

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: June 27-28, 2024

From: TANISHA TAYLOR, Executive Director

Reference Number: 4.26, Action

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Subject: 2022 Trade Corridor Enhancement Program Amendment, Resolution G-24-54,
Amending Resolution G-23-71

Recommendation:

Staff recommends the California Transportation Commission (Commission) approve an amendment to the 2022 Trade Corridor Enhancement Program, as reflected in the updated Program of Projects (Attachment B) and described in the “Issue” section below. If approved, the projects will be programmed as follows:

- **Otay Mesa East Port of Entry**
 - Otay Mesa East Land Port of Entry - Early Work Package component programmed with \$75,000,000.
 - East Otay Mesa Land Port of Entry – Construction component programmed with \$52,657,000.
 - Commercial Vehicle Enforcement Facility Design and Construction – Segment 2C component programmed with \$64,000,000.
- **Southern California Hydrogen Fueling Stations**
 - Southern California Hydrogen Fueling Stations – Phase 1 component programmed with \$6,575,000.
 - Southern California Hydrogen Fueling Stations – Phase 3 component programmed with \$18,450,000.
- **EV Oasis South**
 - EV Oasis South A component programmed with \$14,047,000.
 - EV Oasis South B component programmed with \$14,048,000.

Issue:

Commission staff recommend approving the changes described below for three projects in the 2022 Trade Corridor Enhancement Program:

Otay Mesa East Port of Entry

The Otay Mesa East Port of Entry Project, which was jointly nominated by the California Department of Transportation (Caltrans) and the San Diego Association of Governments, was originally programmed with two components:

1. East Otay Mesa Land Port of Entry – Segment 3 component programmed with \$85,800,000 in Trade Corridor Enhancement Program funds; and
2. Commercial Vehicle Enforcement Facility Design and Construction – Segment 2C component programmed with \$54,200,000 in Trade Corridor Enhancement Program funds.

This program amendment would create a third component, the Otay Mesa Trade Corridor Enhancement Program East Land Port of Entry - Early Work Package component. This new component will be programmed with \$75,000,000 in existing Trade Corridor Enhancement Program funds from the originally programmed Otay Mesa East Land Port of Entry – Segment 3 component. The program amendment renames the Otay Mesa East Land Port of Entry – Segment 3 component the East Otay Mesa Land Port of Entry – Construction component.

Additionally, \$51,657,000 in supplemental Trade Corridor Enhancement Program funds will be added to the project from the Trade Corridor Enhancement Program Statewide Target. Known as the Statewide Target, Streets and Highways Code, Section 2192, stipulates that Caltrans receives 40 percent of the total Trade Corridor Enhancement Program funding available. Caltrans has opted to program available and future statewide funds to supplement cost increases on this project. These funds will be added to both the East Otay Mesa Land Port of Entry – Construction component and the Commercial Vehicle Enforcement Facility Design and Construction – Segment 2C component. See project summary below for the funding breakdown between project components.

The new total programmed to the Otay Mesa East Port of Entry Project will be \$191,657,000 in Trade Corridor Enhancement Program funds.

A description of each component is included here:

1. Otay Mesa East Land Port of Entry - Early Work Package – PPNO 0999H - \$75,000,000 in Construction (New Component)

If approved, this early work package will construct an initial portion of the project with infrastructure to support inspections in the near term. The project scope includes constructing southbound passenger lanes and northbound commercial lanes for Port of Entry operations. Additionally, the project will construct drainage facilities, performing earthwork and paving, and build temporary federal and state facilities.

2. East Otay Mesa Land Port of Entry – Construction – PPNO 0999I - \$52,657,000 in Construction (Renamed Component)

This component will construct the federal Port of Entry, Information Technology System, and tolling system and infrastructure. After approval of this program amendment, this component will be funded with \$10,800,000 in existing programmed funds, and

\$41,857,000 in supplemental statewide target funding.

3. Commercial Vehicle Enforcement Facility Design and Construction – Segment 2C – PPNO 0999G - \$64,000,000 in Construction (Existing Component)

This component will construct the California Highway Patrol Commercial Vehicle Enforcement Facility located at the Otay Mesa East Port of Entry. If approved, this component will be funded with \$54,200,000 in existing programmed funds, and \$9,800,000 in supplemental statewide target funding.

Southern California Hydrogen Fueling Stations

The Southern California Hydrogen Fueling Stations Project, which was nominated by Caltrans, was originally programmed with three components for a total programmed amount of \$41,900,000. The originally programmed scope was to construct six hydrogen refueling stations to support medium- and heavy-duty vehicles throughout Southern California and to initiate the installation of a hydrogen fuel network.

