



Legislation Details (With Text)

**File #:** 23-221  
**Type:** Consent Calendar                      **Status:** Agenda Ready  
**File created:** 3/1/2023                      **In control:** CIAB/Public Works Commission  
**On agenda:** 3/15/2023                      **Final action:**  
**Title:** Fire Signal Installation at the Heil Avenue Fire Station (5891 Heil Avenue) (CC-1673).  
**Attachments:** 1. Att1 - Location Map FIRE SIGNAL HEIL, 2. Att2 - Plans Heil Ave FS, 3. Att3 - Heil FS Estimate, 4. Att4 - PP Heil FS Signal CC1673 PWC 03 15 23

Date	Ver.	Action By	Action	Result
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**PUBLIC WORKS COMMISSION  
REQUEST FOR ACTION**

**SUBMITTED TO:** Chairman and Members of the Commission  
**SUBMITTED BY:** Sean Crumby, PE, Director of Public Works  
**PREPARED BY:** Bob Stachelski, Transportation Manager

**Subject:**  
**Fire Signal Installation at the Heil Avenue Fire Station (5891 Heil Avenue) (CC-1673).**

**Statement of Issue:**  
Plans and specifications for the installation of a traffic control signal at the Heil Avenue Fire Station driveway are in final preparation with advertising anticipated in April 2023. Staff is seeking support to begin the public bidding process.

**Funding Source:**  
The engineer’s cost estimate for this project is \$380,000, including construction contingency and contract administration. Funds for the project in the amount of \$290,000 are budgeted in the Traffic Impact Fee Account No. 20690020.82700. The exact funding shortfall will be known with the opening of the sealed bids. Any additional funding required will be requested with the City Council construction award action.

**Recommended Action:**  
Motion to approve the project for the fire station signal installation at the Heil Avenue Fire Station (CC-1673) and find that the project is in general conformance with the approved Fiscal Year 2022/2023 Capital Improvement Program.

**Alternative Action(s):**

Recommend changes to the project.

**Analysis:**

The Heil Avenue Fire Station driveway (5891 Heil Avenue) was identified in the Fiscal Year 2022/2023 Capital Improvement Program (CIP) for signalization in order to improve the ingress to and egress from the fire station for fire department vehicles. The signal will be a hybrid beacon, which will have two red indications and one yellow indication facing traffic on Heil Avenue. When activated from within the fire station, the signal will start flashing yellow on Heil Avenue as a warning to motorists followed by a steady yellow indication and finally a steady red indication. It is during the steady red that the fire vehicles can egress the fire station and enter Heil Avenue. Outside of activations by fire personnel, the signal will be dark. This signal will operate in conformance with the California Manual on Uniform Traffic Control Devices. This project will also include modifications to the driveway approach to comply with current accessibility requirements.

The anticipated difference between the approved 2022/23 CIP budget and the current construction cost estimate is primarily due to increases in the overall costs of materials and construction services over the past year. The original budget for the project was prepared in early 2022 and we have experienced significant increases in material costs and construction labor since that time. The project is still considered a high priority project by the Fire Department for this station.

**Attachment(s):**

1. Project Location Map
2. Plans
3. Estimate
4. PowerPoint presentation.