Metropolitan Transportation Commission Programming and Allocations Committee

June 12, 2024

Agenda Item 2c-24-0638

MTC Resolution No. 3664, Revised.

Subject:

Rescission of \$150,000 in Regional Measure 2 (RM2) capital funds from the design phase of the Livermore Amador Valley Transit Authority (LAVTA) Shared Autonomous Vehicle Pilot Program and allocation of \$388,000 in RM2 capital funds to the design phase of the LAVTA Transit Signal Priority Upgrade and Expansion Project.

Background:

RM2 Project 32 History

The \$65 million I-580 Tri-Valley Rapid Corridor Improvements project, identified as capital project number 32 under RM2, currently consists of five subprojects for which MTC has already allocated funds:

- Project 32.1, Eastbound I-580 Improvements (eastbound HOV lane, allocated \$36 million in RM2 funds),
- Project 32.2, I-580/I-680 Interchange Modifications and Westbound I-580 Improvements (HOV connectors between I-580 and I-680, and an I-580 westbound HOV lane, allocated \$17 million in RM2 funds),
- 3. Project 32.3, the Dublin Transit Center Parking Garage project, (allocated \$7 million in RM2 funds),
- Project 32.4, the LAVTA Rapid Bus Stop Improvement Project (programmed \$2.3 million in RM2 funds for improvements at rapid bus stops serving BART, allocated \$230,000 for PS&E), and
- Project 32.5, the LAVTA Shared Autonomous Vehicle Project (programmed \$2.7 million in RM2 funds, allocated \$150,000 for PS&E).

The Alameda County Transportation Commission (Alameda CTC) is the project sponsor.

Cancellation of the LAVTA Shared Autonomous Vehicle (SAV) Project

Since the allocation approval in October 2021, LAVTA staff have worked with project partners towards implementation of the SAV project. However, development of the required technology

Programming and Allocations Committee June 12, 2024 Page 2 of 3

has been delayed and expected operating funding did not materialize due to the persistence of remote work beyond the COVID-19 pandemic. Due to a lack of progress, LAVTA has closed out the project and requests that MTC rescind the RM2 allocation and cancel the project. No RM2 funds allocated to the SAV project were expended by LAVTA.

LAVTA Transit Signal Priority (TSP) Upgrade and Expansion

LAVTA identified a need to upgrade the existing TSP system utilized by its 10R and 30R rapid routes, which uses technology that will no longer be supported by the manufacturer once the current contract term is complete. The TSP system helps LAVTA's rapid buses meet on-time performance goals. To maintain and maximize reliable travel times supported by this system, LAVTA proposes to upgrade their existing system to a cloud-based TSP system and expand the functionality to their entire bus fleet. LAVTA has received a proposal from their on-call engineering contractor for the project with an estimated total cost of \$2.79 million.

As sponsor for RM2 Project 32, Alameda CTC approved the allocation request and designated LAVTA as the implementing agency for approximately \$2.7 million in RM2 funds for the TSP Upgrade and Expansion project at its Commission meeting on May 23, 2024.

Staff propose to:

- Cancel and rescind \$150,000 in RM2 capital funds from RM2 project 32.5, the LAVTA Shared Autonomous Vehicle (SAV) project;
- Add a new subproject 32.6, the LAVTA Transit Signal Priority (TSP) Upgrade and Expansion project; and
- Allocate \$388,000 in RM2 capital funds to the PS&E phase of the LAVTA TSP Upgrade and Expansion Project.

A second RM2 allocation request is expected in the next fiscal year for the remaining \$2.3 million in RM2 funds for the implementation and construction of the TSP project.

Issues:

None identified.

Recommendations:

Refer MTC Resolution No. 3664, Revised, to the Commission for approval.