The project's private partner, the Nikola Corporation, was unable to adequately secure right-of-way at two sites covered under two of the project's components, the Southern California Hydrogen Fueling Stations – Phase 1 and 2. For this reason, Caltrans has requested a project amendment (under Reference numbers 2.1s(1) and 2.1s(2) on this agenda) to reduce the scope of the overall project by removing one refueling site location from the Phase 1 component, and removing the Phase 2 component entirely, returning a total of \$16,875,000 to the Trade Corridor Enhancement Program. The reduction in scope and benefits is commensurate with the amount of Trade Corridor Enhancement Program funds being returned to the program.

The remaining two components, Southern California Hydrogen Fueling Stations Project Phases 1 and 3, will maintain programmed with \$6,575,000 and \$18,450,000, respectively, and will deliver four hydrogen refueling stations including the original project benefits for each. The total Trade Corridor Enhancement Program funds programmed to this project will become \$25,025,000.

EV Oasis South

The EV Oasis South Project, nominated by Caltrans, was originally programmed with one component containing seven site locations for the installation of medium- and heavy-duty electric chargers and associated infrastructure for a total programmed amount of \$28,095,000.

The project's private partner, bp Products North America, is requesting to consolidate two site locations into one, increasing the number of chargers and output at that location. Additionally, the project will be split into two components, the EV Oasis South A and EV Oasis South B components, respectively. Splitting the project into two components will allow the contracts to be separated based on the location of the remaining six site locations for the electric charging infrastructure.

Additionally, Caltrans has requested a project amendment (under Reference number 2.1s(4) on this agenda) to address the consolidation of two site locations into one, as well as the changes in scope and benefits associated with that consolidation.

Background:

On June 28, 2023, the Commission adopted the 2022 Trade Corridor Enhancement Program which includes:

- \$140,000,000 for the Otay Mesa East Port of Entry Project
- \$41,900,000 for the Southern California Hydrogen Fueling Stations Project
- \$28,095,000 million for the EV Oasis South Project

Prior to the adoption of the 2022 Trade Corridor Enhancement Program, Commission staff worked with Caltrans staff and implementing agencies to review project delivery details identified in the recommended projects' Project Programming Request for accuracy. Per the Trade Corridor Enhancement Guidelines, Commission staff can recommend additional changes to the program through program amendments.

Attachments:

- Attachment A: Resolution G-24-54, Amending Resolution G-23-71
- Attachment B: Updated Trade Corridor Enhancement Program of Projects

**CALIFORNIA TRANSPORTATION COMMISSION
2022 TRADE CORRIDOR ENHANCEMENT PROGRAM AMENDMENT**

**RESOLUTION G-24-54
AMENDING RESOLUTION G-23-71**

- 1.1 **WHEREAS**, the California Transportation Commission (Commission) adopted the 2022 Trade Corridor Enhancement Program, Resolution G-23-46, on June 28, 2023; and
- 1.2 **WHEREAS**, the Commission approved Resolution G-23-71 at the December 6-7, 2023 Commission Meeting, amending Resolution G-23-46; and
- 1.3 **WHEREAS**, Resolution G-23-46 authorized Commission staff, in consultation with the California Department of Transportation and project sponsors, to make minor technical changes as needed to the 2022 Trade Corridor Enhancement Program to reflect the most current information, or to clarify the Commission's programming commitments, and to request Commission approval of any substantive changes; and
- 1.4 **WHEREAS**, the 2022 Trade Corridor Enhancement Program Guidelines allow Commission staff to bring recommended amendments to the Commission for action.
- 2.1 **NOW, THEREFORE BE IT RESOLVED**, that the Commission approves the changes to amend the 2022 Trade Corridor Enhancement Program for the Otay Mesa East Port of Entry, Southern California Hydrogen Fueling Stations, and EV Oasis South projects, as reflected in Attachment B; and
- 2.2 **BE IT FURTHER RESOLVED**, that all provisions stipulated in previous amendments, including Resolution G-23-71, will remain in effect; and
- 2.3 **BE IT FURTHER RESOLVED**, that Resolution G-23-71 is hereby amended.

