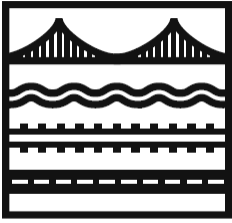


DRAFT



# Regional Measure 3

## Initial Project Report

### *Project/Subproject Details*

#### Basic Project Information

Project Number	11
Project Title	Core Capacity Transit Improvements
RM3 Funding Amount	\$140,000,000

#### Subproject Information

Subproject Number	
Subproject Title	Training and Education Center Modernization
RM3 Funding Amount	\$9,000,000

#### I. Overall Subproject Information

##### a. Project Sponsor / Co-sponsor(s) / Implementing Agency

Project Sponsor: Alameda – Contra Costa Transit District (AC Transit)

Co-sponsors: Metropolitan Transportation Commission, Federal Transportation Agency, California  
Transportation Commission

Implementing Agency: AC Transit

##### b. Detailed Project Description *(include definition of deliverable segment if different from overall project/subproject)*

This project transforms and retrofits the current Training and Education Center to enable it to become both a bus maintenance and a classroom/laboratory facility concurrently. The retrofit also creates a zero-emission bus compliant facility to allow staff to safely work and learn zero emission bus (ZEB) technologies indoors as well as more learning space and programs to meet the training and maintenance needs of AC Transit's expanding ZEB fleet.

The modernization of the Training and Education Center allows AC Transit to increase and improve operations and maintenance training in ZEB-related technologies. By bringing its training facilities up to date, AC Transit will train staff in ZEB-related tasks and have staff at its maintenance yards prepared for



## Regional Measure 3 Initial Project Report

effective support of AC Transit's operations and fleet. This project will make the training facility zero-emission compliant with the latest safety equipment and infrastructure.

The Project will include the addition of classrooms, offices and conference rooms within the existing footprint of the building, with renovations of the existing lobby and auditorium. These renovations will include upgrades to the varying audio and visual systems with Augmented Reality technologies. The project will convert the existing maintenance training bays into a working instruction facility that will be used to train apprentices and journey level mechanics. When fully constructed, the existing Training & Education Center will be an advanced learning lab featuring multi-purpose maintenance bays where trainees can merge in-class learning with Augmented Reality and hands-on practical application training in ZEB propulsion systems and core ZEB components such as heating, ventilation and energy storage. This is critical to train mechanics and operators to maintain and operate ZEBs which are different from diesel buses.

Published in 2017, the Core Capacity Transit Study listed four priority projects under this program for AC Transit. Those projects included:

### Tier 1:

- AC Transit Bus Ramp to Transbay Terminal (*complete*),
- AC Transit Richmond Facility Reopening / Reopening of the Richmond bus facility to support current operations (*complete*)

### Tier 2:

- AC Transit Fleet Expansion / Expands fleet by 40 high-capacity buses (on hold),
- AC Transit West County Bus Facility / Relocation and expansion of Division 3 Bus facility and redevelopment of the current site as a transit-oriented development (on hold)

Before the start of the COVID-19 pandemic in early 2020, AC Transit transbay service eased capacity issues on BART trains that were at or beyond capacity at rush hour. At that time, AC Transit planned to expand transbay service to assist with this issue. Since the COVID-19 pandemic, BART ridership is down and has remained down and has not had these capacity issues. AC Transit service transitioned from the goal of expanding transbay service to enhancing feeder service to and from BART to provide critical first-last mile service for regional transbay trips. AC Transit service supports BART in providing these transit connections for trips that start or end in downtown San Francisco.

In addition, AC Transit has been working to comply with the Innovative Clean Transit (ICT) ruling of 2018 requiring AC Transit to purchase zero emission buses and their corresponding fueling and charging infrastructure when replacing its revenue fleet. One-time COVID relief funding has been exhausted and like many agencies and municipalities in the region, AC Transit is facing ongoing operating and capital budget deficits.