Attachments:

- MTC Resolution No. 3664, Revised
- Attachments 32.5 A-D, 32.6 A-D

And Fremier

Andrew B. Fremier

| Date: W.I.: | October 27, 20 1255 | 04 |
|----------------|------------------------|-------------|
| Referred by: | PAC | |
| Revised: | 03/23/05-DA | 07/26/06-C |
| | 04/25/07-C | 09/28/07-DA |
| | 12/19/07-DA | 04/23/08-C |
| | 08/27/08-DA | 09/24/08-C |
| | 11/26/08-C | 01/28/09-DA |
| | 09/23/09-DA | 02/24/10-C |
| | 07/28/10-С | 11/16/11-DA |
| | 02/22/12-DA | 03/28/12-DA |
| | 06/27/12-DA | 10/24/12-C |
| | 10/23/13-С | 07/24/19-C |
| | 05/26/21-C | 10/27/21-C |
| | 06/26/24-C | |

<u>ABSTRACT</u>

Resolution No. 3664, Revised

This resolution approves the allocation of Regional Measure 2 funds for the I-580 Tri-Valley Rapid Corridor Improvements project sponsored and implemented by the Alameda County Congestion Management Agency.

This resolution includes the following attachments:

| Attachment A - Allocation Summary Sheet |
|---|
| Attachment B - Project Specific Conditions for Allocation Approval |
| Attachment C - MTC staff's review of the Alameda County Congestion Management |
| Agency's Initial Project Report (IPR) for this project |
| Attachment D - RM2 Deliverable/Useable Segment Cash Flow Plan |

This resolution was revised through Executive Director Delegated Authority on March 23, 2005 to give ACCMA the flexibility to invoice MTC as frequently as monthly for expenses incurred on this project.

This resolution was revised through Commission action on July 26, 2006 to include additional allocations for Project 32.1, Eastbound I-580 Improvements for \$11.5 million in new RM2 allocations, and Project 32.2, I-580/I-680 Interchange Modifications and Westbound I-580 Improvements for \$1.7 million in new RM2 allocations.

ABSTRACT MTC Resolution No. 3664, Revised Page 2

This resolution was revised through Commission action on April 25, 2007 to include supplemental allocations for Project 32.1, Eastbound I-580 Improvements for \$3.8 million in new RM2 allocations, and for Project 32.2, Westbound I-580 Improvements for \$10 million in new RM2 allocations.

This resolution was revised through Delegated Authority on September 28, 2007 to provide a \$500,000 supplemental preliminary engineering allocation for Project 32.1, Eastbound I-580 Improvements.

This resolution was revised through Delegated Authority on December 19, 2007 to allocate \$500,000 in final design funds for Project 32.1, Eastbound I-580 HOV Improvements.

This resolution was revised through Commission Action on April 23, 2008 to allocate \$9.182 million in construction funds for Project 32.1, Eastbound I-580 HOV Improvements, in order to backfill TCRP funds, and to add a condition that any TCRP repayments for this amount shall be returned to MTC. This action also rescinds \$800,000 from an allocation for Environmental and reallocates the same amount for environmental under Project 32.2.

This resolution was revised through Delegated Authority on August 27, 2008 to allocate \$100,000 in environmental and preliminary engineering funds for Project 32.1, Eastbound I-580 HOV Improvements, for High-Occupancy Toll accommodation on the corridor.

This resolution was revised through Commission Action on September 24, 2008 to allocate \$400,000 in environmental phase funds for Project 32.1, Eastbound I-580 HOV Improvements, for corridor management activities, and \$900,000 in environmental and preliminary engineering funds for Project 32.1, Eastbound I-580 HOV Improvements, for High-Occupancy Toll accommodation on the corridor.

This resolution was revised through Commission Action on November 26, 2008 to allocate \$500,000 in environmental and preliminary engineering funds for Project 32.1, Eastbound I-580 HOV Improvements, for High-Occupancy Toll accommodation on the corridor.

ABSTRACT MTC Resolution No. 3664, Revised Page 3

This resolution was revised through Delegated Authority on January 28, 2009 to allocate \$700,000 in environmental and preliminary engineering funds for Project 32.1, Eastbound I-580 HOV Improvements, for the supplemental auxiliary lanes on I-580.

This resolution was revised through Delegated Authority on September 23, 2009 to rescind allocation of \$6,000,000 from the construction of Project 32.1d, Eastbound I-580 HOV Improvements, and to allocate \$200,000 in environmental and preliminary engineering funds for Project 32.2, Westbound I-580 HOV Improvements.

