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# Capital Projects

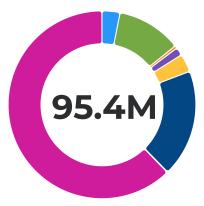
LAVTA's capital program in FY2026 will focus on completing design and moving several high priority projects forward into the construction phase, including remaining lighting and signage upgrades at the Livermore Transit Center, passenger facility improvements at BART, Lawrence Livermore National Lab, and Las Positas College, and the cloud-based transit signal priority upgrade. The Agency will also be placing an order for up to 8 diesel-hybrid buses, expected to be a mix of 35' and 40' which will replace the 29' 2011 buses that have reached the end of their useful life.

Staff have moved the two hydrogen-related projects, including construction of the hydrogen fueling station on the Atlantis site and the purchase of 4 hydrogen fuel cell buses one year out to FY2027. In FY2026 staff will be revisiting the assumptions made in the agency's Zero Emissions Bus Transition Plan and will be participating in conversations about the California Air Resources Board (CARB) Innovative Clean Transit (ICT) mandate. The high cost of hydrogen, the high cost of the buses, the lack of bus manufacturers in the United States, and questionable future demand are creating a need to revisit the zero-emissions strategy and timing.

The following pages detail the revenue and expenses of LAVTA's FY 26 Capital Budget.

# Capital Improvement Plan - Revenues

## Revenues by Source (including Historical, Future)



Bridge TollsFTA 5307

FTA 5339LCTOP

Measure B or BB

TDATFCA

Uncommitted Funding

**\$2,962,568** 3.11%

**\$10,617,408** 11.13% **\$434,811** 0.46%

**\$1,326,751** 1.39%

**\$3,000,000** 3.14%

**\$17,623,129** 18.47% **\$95,000** 0.10%

\$59,351,948 62.21%

# **Bridge Tolls**

| Category                                    | Historical | FY2026      | Total       |
|---|------------|-------------|-------------|
| Rapid Bus Stop Improvements 10R and 30R     | \$0        | \$230,000   | \$230,000   |
| Transit Signal Priority Upgrade & Expansion | \$49,832   | \$2,682,736 | \$2,732,568 |
| Total Bridge Tolls                          | \$49,832   | \$2,912,736 | \$2,962,568 |

### FTA 5307

| Category   | Historical | FY2026       | Total        |
|--|------------|--------------|--------------|
| Atlantis Facility Construction                                 | \$0        | \$1,060,318  | \$1,060,318  |
| AVL hardware for Replacement Vehicles                          | \$0        | \$221,619    | \$221,619    |
| Communication Devices for Replacement<br>Vehicles              | \$0        | \$26,752     | \$26,752     |
| Fareboxes for Replacement Vehicles                             | \$0        | \$136,793    | \$136,793    |
| Hybrid Battery Replacements                                    | \$65,600   | \$536,606    | \$602,206    |
| Passenger facilities enhancements (LLNL, BART,<br>Las Positas) | \$0        | \$1,818,000  | \$1,818,000  |
| Replace (8) 40' Buses-Hybrid                                   | \$0        | \$6,751,720  | \$6,751,720  |
| Total FTA 5307   | \$65,600   | \$10,551,808 | \$10,617,408 |

### FTA 5339

| Category                                  | Historical | FY2026    | Total     |
|---|------------|-----------|-----------|
| Livermore Transit Center Rehabilitation & | \$157,992  | \$276,819 | \$434,811 |
| Improvement                               |            |           |           |
| Total FTA 5339                            | \$157,992  | \$276,819 | \$434,811 |

| Expenditures                          | <b>≡</b> Table of Contents |              |              |
|---------------------------------------|----------------------------|--------------|--------------|
| LCTOP                                 |                            |              |              |
| Category                              | Historical                 | FY2026       | Total        |
| Atlantis Facility Construction        | \$669,768                  | \$656,983    | \$1,326,751  |
| Total LCTOP                           | \$669,768                  | \$656,983    | \$1,326,751  |
| Measure B or BB                       |                            |              |              |
| Category                              | Historical                 | FY2026       | Total        |
| Atlantis Facility Construction        | \$3,000,000                | \$0          | \$3,000,000  |
| Total Measure B or BB                 | \$3,000,000                | \$0          | \$3,000,000  |
| TDA                                   |                            |              |              |
| Category                              | Historical                 | FY2026       | Total        |
| Atlantis Facility Construction        | \$0                        | \$13,138,526 | \$13,138,526 |
| Atlantis Hydrogen Fueling Station     | \$90,000                   | \$0          | \$90,000     |
| Atlantis NVR and Camera Replacement   | \$0                        | \$35,000     | \$35,000     |
| AVL hardware for Replacement Vehicles | \$0                        | \$55,405     | \$55,405     |
| BAF Drive motors                      | \$0                        | \$120,000    | \$120.000    |

| Category                                       | Historical | FY2026       | Total        |
|--|------------|--------------|--------------|
| Atlantis Facility Construction                 | \$0        | \$13,138,526 | \$13,138,526 |
| Atlantis Hydrogen Fueling Station              | \$90,000   | \$0          | \$90,000     |
| Atlantis NVR and Camera Replacement            | \$0        | \$35,000     | \$35,000     |
| AVL hardware for Replacement Vehicles          | \$0        | \$55,405     | \$55,405     |
| BAE Drive motors                               | \$0        | \$120,000    | \$120,000    |
| Bus Wash refurbishment                         | \$0        | \$104,000    | \$104,000    |
| Communication Devices for Replacement          | \$0        | \$6,688      | \$6,688      |
| Vehicles                                       |            |              |              |
| Dispatch Office Renovation                     | \$18,250   | \$30,000     | \$48,250     |
| Electronic door lock                           | \$0        | \$11,000     | \$11,000     |
| Fareboxes for Replacement Vehicles             | \$0        | \$34,199     | \$34,199     |
| Fleet Engine replacement.                      | \$55,000   | \$220,000    | \$275,000    |
| Genfare Garage Data System Version Upgrade     | \$0        | \$37,400     | \$37,400     |
| Hybrid Battery Replacements                    | \$16,400   | \$134,152    | \$150,552    |
| Livermore Transit Center Rehabilitation &      | \$39,498   | \$126,181    | \$165,679    |
| Improvement                                    |            |              |              |
| Network infrastructure components              | \$0        | \$35,000     | \$35,000     |
| Office 2025 Pro for non agency employees on    | \$0        | \$9,000      | \$9,000      |
| agency computers                               |            |              |              |
| Passenger facilities enhancements (LLNL, BART, | \$78,500   | \$785,000    | \$863,500    |
| Las Positas)                                   |            |              |              |
| Replace (8) 40' Buses-Hybrid                   | \$0        | \$1,687,930  | \$1,687,930  |
| Rutan Bus Facility Yard Gate Replacement       | \$0        | \$348,700    | \$348,700    |
| Rutan Video Surveillance repairs and upgrades  | \$0        | \$73,300     | \$73,300     |
| Transit Capital                                | \$100,000  | \$100,000    | \$200,000    |
| Transit Center NVR and Camera Replacement      | \$0        | \$35,000     | \$35,000     |
| Transmission / hybrid drive replacements       | \$9,000    | \$90,000     | \$99,000     |
| Total TDA                                      | \$406,648  | \$17,216,481 | \$17,623,129 |

| TFCA  |            |          |          |
|---|------------|----------|----------|
| Category                                    | Historical | FY2026   | Total    |
| Transit Signal Priority Upgrade & Expansion | \$0        | \$95,000 | \$95,000 |
| Total TECA                                  | \$0        | \$95.000 | \$95,000 |

| Uncommitted Funding            |            |              |              |
|--------------------------------|------------|--------------|--------------|
| Category                       | Historical | FY2026       | Total        |
| Atlantis Facility Construction | \$0        | \$59,351,948 | \$59,351,948 |
| Total Uncommitted Funding      | \$0        | \$59,351,948 | \$59,351,948 |

