07/28/21-C

FY 2016-17 Low Carbon Transit Operations Program Requests

Based on State Controller's Office Letter dated 2/1/2017

Agency	Project(s)	FY 2016-17 LCTOP Population-Based Funding	Date
CCCTA	Martinez Shuttle	\$ 228,378	3/22/17
ECCTA	Pittsburg eBART Connector Service Demonstration Project	\$ 137,935	3/22/17
LAVTA	Las Positas College Easy Pass Fare Voucher Program	\$ 94,419	3/22/17
NVTA	Vine ZEB Procurement Program	\$ 65,105	3/22/17
AC Transit (from Union City) ⁴	East Bay Bus Rapid Transit Project	\$ 33,064	5/24/17
WCCTA	Continue Expanded Service on Route 11	\$ 30,450	3/22/17
GGBHTD ¹	Purchase Sixty-seven (67) 40-Foot Diesel-Electric Hybrid Buses	\$ 74,635	3/22/17
Marin Transit ¹	MCTD 2016 Transit Service Expansion	\$ 45,803	3/22/17
City of Fairfield ²	Destination Sign and Voice Announcement System Upgrade	\$ 67,091	6/24/20
Solano County Transit ²	SolTrans Electric Bus Purchase	\$ 129,018	3/22/17
City of Petaluma ³	Weekday Afternoon Service Enhancements	\$ 27,715	3/22/17
City of Santa Rosa ³	Increased Frequency on Trunk Routes - Santa Rosa CityBus Operating	\$ 80,639	3/22/17
Sonoma County Transit ³	Electric Bus Purchase	\$ 122,069	3/22/17
North Counties / Small Operators Subtotal		\$ 1,136,320	
MTC	Clipper Fare Payment System	\$ 1,118,681	3/22/17
AC Transit	San Pablo and Telegraph Rapid Bus Upgrades	\$ 1,118,681	4/26/17
TOTAL		\$ 3,373,683	

* MTC approval conditioned on local support documentation submitted to Caltrans

1. Marin County received \$120,438, and distributed between Marin Transit and GGBHTD as noted.

2. Solano County received \$196,109, and distributed between City of Fairfield and Solano County Transit as noted.

3. Sonoma County received \$230,423, and distributed between City of Petaluma, City of Santa Rosa, and Sonoma County Transit as noted.

4. City of Union City received \$33,064 and released funds back to MTC. These funds have been re-programmed to AC Transit for FY16-17 as noted. When MTC distributes population-based funds for the FY17-18 LCTOP program according to the Cap and Trade Funding Framework (MTC Resolution No. 4130, Revised), the same amount will be redirected from the Transit Performance Initiative category to the North Counties/Small Operators category, provided that sufficient funds are available.