This resolution was revised through Commission Action on February 24, 2010 to allocate approximately \$1.7 million for the final design phase and \$2.6 million for the right of way phase for Project 32.2a, I-580 Westbound HOV Lane Improvements, and allocate \$300,000 for the environmental and preliminary engineering phase for Project 32.1d, I-580 Eastbound HOV Lane Improvements (Auxiliary Lanes).

This resolution was revised through Commission Action on July 28, 2010 to allocate about \$1.3 million for the environmental mitigation of the I-580 HOV corridor (Project 32.1e).

This resolution was revised through Delegated Authority on November 16, 2011 to rescind \$846,246.81 from the construction allocation of Project 32.1d, I-580 Eastbound HOV Lane Improvements (allocation number 08366416), due to payback from Traffic Congestion Relief Program reimbursement from the State of California.

This resolution was revised through Delegated Authority on February 22, 2012 to allocate \$800,000 for the final design and \$200,000 for right-of-way for Project 32.1d, I-580 Eastbound HOV Lane Improvements.

This resolution was revised through Delegated Authority on March 28, 2012 to allocate \$200,000 in RM2 funds for the final design phase of Project 32.1d, I-580 Eastbound HOV Lane Improvements.

This resolution was revised through Delegated Authority on June 27, 2012 to allocate \$585,000 in RM2 funds for the environmental phase of Project 32.1e, I-580 HOV Corridor Environmental Mitigation.

ABSTRACT MTC Resolution No. 3664, Revised Page 4

This resolution was revised through Commission Action on October 24, 2012 to allocate \$335,279 for the final design phase and \$3,315,000 for the construction phase of Project 32.1d, I-580 Eastbound HOV Lane Improvements (Auxiliary Lanes).

This resolution was revised through Commission Action on October 23, 2013 to rescind allocation of \$1.5 million of previously allocated RM2 funds from Projects 32.1 and 32.2 due to cost savings at project close out, and to allocate \$4 million in RM2 funds for the construction phase of Project 32.1f, I-580 HOV Improvements for High-Occupancy Toll accommodation on the corridor.

This resolution was revised through Commission Action on July 24, 2019 to allocate \$7 million in RM2 funds for the construction phase of project 32.3, Dublin Transit Center Parking Garage Project.

This resolution was revised through Commission Action on May 26, 2021 to add a new project 32.4, LAVTA Rapid Bus Stop Improvement Project, and to allocate \$230,000 in RM2 funds for design of this project.

This resolution was revised through Commission Action on October 27, 2021 to add a new project 32.5, LAVTA Shared Autonomous Vehicle Project, and to allocate \$150,000 in RM2 funds for design of this project.

This resolution was revised through Commission Action on June 26, 2024 to rescind \$150,000 in RM2 funds from the design phase of project 32.5, LAVTA Shared Autonomous Vehicle Project, add a new project, 32.6, LAVTA Transit Signal Priority Upgrade and Expansion, and to allocate \$388,000 in RM2 funds for design of this project.

Additional discussion of this allocation is contained in the Executive Director's memorandum to the MTC Programming and Allocations Committee dated October 8, 2004, July 12, 2006, April 11, 2007, and December 10, 2008, and the summary sheet to the Programming and Allocations Committee dated April 9, 2008, July 9, 2008, September 10, 2008, November 12, 2008, February 10, 2010, July 14, 2010, October 10, 2012, October 9, 2013, July 10, 2019, May 12, 2021, October 13, 2021, and June 12, 2024.

Date: October 27, 2004 W.I.: 1255 Referred by: PAC

Re: <u>Approval of Allocation of Regional Measure 2 funds for the I-580 Tri-Valley Rapid Transit</u> <u>Corridor Improvements Project</u>

METROPOLITAN TRANSPORTATION COMMISSION RESOLUTION No. 3664

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

WHEREAS, Streets and Highways Code Sections 30950 *et seq.* created the Bay Area Toll Authority ("BATA") which is a public instrumentality governed by the same board as that governing MTC; and

WHEREAS, on March 2, 2004, voters approved Regional Measure 2, increasing the toll for all vehicles on the seven state-owned toll bridges in the San Francisco Bay Area by \$1.00, with this extra dollar funding various transportation projects within the region that have been determined to reduce congestion or to make improvements to travel in the toll bridge corridors, as identified in SB 916 (Chapter 715, Statutes of 2004), commonly referred as Regional Measure 2 ("RM2"); and