# Capital Projects

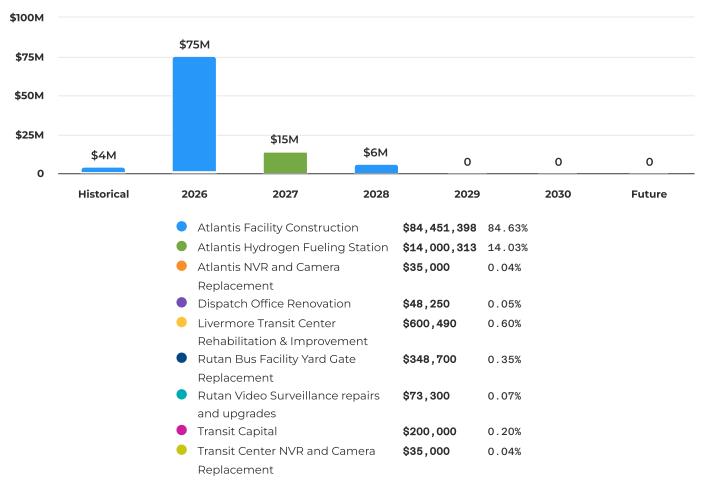
# **Capital Projects**

| Project Name   | Years          | Departments        | Туре                               | Total        |
|--|----------------|--------------------|------------------------------------|--------------|
| Atlantis Facility Construction                               | 2026 -<br>2028 | Capital<br>Program | Building and Facilities            | \$80,781,630 |
| Atlantis Hydrogen Fueling Station                            | 2027           | Capital<br>Program | Building and Facilities            | \$13,910,313 |
| Atlantis NVR and Camera Replacement                          | 2026           | Capital<br>Program | Building and Facilities            | \$35,000     |
| AVL hardware for Replacement Vehicles                        | 2026 -<br>2027 | Capital<br>Program | Vehicles and Wheeled<br>Equipment  | \$415,536    |
| BAE Drive motors   | 2026           | Capital<br>Program | Other Improvements                 | \$120,000    |
| Bus Wash refurbishment                                       | 2026           | Capital<br>Program | Other Improvements                 | \$104,000    |
| Communication Devices for Replacement Vehicles               | 2026 -<br>2027 | Capital<br>Program | Vehicles and Wheeled<br>Equipment  | \$50,160     |
| Dispatch Office Renovation                                   | 2026           | Capital<br>Program | Building and Facilities            | \$30,000     |
| Electronic door lock   | 2026           | Capital<br>Program | Office and Facility Equipment      | \$11,000     |
| Fareboxes for Replacement Vehicles                           | 2026 -<br>2027 | Capital<br>Program | Vehicles and Wheeled<br>Equipment  | \$256,488    |
| Fleet Engine replacement.                                    | 2026           | Capital<br>Program | Other Improvements                 | \$220,000    |
| Genfare Garage Data System Version Upgrade                   | 2026           | Capital<br>Program | Office and Facility Equipment      | \$37,400     |
| Hybrid Battery Replacements                                  | 2026 -<br>2027 | Capital<br>Program | Other Improvements                 | \$883,046    |
| Livermore Transit Center Rehabilitation & Improvement        | 2026           | Capital<br>Program | Building and Facilities            | \$403,000    |
| Network infrastructure components                            | 2026           | Capital<br>Program | Computers and Related<br>Equipment | \$35,000     |
| Office 2025 Pro for non agency employees on agency computers | 2026           | Capital<br>Program | Computers and Related<br>Equipment | \$9,000      |
| Passenger facilities enhancements (LLNL, BART, Las Positas)  | 2026           | Capital<br>Program | Bus Shelters and Stops             | \$2,603,000  |
| Rapid Bus Stop Improvements 10R and 30R                      | 2026 -<br>2027 | Capital<br>Program | Bus Shelters and Stops             | \$2,300,000  |
| Replace (4) 40' Buses-Fuel Cell                              | 2027           | Capital<br>Program | Vehicles and Wheeled<br>Equipment  | \$6,067,325  |
| Replace (8) 40' Buses-Hybrid                                 | 2026           | Capital<br>Program | Vehicles and Wheeled<br>Equipment  | \$8,439,650  |
| Rutan Bus Facility Yard Gate Replacement                     | 2026           | Capital<br>Program | Building and Facilities            | \$348,700    |
| Rutan Video Surveillance repairs and upgrades                | 2026           | Capital<br>Program | Building and Facilities            | \$73,300     |
| Transit Capital  | 2026           | Capital<br>Program | Building and Facilities            | \$100,000    |

| Project Name                                | Years | Departments        | Туре                    | Total       |
|---|-------|--------------------|-------------------------|-------------|
| Transit Center NVR and Camera Replacement   | 2026  | Capital<br>Program | Building and Facilities | \$35,000    |
| Transit Signal Priority Upgrade & Expansion | 2026  | Capital<br>Program | Other Improvements      | \$2,777,736 |
| Transmission / hybrid drive replacements    | 2026  | Capital<br>Program | Other Improvements      | \$90,000    |

# Building and Facilities

FY26 - FY30 Building and Facilities Projects (including Historical, Future)



#### **Summary of Requests**

| Category                             | Historical  | FY2026       | FY2027       | FY2028      | FY2029 | FY2030 | Future | Total        |
|--------------------------------------|-------------|--------------|--------------|-------------|--------|--------|--------|--------------|
| Atlantis Facility                    | \$3,669,768 | \$74,207,775 | \$683,262    | \$5,890,593 | \$0    | \$0    | \$0    | \$84,451,398 |
| Construction                         |             |              |              |             |        |        |        |              |
| Atlantis Hydrogen Fueling<br>Station | \$90,000    | \$0          | \$13,910,313 | \$0         | \$0    | \$0    | \$0    | \$14,000,313 |
| Atlantis NVR and Camera              | \$0         | \$35,000     | \$0          | \$0         | \$0    | \$0    | \$0    | \$35,000     |
| Replacement                          |             |              |              |             |        |        |        |              |
| Dispatch Office                      | \$18,250    | \$30,000     | \$0          | \$0         | \$0    | \$0    | \$0    | \$48,250     |
| Renovation                           |             |              |              |             |        |        |        |              |
| Livermore Transit Center             | \$197,490   | \$403,000    | \$0          | \$0         | \$0    | \$0    | \$0    | \$600,490    |
| Rehabilitation &<br>Improvement      |             |              |              |             |        |        |        |              |
| Rutan Bus Facility Yard              | \$0         | \$348,700    | \$0          | \$0         | \$0    | \$0    | \$0    | \$348,700    |
| Gate Replacement                     |             |              |              |             |        |        |        |              |
| Rutan Video Surveillance             | \$0         | \$73,300     | \$0          | \$0         | \$0    | \$0    | \$0    | \$73,300     |
| repairs and upgrades                 |             |              |              |             |        |        |        |              |
| Transit Capital                      | \$100,000   | \$100,000    | \$0          | \$0         | \$0    | \$0    | \$0    | \$200,000    |
| Transit Center NVR and               | \$0         | \$35,000     | \$0          | \$0         | \$0    | \$0    | \$0    | \$35,000     |
| Camera Replacement                   |             |              |              |             |        |        |        |              |

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| Category         | Historical  | FY2026       | FY2027       | FY2028      | FY2029 | FY2030 | Future | Total        |
|------------------|-------------|--------------|--------------|-------------|--------|--------|--------|--------------|
| Total Summary of | \$4,075,508 | \$75,232,775 | \$14,593,575 | \$5,890,593 | \$0    | \$0    | \$0    | \$99,792,451 |
| Requests         |             |              |              |             |        |        |        |              |

# Atlantis Facility Construction

# **Overview**

**Request Owner** Jennifer Yeamans, Senior Grants

& Management Specialist

Department Capital Program

Type Capital Improvement

**Estimated Start** 

Date

07/1/2025

**Estimated Completion Date** 

12/31/2031

# **Description**

Construct necessary facility improvements at the Atlantis Maintenance Facility to replace existing aging, insufficient facilities near the end of their useful life and accommodate its transition to and future expansion of a 100% Fuel Cell Electric Bus (FCEB) fleet. Construction scope will include a 34,000-square-foot maintenance building, a 22,000-squarefoot administration and operations building, related site work and electrical improvements, and landscaping.

