

STAFF REPORT

SUBJECT: Capital Projects Update  
FROM: David Massa, Capital Projects Manager  
DATE: October 7, 2024

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**Action Requested**

This is an informational update, and no action is requested at this time.

**Background**

LAVTA staff are working on a variety of capital projects and would like to provide a status update to the Board of Directors.

**Discussion**

Atlantis Hydrogen Fueling Station: At the July Board meeting, staff were authorized to execute Task Order #4 with CTE for project management and technical consulting services for the Atlantis Hydrogen Fueling Station Construction and Hydrogen Fuel Cell Bus Deployment project. Since then, on July 9, a kickoff meeting was held on August 15, followed by a project status meeting on September 12. In these meetings, staff were introduced to our project team, discussed future meeting logistics, and outlined the next steps for the project. The first step is a site visit, followed closely by surveys of the longest routes and those with the steepest grades to better calculate hydrogen requirements/demand. Staff are currently awaiting a project schedule from CTE, which is expected to be delivered within the next two weeks.

Rutan Facility Maintenance Bay Hydrogen Retrofit: This project will retrofit two bays at the Rutan facility maintenance shop for use with the hydrogen fuel cell electric buses. The upgrades include hydrogen detection and alarms, and enhanced ventilation. In June an IFB for the retrofit project was issued which closed on 9/6. Three bids were received; the Board will consider contract award at their October meeting.

Tri-Valley Passenger Facilities Enhancement Project: At the July Board meeting, staff were authorized to execute Task Order #2 with Kimley-Horn for project design and engineering services for the Tri-Valley Passenger Facilities Enhancement Project. Staff have affectionately named this project “The Three” because it involves passenger facing improvements for the East Dublin BART station, Las Positas College, and the LLNL transit stops. Upgrades to enhance the transit experience will include updated shelters/canopies, enhanced lighting, modern real-time wayfinding signs, benches, trash cans, and bicycle racks. Next steps include site surveying and 30% design.

Livermore Transit Center Improvements: The scope of the improvements at the Livermore Transit Center project are subdivided into three smaller projects.

- The first project includes fully repainting the passenger canopy at the Transit Center and Signature bus stop on Railroad Ave. The Invitation for Bids (IFB) for this project will be issued on September 23 and is expected to close on October 25. Assuming no complications, the Notice to Proceed (NTP) should be issued on November 1, 2024, with an anticipated project completion within 60 days. Pictures of the canopy and Signature Stop are below.



- The second project improves the lighting in Railroad Court between the Livermore Transit Center and the Signature stop. This pedestrian path is used by passengers transferring from any route that terminates at the Transit Center to route 30R bus stops which are located on Railroad Ave. Currently, the entire area is lit by a single streetlight, making it extremely dark at night. LAVTA staff are collaborating with city staff and their contractors to develop an acceptable lighting plan for the area. Once the plan is finalized, the agency will initiate an IFB for construction and establishing an MOU with the city for project management, leveraging their expertise in handling large municipal projects.

- The third project includes upgrades to two monument signs at the Transit Center. Task order #4 was issued to Kimley-Horn on September 4 for professional services related to the design and engineering of the removal of existing signs, design, production and installation of the new signs. On September 16, the kickoff meeting was held, where staff were introduced to the project team, the project vision was discussed, and initial tasks were established. The team will review our as-built plans, consult with the city, and develop preliminary designs.



Cloud Based TSP Upgrade: At the September Board Meeting, staff were authorized to execute Task Order #3 with Kimley-Horn for design, engineering, project management, and coordination services for the Cloud-Based Transit Signal Priority (TSP) Project. This project aims to implement modern, cloud-based TSP for LAVTA and expand the necessary hardware implementation to the entire LAVTA bus fleet in anticipation of future needs. Staff have scheduled a kickoff meeting for the last week in September.

**Fiscal Impact**

There is no fiscal impact associated with this item.

**Recommendation**

None – Information Only