WHEREAS, RM2 establishes the Regional Traffic Relief Plan and lists specific capital projects and programs and transit operating assistance eligible to receive RM2 funding as identified in Streets and Highways Code Sections 30914(c) & (d); and

WHEREAS, RM2 assigns administrative duties and responsibilities for the implementation of the Regional Traffic Relief Plan to MTC; and

WHEREAS, BATA shall fund the projects of the Regional Traffic Relief Plan by transferring RM2 authorized funds to MTC; and

WHEREAS, MTC adopted policies and procedures for the implementation of the Regional Measure 2 Regional Traffic Relief Plan on June 23, 2004, specifying the allocation criteria and project compliance requirements for RM 2 funding (MTC Resolution No. 3636); and WHEREAS, the Alameda County Congestion Management Agency has submitted a request for the allocation of RM 2 funds for the I-580 Tri-Valley Rapid Corridor Improvements project; and

WHEREAS, I-580 Tri-Valley Rapid Corridor Improvements project is identified as capital project number 32 under RM 2 and is eligible to receive RM 2 funding as identified in Streets and Highways Code Sections 30914(c); and

WHEREAS, the Alameda County Congestion Management Agency has submitted an Initial Project Report ("IPR"), as required pursuant to Streets and Highway Code Section 30914(e), to MTC for review and approval; and

WHEREAS, Attachment A to this resolution, attached hereto and incorporated herein as though set forth at length, lists the project and phase for which the Alameda County Congestion Management Agency is requesting RM2 funding and the reimbursement schedule and amount recommended for allocation by MTC staff; and

WHEREAS, Attachment B to this resolution, attached hereto and incorporated herein as though set forth at length, lists the required project specific conditions which must be met prior to execution of the allocation and any reimbursement of RM2 funds; and

WHEREAS, Attachment C to this resolution, attached hereto and incorporated herein as though set forth at length, includes MTC staff's review of the Alameda County Congestion Management Agency's Initial Project Report (IPR) for this project; and

WHEREAS, Attachment D attached hereto and incorporated herein as though set forth at length, lists the cash flow of RM2 funds and complementary funding for the deliverable/useable RM2 project segment; now, therefore be it

<u>RESOLVED</u>, that MTC approves MTC staff's review of the Alameda County Congestion Management Agency's IPR for this project as set forth in Attachment C; and be it further

<u>RESOLVED</u>, that MTC approves the allocation and reimbursement of RM2 funds in accordance with the amount and reimbursement schedule for the phase, and activities as set forth in Attachment A; and, be it further

MTC Resolution No. 3664 Page 3

<u>RESOLVED</u>, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the Alameda County Congestion Management Agency complying with the provisions of the Regional Measure 2 Regional Traffic Relief Plan Policy and Procedures as set forth in length in MTC Resolution 3636; and be it further

<u>RESOLVED</u>, that the allocation and reimbursement of RM2 funds are further conditioned upon the project specific conditions as set forth in Attachment B; and, be it further

<u>RESOLVED</u>, that the allocation and reimbursement of RM2 funds as set forth in Attachment A are conditioned upon the availability and expenditure of the complementary funding as set forth in Attachment D; and be it further

<u>RESOLVED</u>, that reimbursement of RM2 funds as set forth in Attachment A is subject to the availability of RM2 funding; and be it further

<u>RESOLVED</u>, that a certified copy of this resolution, shall be forwarded to the project sponsor.

METROPOLITAN TRANSPORTATION COMMISSION

Steve Kinsey, Chair

The above resolution was entered into by the Metropolitan Transportation Commission at the regular meeting of the Commission held in Oakland, California, on October 27, 2004.