### **Details**

Type of Project: New Construction

## **Supplemental Attachments**



Budget Backup Info -- funding by phase and source

# **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$3.67M \$84.5M \$74.2M \$80.8M

| Category                 | Historical  | <b>FY2026</b> Requested | <b>FY2027</b> Requested | <b>FY2028</b><br>Requested | Future | Total        |
|--------------------------|-------------|-------------------------|-------------------------|----------------------------|--------|--------------|
| Construction/Maintenance | \$3,669,768 | \$72,882,377            | \$683,262               | \$5,890,593                | \$0    | \$83,126,000 |
| Design                   | \$0         | \$1,325,398             | \$0                     | \$0                        | \$0    | \$1,325,398  |
| Total                    | \$3,669,768 | \$74,207,775            | \$683,262               | \$5,890,593                | \$0    | \$84,451,398 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$74.2M \$84.5M \$80.8M \$3.67M

| Category            | Historical  | <b>FY2026</b><br>Requested | <b>FY2027</b><br>Requested | <b>FY2028</b> Requested | Future      | Total        |
|---------------------|-------------|----------------------------|----------------------------|-------------------------|-------------|--------------|
| Uncommitted Funding | \$0         | \$59,351,948               | \$0                        | \$0                     | \$0         | \$59,351,948 |
| TDA                 | \$0         | \$13,138,526               | \$0                        | \$0                     | \$0         | \$13,138,526 |
| STIP                | \$0         | \$0                        | \$0                        | \$5,180,000             | \$0         | \$5,180,000  |
| Measure B or BB     | \$3,000,000 | \$0                        | \$0                        | \$0                     | \$0         | \$3,000,000  |
| LCTOP               | \$669,768   | \$656,983                  | \$683,262                  | \$710,593               | \$0         | \$2,720,606  |
| FTA 5307            | \$0         | \$1,060,318                | \$0                        | \$0                     | \$0         | \$1,060,318  |
| Total               | \$3,669,768 | \$74,207,775               | \$683,262                  | \$5,890,593             | <b>\$</b> 0 | \$84,451,398 |

# Atlantis Hydrogen Fueling Station

# **Overview**

Request Owner Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2027

**Estimated** 

**Completion Date** 

# **Project Location**



# **Description**

This project will construct a hydrogen fueling station at LAVTA's Atlantis Facility; if started in FY27, the fueling station will be built by the end of FY28. The fueling station has been designed with up to two tanks that would support fueling the full fleet of LAVTA fuel cell buses once the Agency fully transitions to hydrogen.

#### **Details**

Type of Project: New Construction

# **Supplemental Attachments**



Hydrogen Fueling Station Funding Detail

## **Capital Cost**

Historical Total Budget (all years) Project Total (to date) FY2026 Budget

\$90K \$13.9M \$14M \$0

| Category                 | Historical | <b>FY2027</b><br>Requested | Future | Total        |
|--------------------------|------------|----------------------------|--------|--------------|
| Construction/Maintenance | \$0        | \$13,275,313               | \$0    | \$13,275,313 |
| Design                   | \$90,000   | \$635,000                  | \$0    | \$725,000    |
| Total                    | \$90,000   | \$13,910,313               | \$0    | \$14,000,313 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$14M \$13.9M \$90K \$0

| Category | Historical | FY2027       | Future | Total        |
|----------|------------|--------------|--------|--------------|
|          | HISTORICAL | Requested    | ruture | Total        |
| FTA 5307 | \$0        | \$10,620,250 | \$0    | \$10,620,250 |
| TDA      | \$90,000   | \$2,664,287  | \$0    | \$2,754,287  |
| LCTOP    | \$0        | \$625,776    | \$0    | \$625,776    |
| Total    | \$90,000   | \$13,910,313 | \$0    | \$14,000,313 |

# Atlantis NVR and Camera Replacement

## **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



# **Description**

This essential project will modernize the agency's network video recorder and associated cameras at the Atlantis site, which are beyond their useful life. Investing in this upgrade ensures the safety and protection of both the facility and its operations. ICE estimates 22k for parts, plus tax, 11 k Labor total for project 35k

### **Details**

Type of Project: Replacement

## **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

| Category             | Historical | FY2026    | Future     | Total    |
|----------------------|------------|-----------|------------|----------|
|                      | Historical | Requested | ruture     | iotai    |
| Repairs/Improvements | \$0        | \$35,000  | \$0        | \$35,000 |
| Total                | <b>\$0</b> | \$35,000  | <b>\$0</b> | \$35,000 |

FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

| Category | Historical  | FY2026    | Future      | Total    |
|----------|-------------|-----------|-------------|----------|
|          | HISTORICAL  | Requested | ruture      |          |
| TDA      | \$0         | \$35,000  | \$0         | \$35,000 |
| Total    | <b>\$</b> 0 | \$35,000  | <b>\$</b> 0 | \$35,000 |

# Dispatch Office Renovation

## **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2024

**Estimated** 06/30/2026

**Completion Date** 

# **Project Location**

1362 Rutan Drive



# **Description**

The Operations Dispatch office floor at the agency's Rutan facility is the sole area elevated above grade, a design choice made to accommodate at-grade electrical conduit runs. Over time, this elevated section has deteriorated, becoming spongy and necessitating replacement. This project involves the removal of the existing sub-flooring and flooring, followed by the installation of durable, high-quality vinyl flooring to restore functionality and ensure long-term reliability.

#### **Details**

Type of Project: Refurbishment

# **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$18.3K \$30K \$30K \$48.3K

| Category             | Historical | <b>FY2026</b><br>Requested | Future      | Total    |
|----------------------|------------|----------------------------|-------------|----------|
| Repairs/Improvements | \$0        | \$30,000                   | \$0         | \$30,000 |
| Planning             | \$18,250   | \$0                        | \$0         | \$18,250 |
| Total                | \$18,250   | \$30,000                   | <b>\$</b> 0 | \$48,250 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$48.3K \$30K \$30K \$18.3K

| Category | Historical | <b>FY2026</b><br>Requested | Future | Total    |
|----------|------------|----------------------------|--------|----------|
| TDA      | \$18,250   | \$30,000                   | \$0    | \$48,250 |
| Total    | \$18,250   | \$30,000                   | \$0    | \$48,250 |

# Livermore Transit Center Rehabilitation & Improvement

### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

**Date** 

01/1/2023

06/30/2026

Estimated

**Completion Date** 

# **Project Location**

2500 Railroad Avenue



# **Description**

The Livermore Transit Center Rehabilitation and Improvement Project will address a significant backlog of deferred maintenance and safety enhancement needs at LAVTA's most-used passenger facility on its property, including replacement and rehabilitation of assets past or at the end of their useful life, including safety features and enhanced lighting and updated information and wayfinding signage. Repainting of the passenger canopy and signature stop on Railroad Ave were completed in FY25.

#### **Transit Center Monuments replacements**

This project involves the removal of the existing pillar-shaped monuments at both Transit Center entrances. They will be replaced with modern, low-profile monument signs thoughtfully designed to align with the city's downtown architectural standards. Design for this project took place in FY 2025. The replacement project will take place in FY 2026.

Removal of old Monuments (each) \$5k, OPC for Replacement Monuments \$47,000, CM \$15,000.

#### **Railroad Court lighting improvements**

The area between the Transit Center and our Signature bus stop on Maple Ave is poorly lit at night. The City of Livermore has provided the agency with a 30% design and an engineer's estimate for the project. The budget request will take the project from 30% design to completion by completing the design and see the agency installing 3 new light standards in Railroad court.

PS&E \$32,000, CA & CM, \$45,000., Construction (per engineer's estimate + contingency) \$201,000 for a total of \$278,000.

