



Legislation Details (With Text)

File #: 18-166 **Version:** 1 **Name:** PSA for E14/144 HAWK Signal (SR)
Type: Staff Report **Status:** Filed
In control: City Council
On agenda: 5/7/2018 **Final action:** 5/7/2018
Enactment date: **Enactment #:**

Title: Staff Report for a Resolution to Authorize the City Manager to Execute Program Supplement Agreement No. 026-F with the State of California to Provide \$32,850 in Grant Funds for the Design Phase of the East 14th Street (State Route 185) at 144th Avenue High-intensity Activated Crosswalk (HAWK) Signal Project

Sponsors: Keith Cooke

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
5/7/2018	1	City Council	Received and Filed	Pass

Staff Report for a Resolution to Authorize the City Manager to Execute Program Supplement Agreement No. 026-F with the State of California to Provide \$32,850 in Grant Funds for the Design Phase of the East 14th Street (State Route 185) at 144th Avenue High-intensity Activated Crosswalk (HAWK) Signal Project

SUMMARY AND RECOMMENDATIONS

Staff recommends approval of a Resolution authorizing the City Manager to execute the Program Supplement Agreement that accepts federal funding of \$32,850 and obligates the City to provide matching funds of \$3,650 in order to complete the design phase of the East 14th Street at 144th Avenue High-intensity Activated Crosswalk (HAWK) Signal Project.

BACKGROUND

The Fixing America’s Surface Transportation Act (FAST), which was signed into law on December 4, 2015, established the Highway Safety Improvement Program (HSIP) as a core Federal-aid program. The overall purpose of this Program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements.

The City was awarded \$184,230 in the 2016-17 HSIP cycle to install a High-intensity Activated Crosswalk (HAWK) signal at the East 14th Street at 144th Avenue intersection. HAWK signals are considered a Pedestrian Hybrid Beacon as defined in Chapter 4F of the California Manual on Uniform Traffic Control Devices, a nationally-adopted standard. This will be San Leandro’s second HAWK installation once the installation at Davis Street and Carpentier Street is constructed in late 2018.

The East 14th Street at 144th Avenue intersection ranked high on the City's High Collision Intersections list, which is regularly monitored and updated by City staff. Thirteen collisions were reported between January 1, 2011 and December 31, 2015. Four bicycle or pedestrian related collisions were recorded in this five-year period.

The non-signalized intersection of East 14th Street at 144th Avenue is about 430 feet south of a signalized intersection at East 14th Street and 143rd Avenue. Given the multi-unit housing along the east side of East 14th Street and a cluster of retail shops along the west side of East 14th Street, pedestrians often cross at the non-signalized intersection rather than at the nearby signal. As such, both the California Department of Transportation (Caltrans) District 4 Office of Transportation Planning and Local Assistance and the City identified the intersection of East 14th Street at 144th Avenue as a top safety priority.

Analysis

Caltrans, through the HSIP, approved \$184,230 in federal funding for the design and construction of the East 14th Street at 144th Avenue HAWK Signal Project. Adding the City's required local match in the amount of \$20,470 brings the total project budget to \$204,700. The City will design and install the new HAWK signal, while Caltrans will assume operation and maintenance as part of State Route 185 once the project is complete.

Pursuant to City Council's authorization of the City Manager to execute the Program Supplement Agreement No. 026-F, staff will proceed with the design phase of the project. This design phase is estimated to cost \$36,500. The HSIP grant will fund \$32,850, while the City's required local match for this phase is \$3,650. After completion of the design phase, the City must execute a second Program Supplement Agreement for the construction phase of the work.

Current Agency Policies

- Support and implement programs, activities and strengthen communication that enhances the quality of life and wellness, celebrates the arts and diversity and promotes civic pride
- Maintain and enhance San Leandro's infrastructure

Previous Actions

- On June 19, 2017, by Resolution No. 2017-085, the City Council approved the Administering Agency-State Agreement No. 04-5041F15.

Committee Review and Actions

- This project was presented to the Facilities and Transportation Committee on October 4, 2017.

Applicable General Plan Policies

- Policy T-2.1: Complete Streets Serving All Users and Modes. Create and maintain "complete" streets that provide safe, comfortable, and convenient travel through a comprehensive, integrated transportation network that serves all users.

- Policy T-3.6: Pedestrian Environment. Improve the walkability of all streets in San Leandro through the planning, implementing, and maintaining of pedestrian supportive infrastructure.
- Policy T-7.2: Capital Improvements. Identify capital improvements and other measures which improves the safety of bicyclists, pedestrians, and motor vehicles on San Leandro Streets.
- Policy T-7.7: Funding. Pursue grants for the improvement of pedestrian, bicycle, and motor vehicle safety, including a greater focus on traffic law and speed enforcement.

Environmental Review

Caltrans performs environmental review on behalf of local agencies for federal-aid projects. Caltrans has completed the following reviews:

- On July 12, 2017, the Preliminary Environmental Study (PES) form was signed by Cultural Resources Professionally Qualified Staff, the District Local Assistance Engineer (DLAE), and the Environmental Planner Designee.
- On August 24, 2017, The Air Quality Conformity Task Force reviewed and concurred that the project is exempt from PM2.5 project level conformity requirements.

Fiscal Impacts

The total project cost for this HAWK signal is \$204,700. Federal funds amount to \$184,230 and the City must provide matching funds from its Measure B Bicycle and Pedestrian Funds in the amount of \$20,470.

Budget Authority

The East 14th Street at 144th Avenue High-intensity Activated Crosswalk (HAWK) Signal project is funded in 2017-18 as follows:

<u>Account No.</u>	<u>Resolution. Appropriation Date</u>	<u>Amount</u>
150-36-397	Res. 2017-072, June 5, 2017	\$184,230
144-38-397	Res. 2017-072, June 5, 2017	<u>\$ 20,470</u>
	Total	\$204,700

ATTACHMENT(S)

Attachment(s) to Related Legislative Files

- Attached to Resolution:

- Program Supplement Agreement No. 026-F

PREPARED BY: Dean Hsiao, Traffic Operations Engineer, Engineering and Transportation Department