2022 Trade Corridor Enhancement Program
Program of Projects - Projects Recommended for Funding
Resolution G-24-54
(1,000s)

Reference No.: 4.26
June 27-28, 2024
ATTACHMENT B

Project Title	Type	County	Nominating Agency	Region	State	Regional	Total TCEP	2023-24	2024-25	R/W	Const	PS&E	R/W Sup	Con Sup	Total Project Cost
America's Green Port Gateway															
America's Green Port Gateway: Pier B Early Rail Enhancements Project - East Expansion	Rail	Los Angeles	Southern California Association of Governments/Caltrans/City of Long Beach	Los Angeles/Inland	\$ 14,934	\$ 22,401	\$ 37,335	\$ 37,336	\$ -	\$ -	\$ 35,407	\$ -	\$ -	\$ 1,929	\$ 69,363
America's Green Port Gateway: Pier B Early Rail Enhancements Project - Locomotive	Rail	Los Angeles	Southern California Association of Governments/Caltrans/City of Long Beach	Los Angeles/Inland	\$ 13,243	\$ 19,864	\$ 33,107	\$ 33,106	\$ -	\$ -	\$ 32,015	\$ -	\$ -	\$ 1,091	\$ 57,654
Otay Mesa East Port of Entry															
East Otay Mesa Land Port of Entry—Segment 3	Border	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 27,840	\$ 57,960	\$ 85,800	\$ -	\$ 85,800	\$ -	\$ 85,800	\$ -	\$ -	\$ -	\$ 532,154
East Otay Mesa Land Port of Entry - Construction	Border	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 41,857	\$ 10,800	\$ 52,657	\$ -	\$ 52,657	\$ -	\$ 52,657	\$ -	\$ -	\$ -	\$ 554,570
Otay Mesa East Land Port of Entry - Early Work Package	Border	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 27,840	\$ 47,160	\$ 75,000	\$ -	\$ 75,000	\$ -	\$ 65,000	\$ -	\$ -	\$ 10,000	\$ 75,000
CVEF Design and Construction - Segment 2C	Border	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 64,000	\$ -	\$ 64,000	\$ -	\$ 64,000	\$ -	\$ 64,000	\$ -	\$ -	\$ -	\$ 71,500
Westbound I80 Cordelia Commercial vehicle Enforcement Facility															
I-5 Harbor Drive	Border	Solano	Solano Transportation Authority/Caltrans	Bay Area/Central Valley	\$ 51,600	\$ 77,400	\$ 129,000	\$ -	\$ 129,000	\$ -	\$ 109,000	\$ -	\$ -	\$ 20,000	\$ 243,270
I-5/SR 15/Harbor Drive 2.0															
I-5/SR 15/Harbor Drive 2.0	HWY	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 6,500	\$ -	\$ 6,500	\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500	\$ -	\$ -	\$ 68,400
SR-15 Operational Improvements	HWY	San Diego	San Diego Association of Governments/Caltrans	San Diego/Border	\$ 6,900	\$ 5,100	\$ 12,000	\$ 12,000	\$ -	\$ 5,500	\$ -	\$ 6,500	\$ -	\$ -	\$ 62,800
I-10 Corridor Freight and Managed Lane Project															
I-10: 1-15 to Pepper Avenue (Contract 2B)*	HWY	San Bernardino		Los Angeles/Inland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
I-10: 1-15 to Pepper Avenue (Contract 2A)	HWY	San Bernardino		Los Angeles/Inland	\$ -	\$ 75,000	\$ 75,000	\$ 75,000	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -	\$ 425,158
I-10: 1-15 to Pepper Avenue Toll System Provider (TSP D/B Contract)*	HWY	San Bernardino		Los Angeles/Inland	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
I-10: 1-15 to Pepper Avenue Zero Emission Fueling Infrastructure A	ZEV	San Bernardino		Los Angeles/Inland	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 7,999
I-10: 1-15 to Pepper Avenue Zero Emission Fueling Infrastructure B	ZEV	San Bernardino		Los Angeles/Inland	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 18,502
Tulare Six Lane and Paige Ave	HWY	Tulare	Tulare Association of Governments/Caltrans	Bay Area/Central Valley	\$ 14,788	\$ 22,181	\$ 36,969	\$ 36,969	\$ -	\$ 32,417	\$ -	\$ -	\$ 4,552	\$ -	\$ 238,143
Port of Oakland Microgrid															
Green Power Microgrid Project - Substations/BESS	ZE	Alameda	Caltrans/Metropolitan Transportation Commission	Bay Area/Central Valley	\$ 12,382	\$ 18,573	\$ 30,955	\$ 1,948	\$ 29,007	\$ -	\$ 29,007	\$ 1,948	\$ -	\$ -	\$ 44,221