# **Details**

Type of Project: Refurbishment

# **Supplemental Attachments**

33c211ee7947db95822e.pdf

73b2efa64996cbf4c369.pdf

3313d7dbb1b572b7450e.pdf

c30c62484a051cb87ff9.pdf

# **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$197K \$403K \$403K \$600K

## **Detailed Breakdown**

| Category             | Historical | <b>FY2026</b><br>Requested | Future | Total     |
|----------------------|------------|----------------------------|--------|-----------|
| Repairs/Improvements | \$168,740  | \$346,000                  | \$0    | \$514,740 |
| Planning             | \$28,750   | \$57,000                   | \$0    | \$85,750  |
| Total                | \$197,490  | \$403,000                  | \$0    | \$600,490 |

# **Funding Sources**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$197K \$403K \$403K \$600K

| Category | Historical | <b>FY2026</b><br>Requested | Future     | Total     |
|----------|------------|----------------------------|------------|-----------|
| FTA 5339 | \$157,992  | \$276,819                  | \$0        | \$434,811 |
| TDA      | \$39,498   | \$126,181                  | \$0        | \$165,679 |
| Total    | \$197,490  | \$403,000                  | <b>\$0</b> | \$600,490 |

# Rutan Bus Facility Yard Gate Replacement

## **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



# **Description**

The gate leading into the bus yard, which is as old as the facility itself, circa 1991, has begun to fail at regular intervals and requires replacement. This project will remove, replace and update the gate, as well as the surrounding area to modern standards. A new gate will be constructed in FY26. PS&E \$34,500 (FY25), CM 31,700 est. Project cost based on an engineer's estimate: \$317,000 for a total cost of \$383,200

#### **Details**

Type of Project: Replacement

# **Supplemental Attachments**

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# **Capital Cost**

FY2026 Budget

Total Budget (all years)

Project Total

\$349K

\$349K

\$349K

## **Detailed Breakdown**

| Category                 | Historical | <b>FY2026</b><br>Requested | Future | Total     |
|--------------------------|------------|----------------------------|--------|-----------|
| Construction/Maintenance | \$0        | \$348,700                  | \$0    | \$348,700 |
| Design                   | \$0        | \$0                        | \$0    | \$0       |
| Total                    | <b>\$0</b> | \$348,700                  | \$0    | \$348,700 |

# **Funding Sources**

FY2026 Budget

Total Budget (all years)

Project Total

\$349K

\$349K

\$349K

| Category        | Historical  | <b>FY2026</b><br>Requested | Future | Total     |
|-----------------|-------------|----------------------------|--------|-----------|
| TDA             | \$0         | \$348,700                  | \$0    | \$348,700 |
| Measure B or BB | \$0         | \$0                        | \$0    | \$0       |
| Total           | <b>\$</b> 0 | \$348,700                  | \$0    | \$348,700 |

# Rutan Video Surveillance repairs and upgrades

### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

08/5/2024

**Estimated** 06/30/2026

**Completion Date** 

# **Project Location**



Project Total

# **Description**

This critical project will replace several aspects of the agency's video surveillance system at Rutan, addressing several pressing issues that compromise security. Many cameras have already failed, while others deliver substandard video resolution due to outdated technology. Additionally, the facility has extensive blind spots, leaving large areas vulnerable. By replacing malfunctioning cameras, upgrading outdated units, adding new cameras to eliminate blind spots, and replacing the Network Video Recorder (NVR) that has exceeded its serviceable life, this project will ensure a comprehensive and reliable surveillance system that significantly enhances security and operational oversight.

#### **Details**

Type of Project: Replacement

## **Capital Cost**

FY2026 Budget Total Budget (all years)

\$73.3K \$73.3K \$73.3K

| Category             | Historical | <b>FY2026</b><br>Requested | Future | Total    |
|----------------------|------------|----------------------------|--------|----------|
| Repairs/Improvements | \$0        | \$73,300                   | \$0    | \$73,300 |
| Total                | \$0        | \$73,300                   | \$0    | \$73,300 |

FY2026 Budget

Total Budget (all years)

Project Total

\$73.3K

\$73.3K

\$73.3K

| Category | Historical | FY2026    | Future     | Total    |
|----------|------------|-----------|------------|----------|
| Category | Historical | Requested | ruture     | iotai    |
| TDA      | \$0        | \$73,300  | \$0        | \$73,300 |
| Total    | <b>\$0</b> | \$73,300  | <b>\$0</b> | \$73,300 |

# Transit Capital

## **Overview**

**Request Owner** Tamara Edwards, Finance

Director

**Department** Capital Program

**Type** Capital Improvement

# **Description**

The funds associated with this line item will be used to cover miscellaneous projects that come up throughout the year.

# **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$100K \$100K \$100K \$200K

### **Detailed Breakdown**

| Category                 | Historical | FY2026    | Future | Total     |  |
|--------------------------|------------|-----------|--------|-----------|--|
| Category                 | HIStorical | Requested | ruture | iotai     |  |
| Construction/Maintenance | \$100,000  | \$100,000 | \$0    | \$200,000 |  |
| Total                    | \$100,000  | \$100,000 | \$0    | \$200,000 |  |

# **Funding Sources**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$100K \$100K \$100K \$200K

| Catagony | Historical | FY2026    | Future      | Total     |
|----------|------------|-----------|-------------|-----------|
| Category | HIStorical | Requested | ruture      | TOtal     |
| TDA      | \$100,000  | \$100,000 | \$0         | \$200,000 |
| Total    | \$100,000  | \$100.000 | <b>\$</b> 0 | \$200.000 |

# Transit Center NVR and Camera Replacement

### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

Estimated Start

Date

07/1/2025

**Estimated** 06/30/2026

**Completion Date** 

# **Project Location**



# **Description**

This project will replace the network video recorder which utilizes an obsolete operating system and associated failed cameras at the Livermore Transit Center. ICE estimates 22k for parts, plus tax, 11 k Labor total for project 35k

#### **Details**

Type of Project: Replacement

# **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

| Catagony             | Historical | FY2026   | Future     | Total    |  |
|----------------------|------------|----------|------------|----------|--|
| Category             | Requested  |          | ruture     | iotai    |  |
| Repairs/Improvements | \$0        | \$35,000 | \$0        | \$35,000 |  |
| Total                | <b>\$0</b> | \$35,000 | <b>\$0</b> | \$35,000 |  |

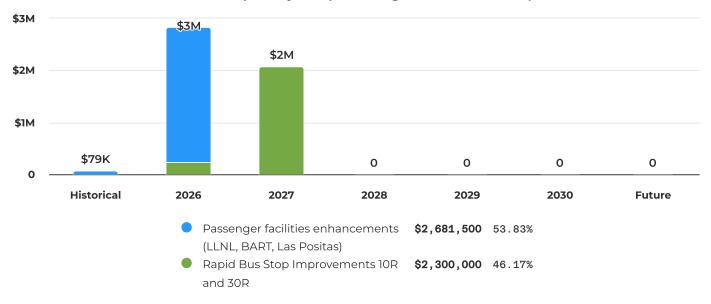
FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

| Category | Historical  | FY2026    | Future | Total    |
|----------|-------------|-----------|--------|----------|
| Category | Historical  | Requested | ruture | Total    |
| TDA      | \$0         | \$35,000  | \$0    | \$35,000 |
| Total    | <b>\$</b> 0 | \$35,000  | \$0    | \$35,000 |

# Bus Shelters and Stops

FY26 - FY30 Bus Shelters and Stops Projects (including Historical, Future)



| Summary of Requests   |            |             |             |        |        |        |        |             |
|---|------------|-------------|-------------|--------|--------|--------|--------|-------------|
| Category  | Historical | FY2026      | FY2027      | FY2028 | FY2029 | FY2030 | Future | Total       |
| Passenger facilities<br>enhancements (LLNL,<br>BART, Las Positas) | \$78,500   | \$2,603,000 | \$0         | \$0    | \$0    | \$0    | \$0    | \$2,681,500 |
| Rapid Bus Stop<br>Improvements 10R and 30R                        | \$0        | \$230,000   | \$2,070,000 | \$0    | \$0    | \$0    | \$0    | \$2,300,000 |
| Total Summary of<br>Requests                                      | \$78,500   | \$2,833,000 | \$2,070,000 | \$0    | \$0    | \$0    | \$0    | \$4,981,500 |

# Passenger facilities enhancements (LLNL, BART, Las Positas)

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

**Date** 

07/1/2024

**Estimated** 06/30/2026

**Completion Date** 

# **Project Location**



# **Description**

BART, Las Positas and LLNL improvements

FTA Funded TO for design by end of April KH

Construction to start by end of 2025

This project will see the agency construct transit Passenger Facilities Enhancements in the cities of Dublin and Livermore, at three high-ridership stops on LAVTA's Rapid network. Improvements will include custom Rapid-branded passenger shelters and signage, real-time transit information displays, bike racks, waste receptacles, and placemaking elements.

