

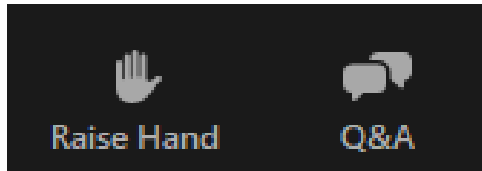
# 2024 Trade Corridor Enhancement Program Workshop

March 6, 2024 | 1-3pm



# WORKSHOP LOGISTICS

- Comments and questions are welcome as a part of each item at this workshop.
- You should see the webinar control panel on the bottom of your screen. There you will find the Raise Hand and Q&A tabs.
- Please use the raise hand feature as early into the item as you can to give the system time to acknowledge you.
- Alternately, you may use the Q&A tab to submit your comment/question. Please specify the item/topic you are commenting on. Commission staff will read the comment on your behalf.
- As a reminder, each registered attendee is provided a unique link and phone number to access the webinar. These should not be shared with other participants, as they are registered to a specific attendee and can create confusion for staff when making comments.





# AGENDA

- TCEP Eligibility/Criteria Reminder
- Zero-Emission Freight and Infrastructure in TCEP
  - Draft ZE Criteria in Guidelines
- Draft Workforce Development Language Update
- Office Hours Reminder
- Questions and Comments
- Discussion Recap
- Action Items and Next Steps

# Trade Corridor Enhancement Program

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## Program Objective:

- Fund public infrastructure projects that have a high volume of freight movement
- Support the goals of the National Highway Freight Program, the California Freight Mobility Plan, and the guiding principles of the California Sustainable Freight Action Plan

**Funding:** Approx. \$400 million per year (state/federal)



# Trade Corridor Enhancement Program

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**Eligible Agencies:** Cities, counties, Metropolitan Planning Organizations, Regional Transportation Planning Agencies, port authorities, public construction authorities, and Caltrans.

**Eligibility Criteria:** Projects must be in a Regional Transportation Plan and if within the boundaries of an MPO, consistent with an approved Sustainable Communities Strategies.

**Eligible Types of Projects:** Projects that enhance the freight system's economic activity or vitality, relieve congestion on the freight system, improve safety and resilience of the freight system, improve freight system infrastructure, implement technology or innovation to improve the freight system or reduce or avoid its negative impacts, or reduce or avoid adverse community and/or environmental impacts of the freight system.

# Zero-Emission Freight and Infrastructure in TCEP Recap

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- Zero-Emission Evaluation Criteria – Cycle 4 Considerations
  - Incorporation of a matrix designating what should be included for zero-emission medium- and heavy-duty infrastructure projects vs. Non-zero-emission projects (i.e. performance metrics, evaluation criteria responses)
  - New criteria to evaluate zero-emission medium- and heavy-duty infrastructure projects based on SB 671 work – included on next slide
  - New guidelines attachments which include Top 6 ZEV Freight Corridors and 34 Priority Corridors, potentially additional SB 671 resources
- *Please remember* – Freight throughput is still a key factor in evaluations. Projects that combine factors, including ZEV freight infrastructure, are the most competitive



# Zero-Emission Freight and Infrastructure in TCEP Cont'd

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New criteria to evaluate zero-emission MD-HD infrastructure based on SB 671 work – ideas include:

- Number of electric chargers or hydrogen dispensers
- Zero-emission truck throughput
- Proximity to Top 6 Freight Corridors (or priority corridors)
- Proximity to major routes
- Proximity to key freight destinations
- Proximity to Other Charging/Refueling Infrastructure
- Size of station land
- Volume of Truck Parking
- Zoning (i.e. industrial, commercial, or another type of land?)
- Proximity to residential neighborhoods
- Grid readiness or proximity to hydrogen supply
- Distributed energy resources (i.e. small-scale, decentralized power generation and storage technologies)