October 27, 2021 Attachment A-5 MTC Resolution No. 3664 Org Key: 840-8832-05 Page 1 of 10 Revised: 06/26/2024-C

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

| Project Title: | LAVTA Shared Autonomous Vehicle Project (Withdrawn 6/26/24) |
|-----------------|---|
| Sponsor: | Livermore Amador Valley Transit Authority |
| Project Number: | 32.5 |

| Allocation No. 32.5 | | | | | | | |
|------------------------------------|--------------------------|----------|----------------|---------------|--|------|---|
| Activities to be funde | d with Allocation | #1: | | | | | |
| Autonomous Vehicle | Project. | - | | | ation, and estimates fo 6, 2024. Original proje | | se 2 of the Shared ding plan and cash flow |
| in aubaaquant attach | manual a laft interation | 6 | | | | | |
| in subsequent attach | ments left intact | for rec | oras; nowever, | no further R | M2 allocations will be | made | for this project. |
| • | | for rec | oras; nowever, | no further Ri | M2 allocations will be | made | for this project. |
| Funding Information: Allocation | | for rec | oras; nowever, | no further Ri | M2 allocations will be Reimbursement | made | for this project. Cumulative |
| Funding Information: | | for rec | Amount | no further Ri | | made | |
| Funding Information: Allocation | Approval | s | | | Reimbursement | made | Cumulative |

October 27, 2021 Attachment B-5 MTC Resolution No. 3664 Org Key: 840-8832-05 Page 2 of 10

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title:LAVTA Shared Autonomous Vehicle Project (Withdrawn 6/26/24)Sponsor:Livermore Amador Valley Transit AuthorityProject Number:32.5

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following.

1. Approval by the Alameda County Transportation Commission of the IPR and allocation request and designation of LAVTA as implementing agency for the Shared Autonomous Vehicle Project

Project canceled and RM2 funds rescinded at sponsor's request June 26, 2024. Original project funding plan and cash flow in subsequent attachments left intact for records; however, no further RM2 allocations will be made for this project.

Regional Measure 2 Regional Traffic Relief Plan

RM2 Project Number: 32.5 LAVTA Shared Autonomous Vehicle Project (Withdrawn 6/26/24)

| Lead Sponsor | Other Sponsors(s) | Implementing Agency (if applicable) |
|---|----------------------------------|--|
| Alameda County Transportation Commission | None | Alameda County Transportation Commission |
| Legislated Project Description | | |
| Provide rail or High-Occupancy Vehicle lane di | rect connector to Dublin BART ar | nd other improvements on I-580 in Alameda County for use by express buses |
| RM2 Legislated Funding (in \$1,000) | | Total Estimated Project Cost (in \$1,000) |
| \$2,695 | | \$3,295 |
| Project Purpose and Description | | |
| The primary purpose of this project is to advan- 2 operations. | ce deployment of LAVTA's Share | d Autonomous Vehicle (SAV) Project with capital investments necessary to support Phase |
| LAVTA's SAV service between the Ross Head | | d other businesses are also in the high-density office park) will generate new public transit ollution, and contribute to greater safety on roadways. |
| | sponsor's request June 26, 2024. | Original project funding plan and cash flow in attachments left intact for records; however, |
| Funding Description | | |
| Commited Funds: RM2 | | |
| Uncommitted Funds: TBD | | |
| Operating Capacity: LAVTA | | |

Overall Project Cost and Schedule

| Phase | Scope | Start | End | Cost (in \$1,000) |
|-------|--|---------|---------|-------------------|
| 1 | Final Environmental Document and Preliminary Eng. | N/A | N/A | |
| 2 | Final Design - Plans, Specifications and Estimates | 11/2021 | 05/2022 | \$150 |
| 3 | Right-of-Way | N/A | N/A | |
| 4 | Construction | 09/2022 | 10/2023 | \$3,145 |
| | | | Total: | \$3,295 |

Page 3 of 10

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

| Project Title | LAVTA Shared Autonomous Vehicle Project (Withdrawn 6/26/24) | Project No. 32.5 |
|---------------------|---|------------------|
| Implementing Agency | Alameda County Transportation Commission | |

| Fund Source | Phase | Prior | FY 2021-22 | FY 2022-23 | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | Future | Total |
|----------------------|--------------------|-------|------------|------------|------------|------------|------------|------------|--------|-------|
| Committed | | | | | | | | | | |
| RM2 | PSE | | 150 | | | | | | | 150 |
| RM2 | CON | | | 2,545 | | | | | | 2,545 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| Total: | | 0 | 150 | 2,545 | 0 | 0 | 0 | 0 | 0 | 2,695 |
| Uncommitted | | | | | | | | | | |
| TBD | CON | | | 600 | | | | | | 600 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Total: | | 0 | 0 | 600 | 0 | 0 | 0 | 0 | 0 | 600 |
| Total Project Commit | ted and Uncommited | | | | | | | | | |
| | | Prior | FY 2021-22 | FY 2022-23 | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | Future | Total |
| Total: | | 0 | 150 | 3,145 | 0 | 0 | 0 | 0 | 0 | 3,295 |