# **Details**

Type of Project: Improvement

#### **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

| Category                 | Historical | <b>FY2026</b><br>Requested | Future | Total       |
|--------------------------|------------|----------------------------|--------|-------------|
| Construction/Maintenance | \$0        | \$2,603,000                | \$0    | \$2,603,000 |
| Design                   | \$78,500   | \$0                        | \$0    | \$78,500    |
| Total                    | \$78,500   | \$2,603,000                | \$0    | \$2,681,500 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$2.68M \$2.6M \$78.5K \$2.6M

| Category | Historical | FY2026      | Future | Total       |  |
|----------|------------|-------------|--------|-------------|--|
| Category | HIStorical | Requested   | Future | Total       |  |
| FTA 5307 | \$0        | \$1,818,000 | \$0    | \$1,818,000 |  |
| TDA      | \$78,500   | \$785,000   | \$0    | \$863,500   |  |
| Total    | \$78,500   | \$2,603,000 | \$0    | \$2,681,500 |  |

# Rapid Bus Stop Improvements 10R and 30R

## **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Improvement

**Estimated Start** 

Date

07/1/2025

**Estimated Completion Date**  06/30/2026

# **Description**

The LAVTA Rapid Bus Stop Improvement Project will construct and install Rapid signage (both real-time bus arrival digital signs and other signage in display cases), shelters, benches, trash receptacles, and other passenger amenities for Rapid bus stops that are yet to receive them. Such amenities will bring consistency to the corridors served and continue to grow ridership.

#### **Details**

Type of Project: New Construction

# **Supplemental Attachments**



Dave Massa

KH Quote for profession services



RM2 Allocation info

RM2 funding plan and schedule from initial allocation approval

# **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$230K \$2.3M \$2.3M

**Detailed Breakdown** 

| Category                 | Historical | <b>FY2026</b> Requested | <b>FY2027</b><br>Requested | Future | Total       |
|--------------------------|------------|-------------------------|----------------------------|--------|-------------|
| Construction/Maintenance | \$0        | \$0                     | \$2,070,000                | \$0    | \$2,070,000 |
| Design                   | \$0        | \$230,000               | \$0                        | \$0    | \$230,000   |
| Total                    | \$0        | \$230,000               | \$2,070,000                | \$0    | \$2,300,000 |

# **Funding Sources**

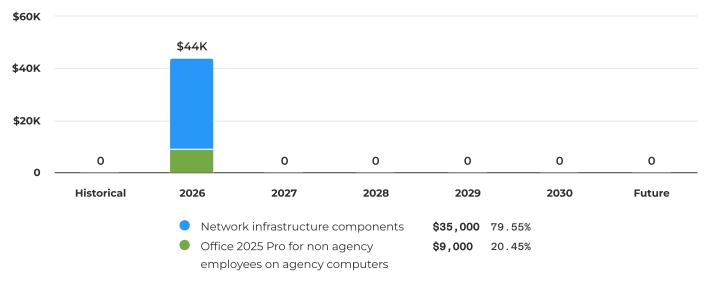
FY2026 Budget Total Budget (all years) Project Total

\$230K \$2.3M \$2.3M

| Catogory     | Historical | FY2026    | FY2027      | Future | Total       |
|--------------|------------|-----------|-------------|--------|-------------|
| Category     | HISTORICAL | Requested | Requested   | ruture | iotai       |
| Bridge Tolls | \$0        | \$230,000 | \$2,070,000 | \$0    | \$2,300,000 |
| Total        | \$0        | \$230,000 | \$2,070,000 | \$0    | \$2,300,000 |

# Computers and Related Equipment

FY26 - FY30 Computers and Related Equipment Projects (including Historical, Future)



| Summary of Reques  | ts         |          |        |        |        |        |        |          |
|--|------------|----------|--------|--------|--------|--------|--------|----------|
| Category   | Historical | FY2026   | FY2027 | FY2028 | FY2029 | FY2030 | Future | Total    |
| Network infrastructure components                            | \$0        | \$35,000 | \$0    | \$0    | \$0    | \$0    | \$0    | \$35,000 |
| Office 2025 Pro for non agency employees on agency computers | \$0        | \$9,000  | \$0    | \$0    | \$0    | \$0    | \$0    | \$9,000  |
| Total Summary of Requests                                    | \$0        | \$44,000 | \$0    | \$0    | \$0    | \$0    | \$0    | \$44,000 |

# Network infrastructure components

# **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Equipment

**Estimated Start** 

Date

07/1/2025

Estimated Completion Date

06/30/2026

# Description

These funds will be used to replace any component of the agency network that fails during the fiscal year.

## **Details**

New Purchase or Replacement: Replacement

# **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

#### **Detailed Breakdown**

| Category  | Historical | <b>FY2026</b> Requested | Future | Total    |
|-----------|------------|-------------------------|--------|----------|
| Equipment | \$0        | \$35,000                | \$0    | \$35,000 |
| Total     | \$0        | \$35,000                | \$0    | \$35,000 |

## **Funding Sources**

FY2026 Budget Total Budget (all years) Project Total

\$35K \$35K \$35K

| Category | Historical | <b>FY2026</b><br>Requested | Future | Total    |
|----------|------------|----------------------------|--------|----------|
| TDA      | \$0        | \$35,000                   | \$0    | \$35,000 |
| Total    | \$0        | \$35,000                   | \$0    | \$35,000 |

# Office 2025 Pro for non agency employees on agency computers

### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Equipment

**Estimated Start** 

Date

07/1/2025

Estimated
Completion Date

06/30/2026

# Description

The agency contractors currently operate with Office 2019 on all agency-owned computers. However, Office 2019 is reaching its end of life this October and will no longer meet security standards. As contractors are required to use these applications to perform their tasks effectively, it is imperative for the agency to provide a solution.

To address this, the agency must consider two options: either adopt Microsoft 365 by paying monthly license fees for these users or invest in licensing the latest version of Office software, which can be utilized securely for the next six years or until its end-of-life date. Staff recommend and have included the cost for purchasing the licenses.

#### **Details**

New Purchase or Replacement: Replacement

# **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$9K \$9K \$9K

| Catagony | Historical FY2026 |           | Future | Total   |
|----------|-------------------|-----------|--------|---------|
| Category | HIStorical        | Requested | ruture | iotai   |
|          | \$0               | \$9,000   | \$0    | \$9,000 |
| Total    | <b>\$0</b>        | \$9,000   | \$0    | \$9,000 |

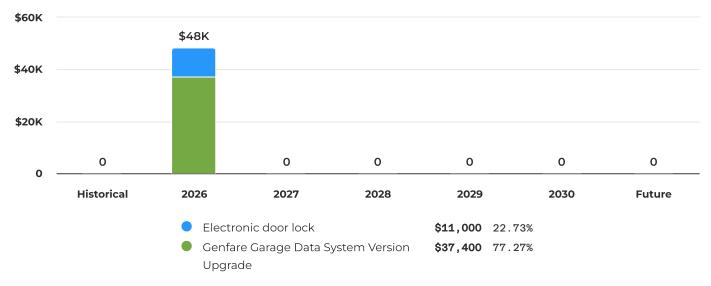
FY2026 Budget Total Budget (all years) Project Total

\$9K \$9K \$9K

| Catagony | Historical | FY2026    | Future | Total   |
|----------|------------|-----------|--------|---------|
| Category |            | Requested | Future |         |
| TDA      | \$0        | \$9,000   | \$0    | \$9,000 |
| Total    | <b>\$0</b> | \$9,000   | \$0    | \$9,000 |

# Office and Facility Equipment

FY26 - FY30 Office and Facility Equipment Projects (including Historical, Future)



| Summary of Request                            | ts         |          |        |        |        |        |        |          |
|---|------------|----------|--------|--------|--------|--------|--------|----------|
| Category                                      | Historical | FY2026   | FY2027 | FY2028 | FY2029 | FY2030 | Future | Total    |
| Electronic door lock                          | \$0        | \$11,000 | \$0    | \$0    | \$0    | \$0    | \$0    | \$11,000 |
| Genfare Garage Data<br>System Version Upgrade | \$0        | \$37,400 | \$0    | \$0    | \$0    | \$0    | \$0    | \$37,400 |
| Total Summary of<br>Requests                  | \$0        | \$48,400 | \$0    | \$0    | \$0    | \$0    | \$0    | \$48,400 |

# Electronic door lock

### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Equipment

**Estimated Start** 

Date

07/1/2024

Estimated

06/30/2025

**Completion Date** 

### **Description**

In fiscal year 2024, the agency deployed several new technologies to increase building security. We have added to that as the need has arisen. This project would add the doors from the agency hallway to the bus yard, and the door to the contractor's hallway. These funds will be used to have the electronic door locks installed, configured and add a spring return to the door to close it automatically.