Green Power Microgrid - EV Chargers	ZE	Alameda	Caltrans/Metropolitan Transportation Commission	Bay Area/Central Valley	\$ 2,846	\$ 4,269	\$ 7,115	\$ 7,115	\$ -	\$ -	\$ 6,435	\$ 680	\$ -	\$ -	\$ 10,163
Green Power Microgrid - Solar	ZE	Alameda	Caltrans/Metropolitan Transportation Commission	Bay Area/Central Valley	\$ 1,426	\$ 2,139	\$ 3,565	\$ 294	\$ 3,271	\$ -	\$ 3,271	\$ 294	\$ -	\$ -	\$ 5,092
Fresno UPRR Double Track	Rail	Stanislaus	San Joaquin Regional Rail Commission/Caltrans	Bay Area/Central Valley	\$ 16,000	\$ 24,000	\$ 40,000	\$ -	\$ 40,000	\$ -	\$ 30,485	\$ 2,865	\$ -	\$ 6,650	\$ 133,400
I-605 Valley Boulevard Interchange Improvements	HWY	Los Angeles	Southern California Association of Governments/Los Angeles County Metropolitan Transportation Authority	Los Angeles/Inland	\$ -	\$ 33,570	\$ 33,570	\$ 33,570	\$ -	\$ -	\$ 33,570	\$ -	\$ -	\$ -	\$ 53,280
SR 91 Operational and Multimodal Improvements	HWY	Orange	Caltrans/Orange County Transportation Authority	Los Angeles/Inland	\$ -	\$ 42,566	\$ 42,566	\$ 42,566	\$ -	\$ -	\$ 42,566	\$ -	\$ -	\$ -	\$ 107,670
Rt 49 Corridor Improvement	HWY	Nevada	Nevada County Transportation Commission/Caltrans	Other	\$ -	\$ 14,615	\$ 14,615	\$ -	\$ 14,615	\$ -	\$ 14,615	\$ -	\$ -	\$ -	\$ 33,100
EV Oasis South A	ZE	Kern, San Bernardino, Riverside	Caltrans/San Joaquin Valley Air Pollution Control District	Los Angeles/Inland/Bay Area Central Valley	\$ 14,047	\$ -	\$ 14,047	\$ -	\$ 14,047	\$ -	\$ 14,047	\$ -	\$ -	\$ -	\$ 20,068
EV Oasis South B	ZE	Kern, San Bernardino, Riverside	Caltrans/San Joaquin Valley Air Pollution Control District	Los Angeles/Inland/Bay Area Central Valley	\$ 14,048	\$ -	\$ 14,048	\$ -	\$ 14,048	\$ -	\$ 14,048	\$ -	\$ -	\$ -	\$ 20,068
Southern California Hydrogen Fueling Facilities															
Southern California Hydrogen Fueling Stations - Phase 1	ZE	San Bernardino, Riverside, Los Angeles, San Diego	Caltrans	Los Angeles/Inland/San Diego/Border	\$ 6,575	\$ -	\$ 6,575	\$ 6,575	\$ -	\$ -	\$ -	\$ -	\$ 13,150	\$ 13,150	\$ 33,347
Southern California Hydrogen Fueling Stations—Phase 2	ZE	San Bernardino, Riverside, Los Angeles, San Diego	Caltrans	Los Angeles/Inland/San Diego/Border	\$ 10,300	\$ -	\$ 10,300	\$ 10,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,300	\$ 26,889
Southern California Hydrogen Fueling Stations - Phase 3	ZE	San Bernardino, Riverside, Los Angeles, San Diego	Caltrans	Los Angeles/Inland/San Diego/Border	\$ 18,450	\$ -	\$ 18,450	\$ 18,450	\$ -	\$ -	\$ -	\$ -	\$ 18,450	\$ 18,450	\$ 44,314
I-710 Integrated Corridor Management (ICM)	HWY	Los Angeles	Southern California Association of Governments/Los Angeles County	Los Angeles/Inland	\$ 11,140	\$ 16,700	\$ 27,840	\$ -	\$ 27,840	\$ -	\$ 27,840	\$ -	\$ -	\$ -	\$ 40,150
I-5 Managed Lanes	HWY	Sacramento	Sacramento Area Council of Governments/Sacramento Transportation	Bay Area/Central Valley	\$ -	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	\$ 10,000	\$ -	\$ -	\$ 383,360
Southbound 99 to Westbound 58 Connector	HWY	Kern	Kern Council of Governments/Caltrans	Bay Area/Central Valley	\$ -	\$ 9,380	\$ 9,380	\$ -	\$ 9,380	\$ 6,580	\$ -	\$ 1,750	\$ -	\$ 1,050	\$ 13,400
Fix 5 Cascade Gateway	HWY	Shasta/Tehama	Shasta Regional Transportation Authority/Caltrans	Other	\$ 53,912	\$ 16,937	\$ 70,849	\$ 450	\$ 70,399	\$ -	\$ 62,919	\$ 450	\$ -	\$ 7,480	\$ 82,611
I-80 San Pablo Dam Road Interchange Improvements	HWY	Contra Costa	Metropolitan Transportation Commission/Caltrans	Bay Area/Central Valley	\$ 9,600	\$ 10,100	\$ 19,700	\$ 19,700	\$ -	\$ 15,600	\$ -	\$ 4,100	\$ -	\$ -	\$ 112,000
SR 4 Wagon Trail Realignment	HWY	Calaveras	Calaveras Council of Governments	Other	\$ -	\$ 5,250	\$ 5,250	\$ -	\$ 5,250	\$ 5,250	\$ -	\$ -	\$ -	\$ -	\$ 56,000
Sacramento County WattEV Innovative Freight Terminal	ZE	Sacramento	Sacramento County	Bay Area/Central Valley	\$ -	\$ 33,688	\$ 33,688	\$ 1,018	\$ 32,670	\$ -	\$ 32,670	\$ 1,018	\$ -	\$ -	\$ 61,850