Project canceled and RM2 funds rescinded at sponsor's request June 26, 2024. Original project funding plan and cash flow in attachments left intact for records; however, no further RM2 allocations will be made for this project.

October 27, 2021 Attachment D-5 MTC Resolution No. 3664 Org Key: 840-8832-05 Page 5 of 10

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title:LAVTA Shared Autonomous Vehicle Project (Withdrawn 6/26/24)Sponsor:Livermore Amador Valley Transit AuthorityRM2 Project Number:32.5

| | PRIOR | FY 2020-21 | FY 2021-22 | FY 2022-23 | FY 2023-24 | Future | Total |
|---------------------|-------|------------|------------|------------|------------|----------|----------|
| | | | | | | | |
| RM2 Funds Total | - | - | - | 400 | 2,145 | - | 2,545 |
| | | | | | | | 0 |
| Environmental (ENV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| Final Design (PS&E) | 0 | 0 | 150 | 0 | 0 | 0 | 150 |
| RM2 | | | 150 | | | | 150 |
| | | | | | | _ | |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| Construction | 0 | 0 | 0 | 494 | 2,651 | 0 | 3,145 |
| RM2 | | | | 400 | 2,145 | | 2,545 |
| TBD | | | | 94 | 506 | | 600 |
| | | | | | | | |
| TOTAL FUNDING | - | | | | | | |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Final Design (PS&E) | 0 | 0 | 150 | 0 | 0 | 0 | 150 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Construction | 0 | 0 | 0 | 494 | 2,651 | 0 | 3,145 |
| PROJECT TOTAL | 0 | 0 | 150 | 494 | 2,651 | 0 | 3,295 |

Project canceled and RM2 funds rescinded at sponsor's request June 26, 2024. Original project funding plan and cash flow in attachments left intact for records; however, no further RM2 allocations will be made for this project.

June 26, 2024 Attachment A-6 MTC Resolution No. 3664 Org Key: 840-8832-06 Page 6 of 10

REGIONAL MEASURE 2 PROGRAM Allocation of Funds

| Project Title: | LAVTA Transit Signal Priority Upgrade and Expansion |
|-----------------|---|
| Sponsor: | Livermore Amador Valley Transit Authority |
| Project Number: | 32.6 |

| Allocation No. 32.6 | | | | | | | |
|---|-----------|----|---------|-------|---------------|----|---------------|
| Activities to be funded with Allocation #1: | | | | | | | |
| This allocation will fund the design phase of the replacement of LAVTA's current Transit Signal Priority system and upgrade to a cloud-based Transit Signal Priority System, including planning, design, and engineering for installations at intersections in Dublin, Pleasanton, and Livermore and expansion of the vehicle-side TSP equipment to LAVTA's entire fleet. | | | | | | | |
| Funding Information: | | | | | | | |
| Allocation | Approval | | | | Reimbursement | | Cumulative |
| Instruction No. | Date | | Amount | Phase | Year | | Total To Date |
| 24366438 | 26-Jun-24 | \$ | 388.000 | PSE | FY 2023-24 | \$ | 388.000 |

June 26, 2024 Attachment B-6 MTC Resolution No. 3664 Org Key: 840-8832-06 Page 7 of 10

REGIONAL MEASURE 2 PROGRAM Project Specific Conditions

Project Title:LAVTA Transit Signal Priority Upgrade and ExpansionSponsor:Livermore Amador Valley Transit AuthorityProject Number:32.6

The allocation and reimbursement of RM2 funds for the above project are conditioned upon the following.