#### **Details**

New Purchase or Replacement: New

## **Capital Cost**

FY2026 Budget Total Budget (all years)

\$11K \$11K \$11K

#### **Detailed Breakdown**

| Category     | Historical | <b>FY2026</b><br>Requested | Future      | Total    |
|--------------|------------|----------------------------|-------------|----------|
|              | \$0        | \$7,000                    | \$0         | \$7,000  |
| Installation | \$0        | \$4,000                    | \$0         | \$4,000  |
| Total        | <b>\$0</b> | \$11,000                   | <b>\$</b> 0 | \$11,000 |

Project Total

FY2026 Budget

Total Budget (all years)

Project Total

\$11K

\$11K

\$11K

| Category | Historical | FY2026    | Future | Total    |
|----------|------------|-----------|--------|----------|
|          |            | Requested | ruture |          |
| TDA      | \$0        | \$11,000  | \$0    | \$11,000 |
| Total    | <b>\$0</b> | \$11,000  | \$0    | \$11,000 |

# Genfare Garage Data System Version Upgrade

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Equipment

**Estimated Start** 

**Date** 

07/1/2025

Estimated

06/30/2026

**Completion Date** 

#### **Description**

The Genfare vault, probes, server and software infrastructure are all parts of a system that securely captures the funds on the fleet and then stores those funds that are removed from the bus fareboxes daily. This system recently had the main vault, cabling and physical infrastructure replaced, and the Garage data server upgraded from a physical machine to a VM. However, the Garage data server software (GDS) remained the same version. The agency does not pay a monthly fee for Genfare's support. Therefore, they have not upgraded this software in over 15 years. We also pay for support on a time and materials basis, which has occurred on a very infrequent basis.

Genfare recently announced that their latest version of GDS will be their last offering available for sale. Everything from this point forward will only be available as SaaS. As of today, the agency still has two options. Pay for the upgrade to the latest version of GDS at \$37,400 once and then, when the economy turns around, move to the new cloud-based SaaS solution. The other option is to move to SaaS today. That option would cost \$46,200 including the first year's worth of subscription and support at \$13,650. Ongoing subscription and support is forecast to increase at a rate of approximately 3.5% per year. So \$14,059 for FY27, \$14,481 for FY28 and so on.

Staff recommends the first option of upgrading to the latest version and then later when the economy turns around, moving to the cloud-based SaaS solution.

#### **Details**

New Purchase or Replacement: Replacement

# **Supplemental Attachments**

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# **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$37.4K \$37.4K \$37.4K

#### **Detailed Breakdown**

| Category  | Historical | <b>FY2026</b><br>Requested | Future | Total    |
|-----------|------------|----------------------------|--------|----------|
| Equipment | \$0        | \$37,400                   | \$0    | \$37,400 |
| Total     | \$0        | \$37,400                   | \$0    | \$37,400 |

## **Funding Sources**

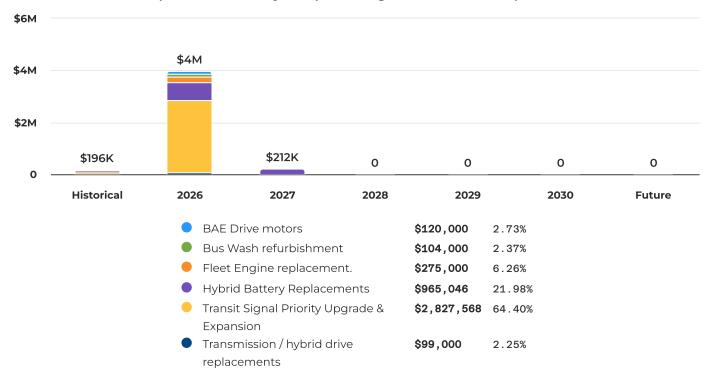
FY2026 Budget Total Budget (all years) Project Total

\$37.4K \$37.4K \$37.4K

| Total    | Future | <b>FY2026</b><br>Requested | Historical | Category |
|----------|--------|----------------------------|------------|----------|
| \$37,400 | \$0    | \$37,400                   | \$0        | TDA      |
| \$37,400 | \$0    | \$37,400                   | \$0        | Total    |

# Other Improvements

FY26 - FY30 Other Improvements Projects (including Historical, Future)



#### **Summary of Requests**

| Category                                       | Historical | FY2026      | FY2027    | FY2028 | FY2029 | FY2030 | Future | Total       |
|--|------------|-------------|-----------|--------|--------|--------|--------|-------------|
| BAE Drive motors                               | \$0        | \$120,000   | \$0       | \$0    | \$0    | \$0    | \$0    | \$120,000   |
| Bus Wash refurbishment                         | \$0        | \$104,000   | \$0       | \$0    | \$0    | \$0    | \$0    | \$104,000   |
| Fleet Engine replacement.                      | \$55,000   | \$220,000   | \$0       | \$0    | \$0    | \$0    | \$0    | \$275,000   |
| Hybrid Battery<br>Replacements                 | \$82,000   | \$670,758   | \$212,288 | \$0    | \$0    | \$0    | \$0    | \$965,046   |
| Transit Signal Priority<br>Upgrade & Expansion | \$49,832   | \$2,777,736 | \$0       | \$0    | \$0    | \$0    | \$0    | \$2,827,568 |
| Transmission / hybrid drive replacements       | \$9,000    | \$90,000    | \$0       | \$0    | \$0    | \$0    | \$0    | \$99,000    |
| Total Summary of<br>Requests                   | \$195,832  | \$3,982,494 | \$212,288 | \$0    | \$0    | \$0    | \$0    | \$4,390,614 |

# **BAE** Drive motors

## Overview

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



**Project Total** 

## Description

As part of our contractual agreement with MV Transportation, the agency is responsible for paying for certain high-value items when they fail on the buses. The drive motors, the devices that cause the bus to move, are in that category. BAE is the manufacturer of the drive motors in 30 of our 2016-17 fleet. In the past three years, the agency has replaced four drive motors, although none were replaced in FY 2025 which was unusual. As the buses age, that number is expected to increase. These funds will be used to replace the drive motors that fail throughout fiscal year 2026.

#### **Details**

Type of Project: Refurbishment

#### **Capital Cost**

FY2026 Budget Total Budget (all years)

\$120K \$120K \$120K

| Category                   | Historical | <b>FY2026</b><br>Requested | Future     | Total     |
|----------------------------|------------|----------------------------|------------|-----------|
| Equipment/Vehicle/Furnishi | \$0        | \$120,000                  | \$0        | \$120,000 |
| ngs                        |            |                            |            |           |
| Total                      | <b>\$0</b> | \$120,000                  | <b>\$0</b> | \$120,000 |

FY2026 Budget

Total Budget (all years)

Project Total

\$120K

\$120K

\$120K

| Category | Historical | FY2026    | Future | Total     |
|----------|------------|-----------|--------|-----------|
|          |            | Requested | ruture | Total     |
| TDA      | \$0        | \$120,000 | \$0    | \$120,000 |
| Total    | <b>\$0</b> | \$120,000 | \$0    | \$120,000 |

# Bus Wash refurbishment

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



### **Description**

The bus wash is used daily to maintain the high standard of cleanliness the agency has regarding its buses. The unit was installed in 2009 and is increasingly becoming unreliable. These funds are going to be used to repair and refurbish the bus wash to increase its reliability.

#### **Details**

Type of Project: Refurbishment

## **Supplemental Attachments**



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#### **Capital Cost**

FY2026 Budget Total Budget (all years)

**Project Total** 

\$104K \$104K \$104K

| Catagory                 | Historical | FY2026    | Future | Total     |
|--------------------------|------------|-----------|--------|-----------|
| Category                 | Historical | Requested | ruture | TOtal     |
| Construction/Maintenance | \$0        | \$104,000 | \$0    | \$104,000 |
| Total                    | \$0        | \$104,000 | \$0    | \$104,000 |

Project Total

# **Funding Sources**

FY2026 Budget Total Budget (all years)

\$104K \$104K \$104K

| Category | Historical | <b>FY2026</b><br>Requested | Future | Total     |
|----------|------------|----------------------------|--------|-----------|
| TDA      | \$0        | \$104,000                  | \$0    | \$104,000 |
| Total    | <b>\$0</b> | \$104,000                  | \$0    | \$104,000 |

# Fleet Engine replacement.

## Overview

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



## Description

As part of our contractual agreement with MV Transportation, the agency is responsible for paying for certain high-value items when they fail on the buses. The engines are included in this category. In the past three years, the agency has replaced five engines. As the buses age, that number is expected to increase. The requested funds anticipate that four engines will fail throughout fiscal year 2026.