2022 Trade Corridor Enhancement Program
Program of Projects - Projects Recommended for Funding
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(1,000s)

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SR 60 Potrero Boulevard Interchange	HWY	Riverside	Southern California Association of Governments/City of Beaumont	Los Angeles/Inland	\$ -	\$ 33,500	\$ 33,500	\$ -	\$ 33,500	\$ -	\$33,500	\$ -	\$ -	\$ -	\$ 50,000
TOWN Rail Safety Improvements	Rail	Alameda	Metropolitan Transportation Commission/City of Oakland	Bay Area/Central Valley	\$ -	\$ 30,200	\$ 30,200	\$ 2,833	\$ 27,367	\$ -	\$23,274	\$ 2,833	\$ -	\$ 4,093	\$ 59,005
Maritime Support Facility Access – Terminal Island	HWY	Los Angeles	Southern California Association of Governments/Port of Los Angeles	Los Angeles/Inland	\$ 5,974	\$ 8,962	\$ 14,936	\$ -	\$ 14,936	\$ -	\$13,044	\$ -	\$ -	\$ 1,892	\$ 39,670
U.S. 395 Freight Mobility and Safety Project							\$ -								
US 395 – Phase 2 Freight Mobility and Safety Project-CON Mainline	HWY	San Bernardino	Southern California Association of Governments/San Bernardino County Transportation Authority	Los Angeles/Inland	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ -	\$ -	\$30,000	\$ -	\$ -	\$ -	\$ 74,583
US 395 – Phase 2 Freight Mobility and Safety Project- CON Zero Emission	HWY	San Bernardino	Southern California Association of Governments/San Bernardino County Transportation Authority	Los Angeles/Inland	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000
Five Cities Multimodal Transportation Network Enhancement Project															
Five Cities Multimodal Transportation Network Enhancement Project	HWY	San Luis Obispo	San Luis Obispo Council of Governments	Central Coast	\$ 49,666	\$ 11,628	\$ 61,294	\$ -	\$ 61,294	\$ -	\$52,411	\$ -	\$ -	\$ 8,883	\$ 81,094
Shell Beach Road Shared Use Path Extension	HWY	San Luis Obispo	San Luis Obispo Council of Governments	Central Coast	\$ -	\$ 4,137	\$ 4,137	\$ 508	\$ 3,629	\$ -	\$ 2,268	\$ 508	\$ -	\$ 1,361	\$ 4,355
Grant Line Road Safety Freight Mobility	HWY	Sacramento	Sacramento Area Council of Governments/Capital SouthEast Connector Joint Powers Authority	Bay Area/Central Valley	\$ -	\$ 3,000	\$ 3,000	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,000	\$ -	\$ -	\$ 47,859
*Projects not funded by TCEP but part of the overall project				Total	\$ 457,728	\$ 658,120	\$1,115,848	\$383,938	\$ 731,910	\$65,347	\$914,049	\$42,446	\$36,152	\$77,579	\$ 3,508,019