

# Long Beach-East Los Angeles Corridor Zero Emission Truck (ZET) Program Status Update

Planning and Programming Committee

June 14, 2023

File #2023-0294

# Recommendations

- A. AUTHORIZE the Chief Executive Officer to program up to \$3 million of the Board authorized \$50 million seed funding programmed for the LB-ELA Corridor ZET Program as Metro's contribution to leverage federal and regional funds contingent upon the demonstration of full project funding.
- B. RECEIVE AND FILE report on updates for the Long Beach-East Los Angeles (LB-ELA) Corridor Zero Emission Truck (ZET) Program.

# Recommendation A

- Metro's policy objective: Leverage \$50 million in Board-approved seed funding (Hahn/Dutra, October 2021) to develop a Zero Emission Truck (ZET) Program within the LB-ELA Corridor with the goal of reaching a \$200 M funding target.
- Metro's ZET Working Group recommends the use of these funds to implement ZET charging/fueling Infrastructure as a short supply of supporting infrastructure would inhibit heavy-duty ZET adoption.
- LA Cleantech Incubator identified a site on Port of LA property for a ZET charging depot.
  - Estimated project cost is \$15 M.
  - Leverages \$1.5 M earmark from Rep. Barragan (CA-44).
  - Remaining funds: Port of LA / private source(s)
- Funding Source: Congestion Mitigation and Air Quality (CMAQ) Improvement funds
  - CMAQ will be from additional capacity beyond that allowed for transit operations per Board policy.

# Recommendation B: LB-ELA ZET Working Group Updates

- LB-ELA ZET Program Principles and Preliminary Performance Measures
- Strategy for reaching \$200 M funding target: Immediate opportunities and project development
- Understanding the existing and anticipated demand for heavy-duty vehicle charging / fueling
  - Statewide demand: California Air Resources Board on the Advanced Clean Fleets Rule
  - LA County demand: Clean Truck Technology Comparative Report
  - LB-ELA Corridor demand: LACI I-710 Investment Blueprint for Heavy-Duty Charging Depots
- Data: Heavy-duty truck market segments and travel patterns
- Understanding freight industry operational needs for charging and fueling infrastructure
- Understanding community needs and desirable outcomes
- Investing in workforce development

# Next Steps

- Potential near-term opportunities to leverage Metro funding
  - Mobile Source Air Pollution Reduction Review Committee (MSRC)
  - Federal Charging and Fueling Infrastructure (CFI) Discretionary Grant Program
    - A tri-state application with Oregon & Washington led by CEC/Caltrans
    - Three sites within the LB-ELA Corridor included
    - If the LB-ELA Corridor projects received funding, Metro staff would seek Board approval to program seed funding towards those projects.
  - State SB1 Trade Corridor Enhancement (TCEP) Program FY2024 cycle and FY2026
  - Federal Infrastructure for Rebuilding America (INFRA) program, future CFI cycles
- Feasibility study to address infrastructure needs beyond immediate demand and develop preliminary concepts.