#### **Details**

Type of Project: Refurbishment

#### **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$55K \$220K \$220K \$275K

| Category                   | Historical | <b>FY2026</b><br>Requested | Future | Total     |
|----------------------------|------------|----------------------------|--------|-----------|
| Equipment/Vehicle/Furnishi | \$55,000   | \$220,000                  | \$0    | \$275,000 |
| ngs<br><b>Total</b>        | \$55,000   | \$220,000                  | \$0    | \$275,000 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$275K \$55K \$220K \$220K

| Category | Historical | <b>FY2026</b><br>Requested | Future | Total     |
|----------|------------|----------------------------|--------|-----------|
| TDA      | \$55,000   | \$220,000                  | \$0    | \$275,000 |
| Total    | \$55,000   | \$220,000                  | \$0    | \$275,000 |

# Hybrid Battery Replacements

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2024

06/30/2027

Estimated

**Completion Date** 

# **Project Location**



## Description

As part of our contractual agreement with MV Transportation, the agency is responsible for paying for certain high-value items when they fail on the buses. Hybrid drive batteries are included in this category. Over the past three years, the agency has replaced seven batteries. As the buses age, that number is expected to increase. This request is to fund battery replacement regardless of OEM. This request will fund battery pack replacement on approximately 6 buses.

FYI. The cost of batteries has increased dramatically. The most recent quote was for \$110k for one bus.

#### **Details**

Type of Project: Refurbishment

#### **Capital Cost**

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$82K \$671K \$883K \$965K

| Category                   | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b> Requested | Future | Total     |
|----------------------------|------------|----------------------------|-------------------------|--------|-----------|
| Equipment/Vehicle/Furnishi | \$82,000   | \$670,758                  | \$212,288               | \$0    | \$965,046 |
| ngs                        |            |                            |                         |        |           |
| Total                      | \$82,000   | \$670,758                  | \$212,288               | \$0    | \$965,046 |

Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$965K \$82K \$671K \$883K

| Category | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b><br>Requested | Future      | Total     |
|----------|------------|----------------------------|----------------------------|-------------|-----------|
| FTA 5307 | \$65,600   | \$536,606                  | \$169,830                  | \$0         | \$772,036 |
| TDA      | \$16,400   | \$134,152                  | \$42,458                   | \$0         | \$193,010 |
| Total    | \$82,000   | \$670,758                  | \$212,288                  | <b>\$</b> 0 | \$965,046 |

# Transit Signal Priority Upgrade & Expansion

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2024

**Estimated** 06/30/2026

**Completion Date** 

# **Project Location**

1362 Rutan Drive



### **Description**

This project will see the agency upgrade its existing GPS-Based Transit Signal Priority (TSP) system, which currently operates at 68 intersections within its service area—26 in Dublin, 8 in Pleasanton, and 33 in Livermore—to a new Cloud-Based TSP system. Additionally, the agency will extend the deployment of vehicle-side TSP equipment from the current subfleet of 20 buses to cover the entire fleet of 60 buses. This expansion aims to enhance the flexibility of vehicle assignments on TSP-equipped routes and maximize the advantages of reduced travel times, ease congestion, and improved on-time performance along the I-580 corridor.

#### **Details**

Type of Project: Other improvement

#### **Supplemental Attachments**

RM2 IPR

FY25 TFCA Funding Agreement Draft \$95K in FY25 TFCA for CON phase

# **Capital Cost**

Historical FY2026 Budget

Total Budget (all years)

Project Total (to date)

\$49.8K

\$2.78M

\$2.78M

\$2.83M

#### **Detailed Breakdown**

| Category                 | Historical | <b>FY2026</b><br><i>Requested</i> | Future     | Total       |
|--------------------------|------------|-----------------------------------|------------|-------------|
| Construction/Maintenance | \$0        | \$2,402,000                       | \$0        | \$2,402,000 |
| Design                   | \$49,832   | \$375,736                         | \$0        | \$425,568   |
| Total                    | \$49,832   | \$2,777,736                       | <b>\$0</b> | \$2,827,568 |

## **Funding Sources**

Historical

FY2026 Budget

Total Budget (all years)

Project Total (to date)

\$49.8K

\$2.78M

\$2.78M

\$2.83M

| Total       | Future      | <b>FY2026</b><br>Requested | Historical | Category     |
|-------------|-------------|----------------------------|------------|--------------|
| \$2,732,568 | \$0         | \$2,682,736                | \$49,832   | Bridge Tolls |
| \$95,000    | \$0         | \$95,000                   | \$0        | TFCA         |
| \$2,827,568 | <b>\$</b> 0 | \$2,777,736                | \$49,832   | Total        |

# Transmission / hybrid drive replacements

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

**Department** Capital Program

**Type** Capital Improvement

**Estimated Start** 

Date

07/1/2025

06/30/2026

Estimated

**Completion Date** 

# **Project Location**



### **Description**

As part of our contractual agreement with MV Transportation, the agency is responsible for paying for certain high-value items when they fail on the buses. The transmissions or, as is the case with hybrid vehicles, the hybrid drive, are in that category. Allison is the manufacturer of the hybrid drive in thirty of our 2011-17 fleet. Over the past three years, the agency has replaced 3 Allison hybrid drive units. Additionally, in 2025, the agency replaced a transaxle in a support vehicle. As the vehicles age, that number is expected to increase. The requested funds are in anticipation of two hybrid drive units and transmissions failing throughout fiscal year 2026.

#### **Details**

Type of Project: Refurbishment

#### **Capital Cost**

Historical FY2026 Budget

Total Budget (all years)

Project Total (to date)

| Category                   | Historical | FY2026    | Future     | Total    |
|----------------------------|------------|-----------|------------|----------|
| Category                   | Historical | Requested | ruture     | iotai    |
| Equipment/Vehicle/Furnishi | \$9,000    | \$90,000  | \$0        | \$99,000 |
| ngs                        |            |           |            |          |
| Total                      | \$9,000    | \$90,000  | <b>\$0</b> | \$99,000 |

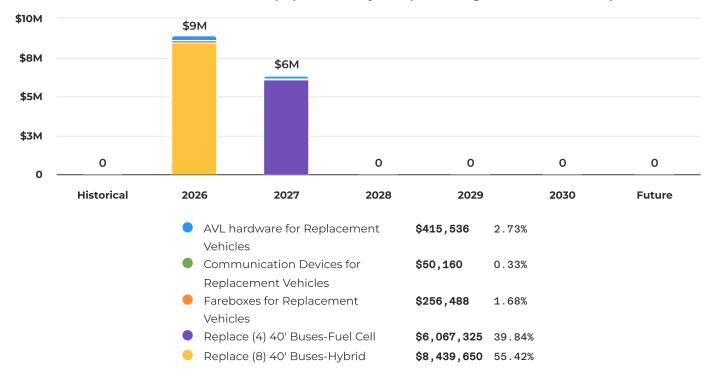
Historical FY2026 Budget Total Budget (all years) Project Total (to date)

\$99K \$90K \$90K \$9K

| Catagony | Historical | FY2026    | Future     | Total    |
|----------|------------|-----------|------------|----------|
| Category | HIStorical | Requested | Future     | TOtal    |
| TDA      | \$9,000    | \$90,000  | \$0        | \$99,000 |
| Total    | \$9,000    | \$90,000  | <b>\$0</b> | \$99,000 |

# Vehicles and Wheeled Equipment

FY26 - FY30 Vehicles and Wheeled Equipment Projects (including Historical, Future)



#### **Summary of Requests**

| Category                                       | Historical | FY2026      | FY2027      | FY2028 | FY2029 | FY2030 | Future | Total        |
|--|------------|-------------|-------------|--------|--------|--------|--------|--------------|
| AVL hardware for<br>Replacement Vehicles       | \$0        | \$277,024   | \$138,512   | \$0    | \$0    | \$0    | \$0    | \$415,536    |
| Communication Devices for Replacement Vehicles | \$0        | \$33,440    | \$16,720    | \$0    | \$0    | \$0    | \$0    | \$50,160     |
| Fareboxes for Replacement<br>Vehicles          | \$0        | \$170,992   | \$85,496    | \$0    | \$0    | \$0    | \$0    | \$256,488    |
| Replace (4) 40' Buses-Fuel<br>Cell             | \$0        | \$0         | \$6,067,325 | \$0    | \$0    | \$0    | \$0    | \$6,067,325  |
| Replace (8) 40' Buses-<br>Hybrid               | \$0        | \$8,439,650 | \$0         | \$0    | \$0    | \$0    | \$0    | \$8,439,650  |
| Total Summary of<br>Requests                   | \$0        | \$8,921,106 | \$6,308,053 | \$0    | \$0    | \$0    | \$0    | \$15,229,159 |

# AVL hardware for Replacement Vehicles

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Equipment

**Estimated Start** 

Date

07/1/2024

**Estimated** 

10/31/2027

**Completion Date** 

## **Description**

Purchase 12 Automatic Vehicle Locator (AVL) Hardware Systems for replacement buses.