Date: March 22, 2017

WI: 1515

Referred by: PAC

Attachment A

Resolution No. 4273

Revised: 03/22/17-ED 04/26/17-C 05/24/17-ED 03/28/18-C

05/23/18-ED 04/24/19-C 06/26/19-C 03/25/20-C

06/24/20-ED 11/20/20-ED 12/16/20-C 3/24/21-C

07/28/21-C

FY 2017-18 Low Carbon Transit Operations Program Requests

Based on State Controller's Office Letter dated 2/7/2018

Agency	Project(s)	FY 2017-18 LCTOP Population-Based Funding	Date
CCCTA	New Service and Additional Weekend Trips (Martinez DAC)	\$ 375,378	3/28/18
CCCTA	Low/No Electric Bus	\$ 265,319	3/28/18
ECCTA	Continue Service -- New Route 381	\$ 386,968	3/28/18
LAVTA	Fare-Free Summer Rides Promotion	\$ 264,885	3/25/20
NVTA	Vine Zero Emission Bus (ZEB) Procurement Program	\$ 182,646	3/28/18
Union City ¹	Paratransit Vehicle Replacement	\$ 125,822	3/28/18
WCCTA	Purchase and Install New AVL/CAD/APC System	\$ 85,426	3/28/18
GGBHTD ²	Purchase Sixty-four (64) 40-foot Diesel-Electric Hybrid Buses	\$ 202,999	3/28/18
Marin Transit ²	MCTD 2016 Transit Expansion [Third year]	\$ 134,881	3/28/18
City of Fairfield ³	Fairfield COVID-19 Response and Recovery Free and/or Reduced Fare Program	\$ 189,628	6/24/20
Solano County Transit ³	SolTrans Electric Bus Purchase	\$ 360,542	3/28/18
City of Petaluma ⁴	Enhanced Weekday Afternoon Transit Service	\$ 77,990	3/28/18
City of Santa Rosa ⁴	Maintain Increased Frequency on Trunk Routes and Improve Route 15 Service - Santa Rosa CityBus Operating	\$ 226,261	3/28/18
Sonoma County Transit ⁴	Electric Bus Purchase	\$ 342,183	3/28/18
North Counties / Small Operators Subtotal		\$ 3,220,928	
MTC	Clipper Fare Payment System	\$ 3,138,381	3/28/18
SFMTA	Mission Bay Loop	\$ 1,440,568	3/28/18
VTA	Eastridge to BART Regional Connector	\$ 874,631	12/16/20
AC Transit	San Leandro BART -- Transit Access Improvements	\$ 579,338	5/23/18
AC Transit	South Alameda County Major Corridors Travel Time Improvement	\$ 210,780	3/28/18
TOTAL		\$ 9,464,626	

* MTC approval conditioned on local support documentation submitted to Caltrans

1. City of Union City amount includes \$33,064 in funds from Transit Performance Initiative category as discussed in note 4 of FY2016-17 table.

2. Marin County received \$337,880, and distributed between Marin Transit and GGBHTD as noted.

3. Solano County received \$550,170, and distributed between City of Fairfield and Solano County Transit as noted.

4. Sonoma County received \$646,434 and distributed between City of Petaluma, City of Santa Rosa, and Sonoma County Transit as noted.

Date: March 22, 2017

WI: 1515

Referred by: PAC

Attachment A

Resolution No. 4273

Revised: 03/22/17-ED 04/26/17-C 05/24/17-ED 03/28/18-C

05/23/18-ED 04/24/19-C 06/26/19-C 03/25/20-C

06/24/20-ED 11/20/20-ED 12/16/20-C 3/24/21-C

07/28/21-C

FY 2018-19 Low Carbon Transit Operations Program Requests

Based on State Controller's Office Letter dated 1/31/2019

Agency	Project(s)	FY 2018-19 LCTOP Population-Based Funding	Date
CCCTA	Martinez to Amtrak BART II	\$ 375,378	4/24/19
CCCTA	Free Fares for Routes 11, 14, and 16 Serving the Monument Corridor	\$ 596,332	4/24/19
ECCTA	New Route 383	\$ 586,893	4/24/19
LAVTA	Purchase Four (4) Zero-Emission Replacement Buses and Related Support Infrastructure	\$ 401,737	4/24/19
NVTA	NVTA Zero Emission Bus Procurement Project	\$ 277,010	4/24/19
Union City	Electric Vehicle Charging Infrastructure for Union City Transit Fleet	\$ 140,680	4/24/19
WCCTA	"Spare the Fare" -- Free Rides on Weekday Spare the Air Days	\$ 129,561	4/24/19
GGBHTD ¹	Purchase Sixty-four (64) 40-foot Diesel-Electric Hybrid Buses	\$ 307,876	4/24/19
Marin Transit ¹	Purchase Four 40ft Electric Transit Vehicles	\$ 204,568	4/24/19
City of Fairfield ²	Fairfield COVID-19 Response and Recovery Free and/or Reduced Fare Program	\$ 287,598	6/24/20
Solano County Transit ²	SolTrans All-Electric Bus Purchase	\$ 39,176	11/20/20
Solano County Transit ²	Electrical Infrastructure for Charging All-Electric Buses	\$ 507,369	11/20/20
City of Petaluma ³	Purchase One Zero-Emission Replacement Bus	\$ 122,145	4/24/19
City of Santa Rosa ³	Maintain Increased Frequency on Routes 1 and 2	\$ 347,666	4/24/19
Sonoma County Transit ³	Electric Bus Purchases	\$ 510,600	4/24/19
North Counties / Small Operators Subtotal		\$ 4,834,589	
MTC	Infrastructure for Regional Means-Based Transit Fare Pilot	\$ 4,759,808	4/24/19
SFMTA	West Portal Optimization and Crossover Activation	\$ 2,184,830	4/24/19
VTA	Charging Infrastructure & Microgrid Technology ⁴	\$ 1,326,504	7/28/21
AC Transit	Dumbarton Innovative Deployments to Enhance Arterials (IDEA)	\$ 1,248,474	4/24/19
TOTAL		\$ 14,354,205	

