

County of Santa Clara
Roads and Airports Department



24-4349

DATE: February 27, 2024 (Item No. {{item.number}})

TO: Board of Supervisors

FROM: Harry Freitas, Director, Roads and Airports Department

SUBJECT: Funding Agreement with VTA for ITS Improvements on Lawrence Expressway

RECOMMENDED ACTION

Consider recommendations relating to a Funding Agreement with the Valley Transportation Authority (VTA) for Intelligent Transportation Systems (ITS) Improvements on Lawrence Expressway.

Possible action:

- a. Approve Agreement with VTA relating to Cycle 4 Vehicle Registration Fee ITS Funding Program relating to ITS Improvements on Lawrence Expressway in an amount not to exceed \$500,000 for period February 27, 2024 through December 31, 2025, that has been reviewed and approved by County Counsel as to form and legality.
- b. Approve Request for Appropriation Modification No. 133 - \$500,000 increasing estimated revenue and expenditure appropriations in the Roads and Airports Department budget, relating to the Lawrence Expressway Pavement Rehabilitation Project. (4/5 Vote)

FISCAL IMPLICATIONS

There is no fiscal impact to the General Fund. The Appropriation Modification (F-85), in the amount of \$500,000, will budget costs related to the funding agreement. Funds will be added to the Fiscal Year (FY) 2023-2024 Road Fund budget in account 603-RD62911-0020, Signal Sync and Intelligent Transportation Systems.

CONTRACT HISTORY

None.

REASONS FOR RECOMMENDATION

The proposed funding agreement with VTA will allow for the installation of pedestrian detection sensors and replacing existing inoperative traffic cameras at three intersections on Lawrence Expressway (Homestead Road, Lehigh Avenue, and Moorpark Avenue). The pedestrian sensors detect pedestrians and dynamically adjusts time provided for pedestrians based on their walking speed. This feature has been installed at various expressway

intersections in the past and the Department continues to invest in adding these sensors at remaining intersections. The attached map shows the location of the new pedestrian sensors. On November 2, 2023, the VTA Board approved VRF ITS funds for the installation of pedestrian detection sensors and replacing existing traffic video cameras at three intersections on Lawrence Expressway.

CHILD IMPACT

The recommended action will have a positive impact on children and youth. Delivery of the project under this funding agreement will benefit children by providing improved safety features for walking/crossing signalized intersections.

SENIOR IMPACT

The recommended action will have a positive impact on seniors. Delivery of the project under this funding agreement will benefit seniors through providing improved pedestrian crossing at signalized intersections.

SUSTAINABILITY IMPLICATIONS

The recommended action will have positive sustainability implications. Delivery of the project will benefit the overall County's sustainability goals through the implementation of best practices in the pedestrian crossing at signalized intersections.

CONSEQUENCES OF NEGATIVE ACTION

The funding agreement with VTA will not be executed and the proposed pedestrian sensors and camera replacements will not move forward.

STEPS FOLLOWING APPROVAL

Send notifications of OneMeeting processing to:

Pam Rebillot, Ananth Prasad, Roberto Salinas, Thien Pham, and Aldwin Valbuena, Roads Department.

ATTACHMENTS:

- Funding Agreement with VTA – Measure B Vehicle Registration Fee Countywide Program
- Map of pedestrian sensors – Funding agreement with VTA
- F-85 Number 133 – Funding agreement with VTA