# DRAFT Evaluation Criteria Matrix (includes new DRAFT ZE Criteria)

## New ZE Criteria in the matrix:

- Number of electric chargers or hydrogen dispensers
- ZE truck throughput
- Proximity to Top 6 Freight Corridors
- Proximity to major routes
- Proximity to key freight locations
- Proximity to other charging/refueling infrastructure
- Size of station land
- Zoning
- Proximity to residential neighborhoods
- Grid readiness or proximity to hydrogen supply
- Distributed Energy Resources

Evaluation Criteria	Is This Also a Performance Metric?	Applicable To All Non-Zero-Emission TCEP Projects	Applicable to Zero-Emission TCEP Projects
<b>Freight System Factors</b>			
<b>Throughput</b> – Project provides for increased volume of freight traffic through capacity expansion or operational efficiency to improve the interregional transportation network and move goods to, through, and from ports.	Yes	Yes	No
<b>Velocity</b> – Project increases the speed of freight traffic moving through the distribution system, including critical freight corridors and ports.	Yes	Yes	No
<b>Reliability</b> – Project reduces the variability and unpredictability of travel time.	Yes	Yes	Yes

*Note: Only a portion of the matrix is shown on this slide; Please see workshop attachment document for entire matrix.*





# Proposed Workforce Development Language

Pages 15-17 of 2022 TCEP Guidelines

## Removing:

Also, applicants should consider contractors with Electric Vehicle Infrastructure Training Program certifications where the scope of work requires a state licensed or certified electrician for installation of electric charging infrastructure for medium-and heavy-duty vehicles. This would align with existing requirements of other state funding programs administered by the California Air Resources Board, the California Energy Commission, and the California Public Utilities Commission.

For this criterion, please describe how the project supports the transition to zero-emission freight infrastructure. If this project does not support zero-emission freight infrastructure, please state that.

Actions that support the transition to zero-emission freight infrastructure include, but may not be limited to, the following:

- Building zero-emission infrastructure that supports freight.
- Improving access to freight charging or hydrogen fueling infrastructure to refuel battery electric and fuel cell powered trucks.
- As a part of a larger port freight infrastructure project, buying zero-emission or near-zero-emission human-operated equipment.



## Adding:

Recipients of Trade Corridor Enhancement Program funds that involve the installation of electric vehicle infrastructure must meet the following requirements; 1) be installed by a contractor with the appropriate license classification, as determined by the Contractors' State License Board, and at least one electrician on each crew, at any given time, holds an Electric Vehicle Infrastructure Training Program certification, and 2) meet a requirement that at least 25 percent of the total electricians working on an electric vehicle infrastructure project installing a charging port supplying 25 kW or more, at any given time, hold Electric Vehicle Infrastructure Training Program certification, consistent with the Public Utilities Code section 740.20.

## Proposed Topics for Future Workshops

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- Clarifying language about supplemental funds
- Additional consideration regarding climate resilience, protections for natural and working lands, and public health (based on CAPTI medium-term actions)
- ZE in TCEP continued (matrix and ZE criteria)- *if needed*
- **SB 1 Programs Advancing Transportation Equity Workshop- March 27<sup>th</sup> 1-4pm**

# 2024 Office Hours Reminder

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- SB 1 Programs' office hours- March through May 2024
- Scheduled 30-minute appointments
- Appointments will be reserved on a first-come-first-served basis
- Closed virtual sessions
- 1-on-1 time with Commission staff to answer questions about specific projects or the application process
- Sessions will not be used to discuss guidelines development
- Request a session [here](#). *(link to form can also be found on the TCEP webpage)*

# Questions and Comments



## Action Items and Next Steps

- Discussion Recap
- Action Items
- Next TCEP Workshop:
  - April 10<sup>th</sup>, 1-3pm
- SB 1 Equity Workshop:
  - March 27<sup>th</sup>, 1-4pm



# CTC Contacts

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**Thank you!**