AC Transit is currently at 85% of its pre-pandemic service levels due to driver recruitment and operating revenue challenges. The Tier 2 expansion projects listed in the Core Capacity Transit Study are on hold because AC Transit has been forced to shift from expansion to rebuilding service back to pre-pandemic



## Regional Measure 3 Initial Project Report

levels. AC Transit would like to revisit these projects when it is back to 100% of its pre-pandemic service levels and is in a place to expand.

This project supports Core Capacity transit under circumstances that were not foreseen when the Core Capacity Transit Study was published in 2017. Currently AC Transit's priority for regional service is feeder service to BART, enabling regional trips to and from downtown San Francisco to be served end to end on transit. This Project is in service of that goal, providing infrastructure required for bus replacements under the ICT ruling and enabling AC Transit to provide this critical first-last mile service for regional transbay trips.

### **c. Impediments to Project Completion**

Procurement timelines and escalating costs are challenges for the project. The construction estimate for the project has been increasing as the project has been going through the design phase. The current impacts of skilled labor shortages and supply chain disruptions may have an impact on both schedule and cost of the project.

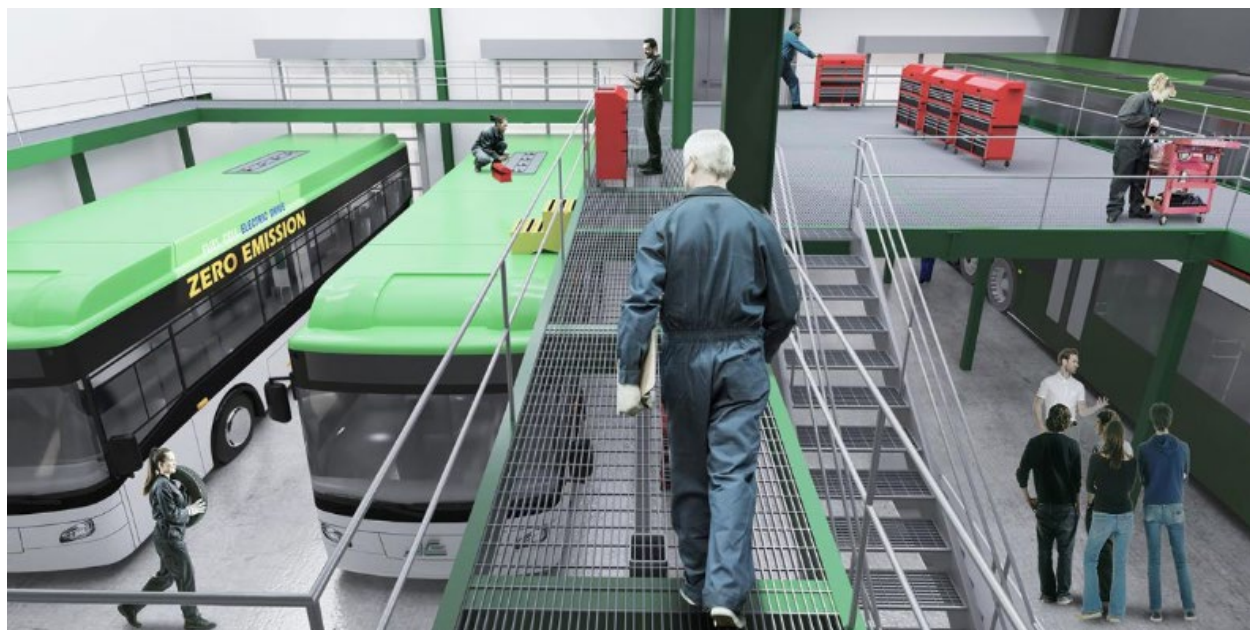
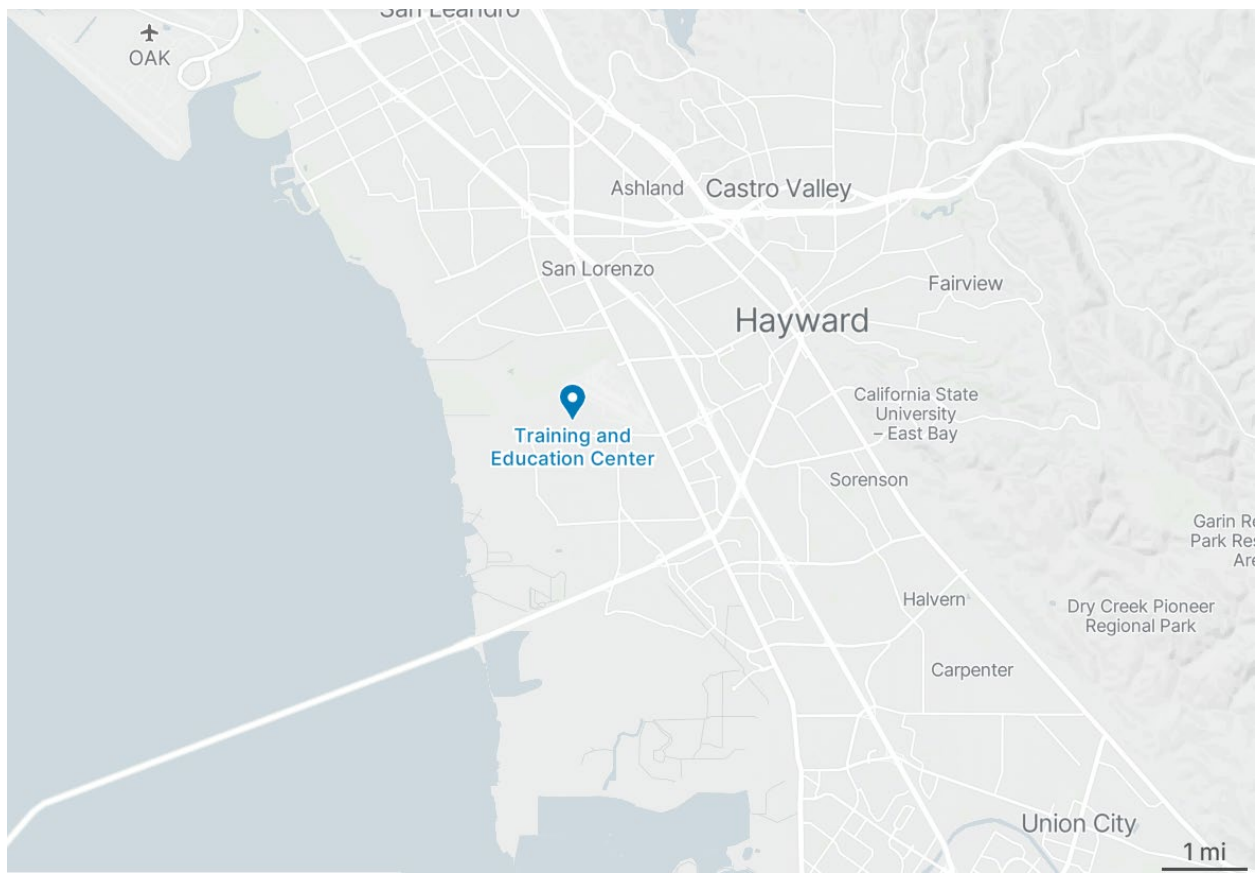
### **d. Risk Management** *(describe risk management process for project budget and schedule, levels of contingency and how they were determined, and risk assessment tools used)*

AC Transit uses standard levels of contingency budgeting in project development but may increase those amounts where conditions are less well defined or there is specific project risks identified. The project team maintains an active risk register that is reviewed at progress meetings, to determine future risks and mitigation.

### **e. Operability** *(describe entities responsible for operating and maintaining project once completed/implemented)*

The facility that this project renovates will be operated and maintained by AC Transit. This facility is of regional importance as staff from other transit agencies in the Bay Area region may utilize the facility for training as it pertains to their agency's zero emission buses.

### **f. Project Graphic(s)** *(include below or attach)*



## II. Project Phase Description and Status

### a. Environmental/Planning

Does NEPA apply? Yes ☐ No ☒



## Regional Measure 3 Initial Project Report

This project occurs entirely within AC Transit property and right of way and will receive a CatEx. AC Transit has a Notice of Exemption for this project for NEPA clearance.

