



LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY

## **NEWS RELEASE**

## **FOR IMMEDIATE RELEASE**

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# **DUBLIN HIGH SCHOOL STUDENT DEVELOPS BUS TRACKING APP**

**LIVERMORE, CA, April 6, 2018** – Dublin High School (DHS) sophomore Liam O’Flynn has made it easier for Tri-Valley residents to track the progress of Wheels and Rapid buses on their smartphones. Liam wrote and published the “Tri-Valley Buses” app shortly after he began attending DHS and had missed the bus a couple of times.

The Livermore Amador Valley Transit Authority (LAVTA) already had a bus tracking application on its website, but it was not easily used on mobile devices. Liam was able to use LAVTA’s General Transit Feed Specification (GTFS) Realtime data to develop his app. The same GTFS data from LAVTA and other US transit systems is used by Google maps for the transit service option on its mapping program.

The Tri-Valley Buses app is available for free download on iOS or Android devices. The app is designed to use very little data, battery or memory on mobile devices and does not track the user’s activities in any way or contain any kind of advertising. The user selects which Wheels or Rapid route they want to track and a map displays every bus stop along the route along with the precise location of every bus on the route. When the bus icon is tapped, the app shows vehicle number, direction of travel and on-time status. (See screenshot on following page)

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### SELECT A ROUTE:

30R: Dublin - Livermore via College

A map interface showing a bus route. A green line represents the route along Central Pkwy. Blue bus icons are placed at various stops along the route, including one at Martinelli Way. Red location pins are also visible on the map. The map includes street names such as Central Pkwy, Martinelli Way, Owens Dr, Stoneridge Dr, and others. A zoom control is visible in the top left corner of the map area.

**ROUTE 30R: DUBLIN - LIVERMORE VIA COLLEGE**

NEXT STOP: WEST DUBLIN BART  
VEHICLE NUMBER: 0903  
ON TIME: 0 MINUTES LATE  
DIRECTION: WESTBOUND

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### **About the Livermore Amador Valley Transit Authority**

The Livermore Amador Valley Transit Authority (LAVTA) was created in 1985 by the cities of Dublin, Livermore and Pleasanton and Alameda County to serve area transit needs. LAVTA serves nearly 2 million passengers a year on our Wheels bus and paratransit services.

LAVTA supports environmental sustainability by reducing vehicle trips and traffic congestion on local streets and improving air quality in the Tri-Valley region. In addition to passenger fares, the agency is supported financially by federal, state and local agencies, including the Alameda County Transportation Commission's Measure B and BB.

Follow LAVTA on Facebook at [facebook.com/wheelsbus](https://facebook.com/wheelsbus) and on Twitter [@wheelsbus](https://twitter.com/wheelsbus) or visit our website [wheelsbus.com](https://wheelsbus.com) for more information on Wheels bus and paratransit services as well as our Go Dublin! promotion with Uber, Lyft and Desoto Cab and our redesigned bus services offering convenient access to BART stations in the Tri-Valley. Coming soon look for information about our exciting plans for a shared autonomous vehicle demonstration project.

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