BOARD MEETING DATE: June 5, 2026 AGENDA NO. 7

PROPOSAL: Execute Contracts to Deploy Supporting Infrastructure for Zero-Emission Trucks

SYNOPSIS: In December 2023, the Board recognized an award of $76,250,003 from the California State Transportation Agency (CalSTA) under the 2022 Port and Freight Infrastructure Program (PFIP), of which $35,372,904 was to demonstrate a short-line hydrogen fuel cell locomotive with Wabtec Corporation, and $40,877,099 was to deploy direct current fast chargers and hydrogen refueling dispensers for heavy-duty trucks with Prologis Mobility, LLC. Recently, Prologis Mobility, LLC. withdrew their projects awarded under this grant and staff has worked with CalSTA to move these funds to other freight infrastructure projects that South Coast AQMD has received under several program announcements. This action is to execute contracts with Greenlane Infrastructure LLC., Pilot Travel Centers LLC., Zeem Solutions Long Beach Depot LLC., KRD Logistics, Inc., and Tesla, Inc. to install charging and hydrogen fueling infrastructure, for a total of up to $38,930,570, from the CalSTA Special Revenue Fund (89), upon CalSTA's final approval.

COMMITTEE: Technology, May 15, 2026; Recommended for Approval

RECOMMENDED ACTIONS:
Authorize the Chair to execute five contracts from the California State Transportation Agency (CalSTA) Special Revenue Fund (89) with:

1. Greenlane Infrastructure LLC., for up to $17,455,500 to deploy charging infrastructure;
2. Pilot Travel Centers LLC., for up to $7,000,000 to deploy hydrogen fueling infrastructure;
3. Zeem Solutions Long Beach Depot LLC., for up to $7,475,000 to deploy charging infrastructure;
4. KRD Logistics, Inc., for up to $4,000,000 to deploy charging infrastructure; and
5. Tesla, Inc., for up to $3,000,000 to deploy charging infrastructure.

Wayne Nastri
Executive Officer

AK:MW:TL

Background

To achieve National Ambient Air Quality Standards for ozone, the 2022 AQMP included measures that focused on the deployment of zero-emission (ZE) infrastructure to enable the widespread adoption of ZE vehicles and equipment. In December 2023, the Board recognized an award of $76,250,003, which included project and administrative funds, from the California State Transportation Agency (CalSTA) under the 2022 Port and Freight Infrastructure Program (PFIP) and approved execution of contracts with Wabtec Corporation and Prologis Mobility, LLC to deploy a fuel cell locomotive and install chargers and hydrogen fueling dispensers at seven locations. Neither contract was executed as both Wabtec Corporation and Prologis Mobility, LLC withdrew.

In May 2026, the Board approved the replacement of the Wabtec Corporation fuel cell locomotive demonstration project with the deployment of four ship assist tugboats from Arc Boat Company. Recently, Prologis Mobility LLC also withdrew their CalSTA/PFIP project after determining that they would not meet CalSTA/PFIP deadlines. Subsequently, proposals were received under the INVEST CLEAN and Carl Moyer solicitations, which were evaluated and found to meet PFIP funding criteria, and are expected to be completed by the end of 2027.

Proposal

Staff proposes to execute contracts with the following five entities to construct and deploy ZE charging and fueling infrastructure using the PFIP grant. The project details are described below:

<u>Greenlane Infrastructure, LLC (Greenlane)</u>

Greenlane is an industry leader in providing publicly accessible electric-vehicle charging centers exclusively for medium- and heavy-duty ZE vehicles. Greenlane's electric infrastructure projects are part of a megawatt corridor charging network for Class 4-8 trucks that seek to close the gap in truck charging infrastructure in Southern California. Three public charging locations at the Port of Long Beach, Colton, and Blythe were selected to support drayage and long-haul goods movement trucks at major trade corridors. These charging stations will be equipped with a combination of 1.2 megawatt and 560kW chargers. The Blythe station will serve as a critical connecting hub on the Interstate 10 corridor, linking Southern California with the logistic hub in Phoenix, Arizona.