### b. Design

Design for the project is underway and currently at 60% completion. Bid ready documents are scheduled by 1/2/2026.

### c. Right-of-Way Activities / Acquisition

Not applicable, this entire project takes place on AC Transit property on AC Transit right of way.

### d. Construction / Vehicle Acquisition / Operating

AC Transit will be ready to release the Invitation for Bid for the project upon final completion of design for the project. In addition, AC Transit expects the designer to remain on contract and provide support during the construction phase.

## III. Project Schedule

Phase-Milestone	Planned	
	Start Date	Completion Date
Environmental Studies, Preliminary Eng. (ENV / PE / PA&ED)	4/2025	5/2025
Final Design - Plans, Specs. & Estimates (PS&E)	5/2024	12/2025
Right-of-Way Activities /Acquisition (R/W)		
Construction (Begin – Open for Use) / Acquisition (CON)	1/2026	9/2027

## IV. Project Budget

### Capital

Project Budget	Total Amount - Escalated to Year of Expenditure (YOE)-
----------------	--



## Regional Measure 3 Initial Project Report

	(Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	
Design - Plans, Specifications and Estimates (PS&E)	2,170
Right-of-Way Activities /Acquisition (R/W)	
Construction / Rolling Stock Acquisition (CON)	24,250
Total Project Budget (in thousands)	26,420

Deliverable Segment Budget (if different from Project budget)	Total Amount - Escalated to Year of Expenditure (YOE)- (Thousands)
Environmental Studies & Preliminary Eng (ENV / PE / PA&ED)	
Design - Plans, Specifications and Estimates (PS&E)	
Right-of-Way Activities /Acquisition (R/W)	
Construction / Rolling Stock Acquisition (CON)	
Total Project Budget (in thousands)	

Operating	Total Amount - Escalated to Year of Expenditure (YOE)- (Thousands)
Annual Operating Budget	

## V. Project Funding

*Please provide a detailed funding plan in the Excel portion of the IPR. Use this section for additional detail or narrative as needed and to describe plans for any "To Be Determined" funding sources, including phase and year needed.*



## VI. Contact/Preparation Information

### **Contact for Project Sponsor**

Name: Emily Heard

Title: Capital Planning and Grants Manager

Phone: 510-891-5405

Email: [ehheard@actransit.org](mailto:ehheard@actransit.org)

Mailing Address: 1600 Franklin St. 5<sup>th</sup> Floor / Oakland, CA 94602

### **Person Preparing Initial Project Report** (if different from above)

Name: Jesse Rosemoore

Title: Senior Capital Planning Specialist

Phone: 510-220-0178

Email: [jrosemoore@actransit.org](mailto:jrosemoore@actransit.org)

Mailing Address: 1600 Franklin St. 5<sup>th</sup> Floor / Oakland, CA 94602

Regional Measure 3  
Initial Project Report - Subproject Report  
Funding Plan

Project Title:	Core Capacity Transit Improvements	
Subproject Title	Training and Education Center Modernization	
Project/Subproject Number:	11	
Total RM3 Funding:	\$	140,000,000

(add rows as necessary)

CAPITAL FUNDING

Funding Source	Committed? (Yes/No)	Total Amount (\$ thousands)	Amount Expended (\$ thousands)	Amount Remaining (\$ thousands)
ENV				
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
ENV Subtotal		\$ -	\$ -	\$ -
PSE				
FTA 5339 Low No Funds	Yes	\$ 1,575	\$ 544	\$ 1,031
Prop 1B PTMISEA Revenue	Yes	\$ 239	\$ 238	\$ 1
AC Transit District Funds	Yes	\$ 356	\$ 60	\$ 296
				\$ -
				\$ -
				\$ -
PSE Subtotal		\$ 2,170	\$ 842	\$ 1,328
ROW				
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
ROW Subtotal		\$ -	\$ -	\$ -
CON				
RM-3	No	\$ 9,000		\$ 9,000
FTA 5339 Low No Funds	Yes	\$ 14,400		\$ 14,400
FTA Community Funding	No	\$ 850		\$ 850
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
CON Subtotal		\$ 24,250	\$ -	\$ 24,250
Capital Funding Total		\$ 26,420	\$ 842	\$ 25,578

