

City of Sacramento

Legislation Details (With Text)

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Title:	Plans and Specifications, Budgetary Adjustment, and Contract Award: Highway Safety Improvement Program (HSIP) Signal Head Replacement Project (T15165800) [Published for 10-Day Review 06/13/2019]				
Sponsors:					
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Date	Ver.	Action By	Action	Result
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Title:

Plans and Specifications, Budgetary Adjustment, and Contract Award: Highway Safety Improvement Program (HSIP) Signal Head Replacement Project (T15165800) [Published for 10-Day Review 06/13/2019]

File ID: 2019-00726

Location: District 4

Recommendation:

Adopt a Resolution: 1) approving the Plans and Specifications for the Highway Safety Improvement Program (HSIP) Signal Head Replacement Project (T15165800); 2) authorizing the City Manager or the City Manager's designee to increase the revenue and expense budgets in the HSIP Signal Head Replacement Project (T15165800) by \$2,627,600 (Federal Capital Grants, Fund 3703) in HSIP funding; 3) awarding the construction contract for the HSIP Signal Head Replacement Project (T15165800) to St. Francis Electric in an amount not to exceed \$2,304,484; and 4) authorizing the City Manager or the City Manager's designee to execute the construction contract for the HSIP Signal Head Replacement Project (T15165800).

Contact: Adam Randolph, Senior Engineer (916) 808-7803; Judy Matsui-Drury, Supervising Engineer (916) 808-7610; Nader Kamal, Interim Engineering Services Manager, (916) 808-5065, Department of Public Works

Presenter: None

Attachments:

- 1-Description/Analysis
- 2-Resolution
- 3-Plans and Specifications
- 4-Construction Contract

Description/Analysis

Issue Detail: City staff applied for a Federal Highway Safety Improvement Program (HSIP) Cycle 7 grant to implement safety improvements within the City. The HSIP Signal Head Replacement Project (T15165800) will replace existing 8" traffic signal displays with 12" displays and replace existing pedestrian signal displays with count down pedestrian signal displays at approximately 191 signalized intersections in downtown/midtown. The 12" displays improve signal visibility to drivers improving safety and compliance. The count-down pedestrian signal displays improve crosswalk compliance, reduce pedestrian/vehicle conflicts, and improve intersection efficiency. In addition, the project will install emergency vehicle preemption (EVP) systems in the 29th Street and 30th Street corridors within the downtown area.

Final design plans, specifications, and estimate (PS&E) for the HSIP Signal Head Replacement Project were completed. The project is funded with HSIP funds in addition to local transportation funds. The project was previously authorized \$515,500 in federal HSIP funding for preliminary engineering. The City received California Department of Transportation (Caltrans) authorization to appropriate \$2,627,600 of construction funding on March 27, 2019.

Policy Considerations: The recommendations in this report are in accordance with City Code Chapter 3.60, City Code Chapter 4.04, and the Sacramento City Council Rules of Procedure, Chapter 7, Section E.2.d, which require additional posting time for contracts greater than \$1 million. This contract was published for 10-day review on June 13, 2019 as required.

Economic Impacts: This project is expected to create 9.22 total jobs (5.3 direct jobs and 3.92 jobs through indirect and induced activities) and create \$1,422,869 in total economic output (\$896,845 of direct output and another \$526,024 of output through indirect and induced activities).

The indicated economic impacts are estimates calculated using a tool developed by the Center for Strategic Economic Research (CSER). CSER utilized the IMPLAN input-output model (2009 coefficients) to quantify the economic impacts of a hypothetical \$1 million of spending in various construction categories within the City of Sacramento in an average one-year period. Actual impacts could differ significantly from the estimates and neither the City of Sacramento nor CSER shall be held responsible for consequences resulting from such differences.

Environmental Considerations:

California Environmental Quality Act (CEQA): The City of Sacramento, Environmental Planning Services has reviewed the proposed project and determined that it is exempt from the provisions of CEQA. Pursuant to CEQA Guidelines, projects that consist of the operation, repair and minor alteration of existing public facilities, mechanical equipment, and topographical features including existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (15301(c)); and projects that consist of the replacement and reconstruction of existing structures and facilities (signal heads) where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced, are exempt from the provisions of CEQA.

In accordance with CEQA, the City performed a staff review of the CEQA compliance and approved the project with a notice of exemption in May 2017. Caltrans is the delegated lead agency for the environmental review per the National Environmentally Policy Act (NEPA). Caltrans staff reviewed the project and determined that this project as a traffic operations improvement has no significant impacts on the environment as defined by NEPA, and that there are no unusual circumstances as described in 23 CFR 771.117(b). Caltrans issued the determination in May of 2017.

Sustainability: The project is consistent with the City's Master Plan goals to improve pedestrian safety at appropriate intersections by providing safe pedestrian crossings and key policies to improving traffic flow and associated fuel economy of vehicles traveling on City streets by ensuring that signal timing considers safe and efficient travel for all modes.

Commission/Committee Action: None

Rationale for Recommendation: The HSIP Signal Head Replacement Project (T15165800) will replace existing 8" traffic signal displays with 12" displays and replace existing pedestrian signal displays with countdown pedestrian signal displays at approximately 191 signalized intersections in downtown/midtown.

The project was advertised for construction and a total of two bids were received on May 1, 2019. The results of the bids are summarized below:

Contractor	Bid	DBE (10% Min)
St. Francis Electric	\$2,304,483.50	11.3%
M&M Electric	\$2,583,224.00	100%

The engineer's Estimate was \$2,200,000.

All bidders met all required bid conditions. Staff recommends that the construction contract be awarded to the lowest responsive and responsible bidder, St. Francis Electric.

Construction is anticipated to begin June 2019 and be completed February 2020.

Financial Considerations: The estimated total cost to complete design, right-of-way, and construction activities for the HSIP Signal Head Replacement Project (T15165800) is \$3,438,951. Upon receiving \$2,627,600 (Federal Capital Grants, Fund 3703) in federal HSIP funds the total budget for the HSIP Signal Head Replacement (T15165800) will be \$3,438,951. Upon approval of the appropriation there will be sufficient funding to award the construction contract to St. Francis Electric for an amount not to exceed \$2,304,484. There are no General Funds planned or allocated for this project.

Local Business Enterprise (LBE): The contract with St. Francis Electric is a federally funded contract and as a result Disadvantaged Business Enterprise (DBE) project participation requirements apply. LBE rules are held in abeyance. The contract award will comply with all federal DBE participation requirements. St. Francis Electric has pledged 11.3% DBE project participation, meeting the 10.0% DBE goal set for this contract.