* MTC approval conditioned on local support documentation submitted to Caltrans

1. Marin County received \$512,444, and distributed between Marin Transit and GGBHTD as noted.

2. Solano County received \$834,413 and distributed between City of Fairfield and Solano County Transit as noted.

3. Sonoma County received \$980,411 and distributed between City of Petaluma, City of Santa Rosa, and Sonoma County Transit as noted.

4. This project is not considered eligible for the TPI category but will count toward VTA's minimum set-aside. VTA has committed a like amount of local funds to the Eastridge to BART Regional Connector, which is TPI eligible, as a replacement project

Date: March 22, 2017

WI: 1515

Referred by: PAC

Attachment A

Resolution No. 4273

Revised: 03/22/17-ED 04/26/17-C 05/24/17-ED 03/28/18-C

05/23/18-ED 04/24/19-C 06/26/19-C 03/25/20-C

06/24/20-ED 11/20/20-ED 12/16/20-C 3/24/21-C

07/28/21-C

FY 2019-20 Low Carbon Transit Operations Program Requests

Based on State Controller's Office Letter dated 2/14/2020

Agency	Project(s)	FY 2019-20 LCTOP Population-Based Funding	Date
CCCTA	Martinez Amtrak to BART III	\$ 215,710	3/25/20
CCCTA	Free Fares for Routes 11, 14, and 16 serving the Monument Corridor II	\$ 748,023	3/25/20
ECCTA	Hydrogen Fueling Station	\$ 582,076	3/25/20
LAVTA	Purchase four (4) Zero-Emission Replacement Buses and Related Support Infrastructure	\$ 398,439	3/25/20
NVTA	NVTA Zero Emissions Bus	\$ 274,736	3/25/20
Union City	Electric Vehicle Charging Infrastructure for Union City Transit Fleet	\$ 139,526	3/25/20
WCCTA	Spare the Fare - Free Rides on Spare the Air Days	\$ 128,498	3/25/20
GGBHTD ¹	Golden Gate High Speed Ferry Vessel Acquisition	\$ 304,638	3/25/20
Marin Transit ¹	Purchase four 40ft Electric Transit Vehicles	\$ 203,600	3/25/20
City of Fairfield ²	Electric Infrastructure Upgrade, Phase 1	\$ 231,718	3/25/20
Solano County Transit ²	Electrical Infrastructure for Charging All-Electric Buses	\$ 595,846	3/25/20
City of Petaluma ³	Purchase One Replacement Zero-Emission Bus	\$ 120,890	3/25/20
City of Santa Rosa ³	Maintain Increased Frequency on Routes 1 and 2	\$ 341,082	3/25/20
Sonoma County Transit ³	Electric Bus Purchase	\$ 510,392	3/25/20
North Counties / Small Operators Subtotal		\$ 4,795,174	
MTC	Discount Fare Subsidy for BART, Caltrain, GGBHTD, and SFMTA, Regional Means-Based Transit Fare Pilot	\$ 4,720,738	3/25/20
NVTA	Imola Park and Ride and Express Bus Stop Improvements	\$ 1,052,102	3/25/20
ECCTA	Wi-Fi for Bus and Paratransit Rider Connectivity	\$ 340,505	3/25/20
SFMTA	27 Bryant Tenderloin Transit Reliability Project	\$ 3,328,131	3/25/20
TOTAL		\$ 14,236,650	

* MTC approval conditioned on local support documentation submitted to Caltrans

1. Marin County received \$508,238 and distributed between Marin Transit and GGBHTD as noted.

2. Solano County received \$827,564 and distributed between City of Fairfield and Solano County Transit as noted.

3. Sonoma County received \$972,364 and distributed between City of Petaluma, City of Santa Rosa, and Sonoma County Transit as noted.