Location	Project Detail	CalSTA Award	Other Cost Share	Total Project Cost
Blythe	5 Chargers (400-1,200kW)	$6,060,000	43%	$10,637,000
Port of Long Beach	6 Chargers (400-1,200kW)	$2,000,000	59%	$4,844,000
Colton	2 Chargers (840-1200kW), 4MWH battery storage, 830kWDC Solar	$9,396,500	22%	$12,091,000

Pilot Travel Centers LLC (Pilot)
Pilot is a leading fuel provider with more than 60 years of experience in the design, construction, and operation of large-scale medium-heavy duty fueling facilities and is committed to providing ZE infrastructure to encourage advancements in clean transportation. Pilot will construct a publicly accessible hydrogen fueling station in Rialto, California for medium- and heavy-duty trucks. The hydrogen station will have two hydrogen dispensers, which will be on the same parcel of land as a newly built Pilot truck stop facility.

Location	Project Detail	CalSTA Award	Other Cost Share	Total Project Cost
Rialto	2 Hydrogen Dispensers	$7,000,000	40%[1]	$11,703,000

[1] Cost Share includes $3,000,000 from MSRC to co-fund with CalSTA.

Zeem Solutions Long Beach Depot LLC (Zeem)
Zeem is a company focused on advancing electrification in commercial transportation, particularly for medium- and heavy-duty fleet operators. Zeem will deploy an additional twelve chargers to its existing Port of Long Beach charging site to expand capacity, enhance operational efficiency, and support the growing demand for ZE fleet operations. Zeem's charging site is a shared private charging site that will be publicly accessible to fleet operators that enter into a service agreement with Zeem.

Location	Project Detail	CalSTA Award	Other Cost Share	Total Project Cost
Port of Long Beach	12 Chargers (600-1,200kW)	$7,475,000	33%	$11,144,000

KRD Logistics, Inc. (KRD Logistics)
KRD Logistics is a transportation and logistics provider that supports the movement of goods through a range of freight and distribution services. KRD Logistics will deploy two shared-private electric vehicle charging sites in Long Beach. These locations will be publicly accessible to fleet operators that enter into a service agreement with KRD Logistics.

Location	Project Detail	CalSTA Award	Other Cost Share	Total Project Cost
32nd St, Long Beach	4 Chargers (400-1,200 kW)	$1,000,000	64%	$2,763,000
Cota Ave, Long Beach	9 Chargers (400-1,200 kW)	$3,000,000	46%	$5,584,000

Tesla, Inc.
Tesla's Superchargers are strategically located along major highways and in urban centers, offering high-speed direct current (DC) charging that significantly reduces recharge times. Tesla, Inc. will deploy two publicly accessible electric vehicle charging sites in Gardena and Bloomington to support medium- and heavy-duty truck charging.

Location	Project Detail	CalSTA Award	Other Cost Share	Total Project Cost
Gardena	12 chargers (600kW)	$1,000,000	9%	$1,102,000
Bloomington	18 Chargers (600 kW)	$2,000,000	8%	$2,166,000

Benefits to South Coast AQMD
The South Coast Air Basin is classified as an extreme nonattainment area for ozone under the federal Clean Air Act. The ZE infrastructure will encourage ZE fleet turnover and will add publicly accessible charging and hydrogen fueling at key trade corridors for existing and future ZE fleets. Successful deployment of heavy duty ZE trucks will significantly reduce NOx, ozone, and PM2.5 pollution. The eight charging stations and one hydrogen station will reduce 66 tons of NOx emissions, 0.56 tons of PM emissions, and 17,595 tons of carbon dioxide emissions, annually.

Resource Impacts
The contracts with Greenlane, Pilot, Zeem, KRD Logistics, and Tesla will not exceed $38,930,570 from the CalSTA Special Revenue Fund (89). A summary of the CalSTA allocations is provided in the table below.

Partner	CalSTA Amount
Greenlane	$17,455,000
Pilot	$7,000,000
Zeem	$7,457,000
KRD Logistics	$4,000,000
Tesla	$3,000,000
Total	$38,930,500