1. None

RM2 Project Number: 32.6 LAVTA Transit Signal Priority Upgrade and Expansion

| Lead Sponsor | Other Sponsors(s) | Implementing Agency (if applicable) |
|--|----------------------------------|---|
| Alameda County Transportation Commission | None | Livermore Amador Valley Transit Authority (LAVTA) |
| Legislated Project Description | | |
| Provide rail or High-Occupancy Vehicle lane di | rect connector to Dublin BART ar | nd other improvements on I-580 in Alameda County for use by express buses |
| RM2 Legislated Funding (in \$1,000) | | Total Estimated Project Cost (in \$1,000) |
| \$2,695 | | \$2,790 |
| Project Purpose and Description | | |
| routes (30R between West Dublin/Pleasanton | BART and Lawrence Livermore/S | and unsupported GPS-based Transit Signal Priority (TSP) technology on its two Rapid Sandia National Laboratories, and 10R between East Dublin/Pleasanton BART and the xpanding TSP functionality from 20 buses currently to the entire fleet of 68 buses. |
| Funding Description | | |
| Commited Funds: RM2 | | |
| Uncommitted Funds: TDA | | |
| Operating Capacity: LAVTA | | |

Overall Project Cost and Schedule

| Phase | Scope | Start | End | Cost (in \$1,000) |
|-------|--|---------|---------|-------------------|
| 1 | Final Environmental Document and Preliminary Eng. | N/A | N/A | |
| 2 | Final Design - Plans, Specifications and Estimates | 07/2024 | 03/2025 | \$388 |
| 3 | Right-of-Way | N/A | N/A | |
| 4 | Construction | 07/2025 | 03/2026 | \$2,402 |

Total:

\$2,790

Total Project Funding Plan: Committed and Uncommitted Sources

(Amounts Escalated in Thousands)

| Project Title | LAVTA Transit Signal Priority Upgrade and Expansion | Project No. 32.6 |
|---------------------|---|------------------|
| Implementing Agency | Livermore Amador Valley Transit Authority (LAVTA) | |

| Fund Source | Phase | Prior | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 | Future | Total |
|----------------------------|----------------------|-------|------------|------------|------------|------------|------------|------------|--------|-------|
| Committed | | | | | | | | | | |
| RM2 | PSE | | 388 | | | | | | | 388 |
| RM2 | CON | | | 2,307 | | | | | | 2,307 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| | | | | | | | | | | 0 |
| Total: | | 0 | 388 | 2,307 | 0 | 0 | 0 | 0 | 0 | 2,695 |
| Uncommitted | | | | | | | | | | |
| TDA | CON | | | 95 | | | | | | 95 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Total: | | 0 | 0 | 95 | 0 | 0 | 0 | 0 | 0 | 95 |
| Total Project Commi | itted and Uncommited | | | | | | | | | |
| | | Prior | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | FY 2028-29 | Future | Total |
| Total: | | 0 | 388 | 2,402 | 0 | 0 | 0 | 0 | 0 | 2,790 |

June 26, 2024 Attachment D-6 MTC Resolution No. 3664 Org Key: 840-8832-06 Page 10 of 10

REGIONAL MEASURE 2 PROGRAM Project Cash Flow Plan

Project Title:LAVTA Transit Signal Priority Upgrade and ExpansionSponsor:Livermore Amador Valley Transit AuthorityRM2 Project Number:32.6

| | PRIOR | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | Future | Total |
|------------------------------|-------|------------|-----------------|------------|------------|--------|-------|
| RM2 Funds Total | - | - | - | 2,307 | - | - | 2,307 |
| Environmental (ENV) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| Final Design (PS&E) | 0 | 0 | 388 | 0 | 0 | 0 | 388 |
| RM2 | | | 388 | | | | 388 |
| Right of Way | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | 0 |
| Construction | 0 | 0 | 0 | 2,402 | 0 | 0 | 2,402 |
| RM2 | | | | 2,307 | | | 2,307 |
| TDA | | | | 95 | | | 95 |
| TOTAL FUNDING | | | | | | | |
| Environmental | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Final Design (PS&E) | 0 | 0 | <u>388</u> 0 | 0 | 0 | 0 | 388 |
| Right of Way Construction | 0 | 0 | 0 | 2,402 | 0 | 0 | 2,402 |
| PROJECT TOTAL | 0 | 0 | 388 | 2,402 | 0 | 0 | 2,790 |