Date: March 22, 2017

WI: 1515

Referred by: PAC

Attachment A

Resolution No. 4273

Revised: 03/22/17-ED 04/26/17-C 05/24/17-ED 03/28/18-C

05/23/18-ED 04/24/19-C 06/26/19-C 03/25/20-C

06/24/20-ED 11/20/20-ED 12/16/20-C 3/24/21-C

07/28/21-C

FY 2020-21 Low Carbon Transit Operations Program Requests

Based on State Controller's Office Letter dated 2/26/2021

Agency	Project(s)	FY 2020-21 LCTOP Population-Based Funding	Date
CCCTA	Martinez Amtrak to BART IV	\$ 215,710	3/24/21
CCCTA	Free Fares for Routes 11, 14, and 16 Serving the Monument corridor III	\$ 326,828	3/24/21
ECCTA	Install EV Bus Chargers	\$ 105,780	3/24/21
ECCTA	New Tri MyRide Service Zone	\$ 221,902	3/24/21
LAVTA	Restart Operations for School-Serving Routes	\$ 224,303	3/24/21
NVTA	NVTA Zero Emission Bus Electrification	\$ 154,664	3/24/21
Union City	Electric Vehicle Charging Infrastructure for Union City Transit Fleet	\$ 78,547	3/24/21
WCCTA	Spare the Fare - Free Rides on Spare the Air Days	\$ 72,338	3/24/21
GGBHTD ¹	Golden Gate High Speed Ferry Vessel Acquisition	\$ 161,769	3/24/21
Marin Transit ¹	Purchase Four 40ft Electric Transit Vehicles	\$ 114,217	3/24/21
SMART ¹	Restart Operations on SMART	\$ 10,129	3/24/21
Solano County Transit ²	SolTrans Electrification Project	\$ 465,881	3/24/21
City of Petaluma ³	Purchase Four Zero-Emission Replacement Buses	\$ 68,703	3/24/21
City of Santa Rosa ³	Electric Bus Purchase	\$ 192,793	3/24/21
Sonoma County Transit ³	Electric Buses	\$ 285,901	3/24/21
North Counties / Small Operators Subtotal		\$ 2,699,465	
MTC	Regional Means-Based Transit Fare Pilot	\$ 2,657,562	3/24/21
SFMTA	5 Fulton: Arguello to 25th Ave Muni Forward	\$ 1,219,864	3/24/21
AC Transit	AC Transit Quick Build Transit Lanes	\$ 697,065	3/24/21
VTA	Eastridge to BART Regional Connector	\$ 740,632	3/24/21
TOTAL		\$ 8,014,588	

* MTC approval conditioned on local support documentation submitted to Caltrans

1. Marin County received \$286,115 and distributed between Marin Transit, GGBHTD, and SMART as noted.

2. Solano County received \$465,881 and distributed to Solano County Transit as noted.

3. Sonoma County received \$547,397 and distributed between City of Petaluma, City of Santa Rosa, and Sonoma County Transit as noted.

Date: March 28, 2018
W.I.: 1515
Referred by: PAC

Attachment B
MTC Resolution No. 4273
Page 1 of 1

Transit Performance Initiative Project Savings Policy

The following policy is adopted for projects funded through the Transit Performance Initiative Investment Program, including those projects funded with federal STP/CMAQ funds and Low Carbon Transit Operations Program funds:

Savings following project completion may be used to expand the scope of the project, if the expanded scope provides additional quantifiable benefits to the original transit corridor. The expanded scope must be approved by MTC staff prior to expenditure. All other project savings will be returned to MTC proportionally.

Staff will update the Commission on any such actions through the semi-annual Transit Performance Initiative updates.