#### **Details**

New Purchase or Replacement: New Useful Life: 12

New or Used Vehicle: New Vehicle type: 40' Bus Hydrogen, 40' Bus Hybrid

# **Supplemental Attachments**



TIP Listing

TIP Listing showing funding details

#### **Capital Cost**

Total Budget (all years) Project Total FY2026 Budget

\$416K \$416K \$277K

| Category     | Historical | <b>FY2026</b> Requested | <b>FY2027</b> Requested | Future | Total     |
|--------------|------------|-------------------------|-------------------------|--------|-----------|
| Vehicle Cost | \$0        | \$277,024               | \$138,512               | \$0    | \$415,536 |
| Total        | <b>\$0</b> | \$277,024               | \$138,512               | \$0    | \$415,536 |

FY2026 Budget Total Budget (all years) Project Total

\$416K \$277K \$416K

| Category | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b> Requested | Future | Total     |
|----------|------------|----------------------------|-------------------------|--------|-----------|
| FTA 5307 | \$0        | \$221,619                  | \$110,810               | \$0    | \$332,429 |
| TDA      | \$0        | \$55,405                   | \$27,702                | \$0    | \$83,107  |
| Total    | \$0        | \$277,024                  | \$138,512               | \$0    | \$415,536 |

# Communication Devices for Replacement **Vehicles**

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Equipment

**Estimated Start** 

Date

07/1/2024

**Estimated** 06/30/2026

**Completion Date** 

## Description

Purchase Radios and Cell-based Routers for 12 replacement buses

#### **Details**

New Purchase or Replacement: Replacement Useful Life: 12

New or Used Vehicle: New Vehicle type: 40' Bus Hydrogen, 40' Bus Hybrid

## **Supplemental Attachments**



TIP project listing

Funding reference

#### **Capital Cost**

FY2026 Budget Total Budget (all years) **Project Total** 

\$33.4K \$50.2K \$50.2K

| Category     | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b><br>Requested | Future | Total    |
|--------------|------------|----------------------------|----------------------------|--------|----------|
| Vehicle Cost | \$0        | \$33,440                   | \$16,720                   | \$0    | \$50,160 |
| Total        | \$0        | \$33,440                   | \$16,720                   | \$0    | \$50,160 |

\$33.4K

FY2026 Budget Total Budget (all years)

\$50.2K

Project Total

\$50.2K

| Category | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b><br>Requested | Future | Total    |
|----------|------------|----------------------------|----------------------------|--------|----------|
| FTA 5307 | \$0        | \$26,752                   | \$13,376                   | \$0    | \$40,128 |
| TDA      | \$0        | \$6,688                    | \$3,344                    | \$0    | \$10,032 |
| Total    | \$0        | \$33,440                   | \$16,720                   | \$0    | \$50,160 |

# Fareboxes for Replacement Vehicles

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Equipment

**Estimated Start** 

Date

07/1/2024

**Estimated** 

10/31/2027

**Completion Date** 

## **Description**

Purchase Fareboxes for 12 replacement vehicles

#### **Details**

New Purchase or Replacement: New Useful Life: 12

New or Used Vehicle: New Vehicle type: 40' Bus Hydrogen, 40' Bus Hybrid

#### **Supplemental Attachments**



TIP listing with funding detail

## **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$256K \$171K \$256K

| Category     | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b><br>Requested | Future | Total     |
|--------------|------------|----------------------------|----------------------------|--------|-----------|
| Vehicle Cost | \$0        | \$170,992                  | \$85,496                   | \$0    | \$256,488 |
| Total        | \$0        | \$170,992                  | \$85,496                   | \$0    | \$256,488 |

FY2026 Budget Total Budget (all years) Project Total

\$256K \$171K \$256K

| Category | Historical | <b>FY2026</b><br>Requested | <b>FY2027</b> Requested | Future | Total     |
|----------|------------|----------------------------|-------------------------|--------|-----------|
| FTA 5307 | \$0        | \$136,793                  | \$68,397                | \$0    | \$205,190 |
| TDA      | \$0        | \$34,199                   | \$17,099                | \$0    | \$51,298  |
| Total    | \$0        | \$170,992                  | \$85,496                | \$0    | \$256,488 |

# Replace (4) 40' Buses-Fuel Cell

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Equipment

**Estimated Start** 

Date

07/1/2024

**Estimated Completion Date** 

10/31/2027

## **Description**

Replace four 40' Hybrid buses with 4 40' Fuel Cell Buses

#### **Details**

New Purchase or Replacement: Replacement Useful Life: 12

New or Used Vehicle: New Vehicle type: 40' Bus Hydrogen

# **Supplemental Attachments**



TIP Listing for 4 FCEBs with Funds Detail

Funding detail reference

#### **Capital Cost**

Total Budget (all years) Project Total FY2026 Budget

\$6.07M \$0 \$6.07M

| Catagony     | Historical | FY2027      | Future | Total       |
|--------------|------------|-------------|--------|-------------|
| Category     | Historical | Requested   | ruture | iotai       |
| Vehicle Cost | \$0        | \$6,067,325 | \$0    | \$6,067,325 |
| Total        | <b>\$0</b> | \$6,067,325 | \$0    | \$6,067,325 |

\$0

FY2026 Budget Total Budget (all years)

\$6.07M

Project Total

\$6.07M

| Category | Historical | <b>FY2027</b><br>Requested | Future | Total       |
|----------|------------|----------------------------|--------|-------------|
| FTA 5307 | \$0        | \$3,533,794                | \$0    | \$3,533,794 |
| FTA 5339 | \$0        | \$1,319,966                | \$0    | \$1,319,966 |
| TDA      | \$0        | \$1,081,850                | \$0    | \$1,081,850 |
| SGR      | \$0        | \$131,715                  | \$0    | \$131,715   |
| Total    | <b>\$0</b> | \$6,067,325                | \$0    | \$6,067,325 |

# Replace (8) 40' Buses-Hybrid

#### **Overview**

**Request Owner** Dave Massa, Capital Projects

Manager

Department Capital Program

Type Capital Equipment

**Estimated Start** 

Date

07/1/2025

**Estimated Completion Date** 

10/31/2026

## **Description**

Purchase 8 40' Hybrid replacement vehicles.

#### **Details**

New Purchase or Replacement: Replacement Useful Life: 12

New or Used Vehicle: New Vehicle type: 40' Bus Hybrid

#### **Supplemental Attachments**



TIP Listing with Funding Detail

## **Capital Cost**

FY2026 Budget Total Budget (all years) Project Total

\$8.44M \$8.44M \$8.44M

| Category     | Historical | <b>FY2026</b><br>Requested | Future | Total       |
|--------------|------------|----------------------------|--------|-------------|
| Vehicle Cost | \$0        | \$8,439,650                | \$0    | \$8,439,650 |
| Total        | <b>\$0</b> | \$8,439,650                | \$0    | \$8,439,650 |

FY2026 Budget Total Budget (all years) Project Total

\$8.44M \$8.44M \$8.44M

| Category | Historical  | <b>FY2026</b><br>Requested | Future | Total       |
|----------|-------------|----------------------------|--------|-------------|
| FTA 5307 | \$0         | \$6,751,720                | \$0    | \$6,751,720 |
| TDA      | \$0         | \$1,687,930                | \$0    | \$1,687,930 |
| Total    | <b>\$</b> 0 | \$8,439,650                | \$0    | \$8,439,650 |