

# Capitola City Council

## Agenda Report



**Meeting:** April 13, 2023

**From:** Department of Public Works

**Subject:** Completion of the 41st Avenue Traffic Signal Coordination Project

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**Recommended Action:** 1) Accept as complete the 41<sup>st</sup> Avenue Traffic Signal Coordination Project as constructed by Bear Electrical Solutions at the final cost of \$747,012; 2) authorize the City Clerk to file and record a Notice of Completion; and 3) authorize the release of the contract retention of \$39,316 as prescribed in the contract.

**Background:** Capitola Public Works staff has been working with the Monterey Bay Air Resources District (MBARD), the California Department of Transportation (Caltrans), and the County of Santa Cruz since 2010 to install an adaptive signal control system along 41st Avenue. The objective of the project was to substantially reduce emissions, decrease average travel time, and improve operating levels and traffic flow along the corridor. MBARD awarded the City grants in 2019 and 2020 for the installation of signal coordination equipment for City-controlled traffic and Caltrans-operated intersections on 41<sup>st</sup> Avenue at Jade Street/Brommer Street, Capitola Road, the Mall entrance, Clares Street, Gross Road, southbound Highway 1 ramp, and the northbound Highway 1 ramp.

On August 26, 2021, the City awarded a construction contract to Bear Electrical Solutions to install an adaptive signal control system for the City-owned traffic signals along 41st Avenue. The original project scope did not include coordination with the Caltrans signals at Highway 1 due to difficulty in receiving the required approvals from Caltrans. Soon after award of the contract, Caltrans approved the installation of the adaptive system and the City was able to modify the scope of work to include the Caltrans intersections.

**Discussion:** Construction of the project began in September 2021 and was completed in February 2023.

**Fiscal Impact:** The total project funding was \$885,000, and total project costs were \$860,000. The remaining funds will be used for Caltrans coordination and future maintenance.

The project budget is as follows:

<b>Funding:</b>	Total MABRD Grants	\$ 760,000
	General fund	\$ 100,000
	<u>Gas Tax fund</u>	<u>\$ 25,000</u>
	Total	\$ 885,000

<b>Costs:</b>	Construction	\$ 777,012
	<u>Engineering and reporting</u>	<u>\$ 83,000</u>
	Total	\$ 860,000

**Attachments:**

1. Notice of Completion
2. Project Cost Summary

Report Prepared By: Kailash Mozumder, Public Works Project Manager

Reviewed By: Jessica Kahn, Public Works Director; Julia Moss, City Clerk; Samantha Zutler, City Attorney

Approved By: Jamie Goldstein, City Manager