OPERATING FUNDING (Annual)

Funding Source	Phase	Committed? (Yes/No)	Total Amount (\$ thousands)
	Operating		
Operating Funding Total			\$ -



Regional Measure 3  
Initial Project Report - Subproject Report  
Funding Plan - Deliverable Segment - Fully funded phase or segment of total project

Project Title:	Core Capacity Transit Improvements
Subproject Title	Training and Education Center Modernization
Project/Subproject Number:	11
Total RM3 Funding:	\$140,000,000

(add rows as necessary)

RM3 Deliverable Segment Funding Plan - Funding by planned year of allocation

Funding Source	Prior	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	Future committed	Total Amount (\$ thousands)	Amount Expended (\$ thousands)	Amount Remaining (\$ thousands)
ENV												
RM-3										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
ENV Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PSE												
RM-3										\$ -		\$ -
FTA 5339 Low No Funds		\$ 1,575								\$ 1,575		\$ 1,575
Prop 1B PTMISEA Revenue		\$ 239								\$ 239		\$ 239
AC Transit District Funds		\$ 356								\$ 356		\$ 356
										\$ -		\$ -
										\$ -		\$ -
PSE Subtotal	\$ -	\$ 2,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,170	\$ -	\$ 2,170
ROW												
RM-3										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
ROW Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CON												
RM-3			\$ 9,000							\$ 9,000		\$ 9,000
FTA 5339 Low No Funds			\$ 14,400							\$ 14,400		\$ 14,400
FTA Community Funding			\$ 850							\$ 850		\$ 850
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
										\$ -		\$ -
CON Subtotal	\$ -	\$ -	\$ 24,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,250	\$ -	\$ 24,250
RM-3 Funding Subtotal	\$ -	\$ -	\$ 9,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000	\$ -	\$ 9,000
Capital Funding Total	\$ -	\$ 2,170	\$ 24,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,420	\$ -	\$ 26,420

Regional Measure 3  
Initial Project Report - Subproject Report  
Cash Flow Plan

Project Title:	Core Capacity Transit Improvements	
Subproject Title	Training and Education Center Modernization	
Project/Subproject Number:	11	
Total RM3 Funding:	\$	140,000,000

(please include all planned funding, add rows as necessary)

RM3 Cash Flow Plan for Deliverable Segment - Funding by planned year of expenditure

Funding Source	Prior	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	Future committed	Total Amount (\$ thousands)
ENV										
RM 3										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
ENV Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PSE										
RM 3										\$ -
FTA 5339 Low No Funds		\$ 1,181	\$ 394							\$ 1,575
Prop 1B PTMISEA Revenue		\$ 179	\$ 60							\$ 239
AC Transit District Funds		\$ 267	\$ 89							\$ 356
										\$ -
										\$ -
PSE Subtotal	\$ -	\$ 1,628	\$ 543	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,170
ROW										
RM 3										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
ROW Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
CON										
RM 3			\$ 3,600	\$ 3,600	\$ 1,800					\$ 9,000
FTA 5339 Low No Funds			\$ 5,760	\$ 5,760	\$ 2,880					\$ 14,400
FTA Community Funding			\$ 340	\$ 340	\$ 170					\$ 850
										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
										\$ -
CON Subtotal	\$ -	\$ -	\$ 9,700	\$ 9,700	\$ 4,850	\$ -	\$ -	\$ -	\$ -	\$ 24,250
RM 3 Funding Subtotal	\$ -	\$ -	\$ 3,600	\$ 3,600	\$ 1,800	\$ -	\$ -	\$ -	\$ -	\$ 9,000
Capital Funding Total	\$ -	\$ 1,628	\$ 10,243	\$ 9,700	\$ 4,850	\$ -	\$ -	\$ -	\$ -	\$ 26,420