



THE PORT  
OF LOS ANGELES LA

AMERICA'S PORT®

# *Zero-Emission Port Electrification and Operations (ZEPEO) MOU*

*between LAHD and LADWP*

Presented by:

*Sal Zambrano, P.E.  
Asst. Chief Harbor  
Engineer*

Presented to:

*Board of Harbor Commissioners  
May 28, 2026*



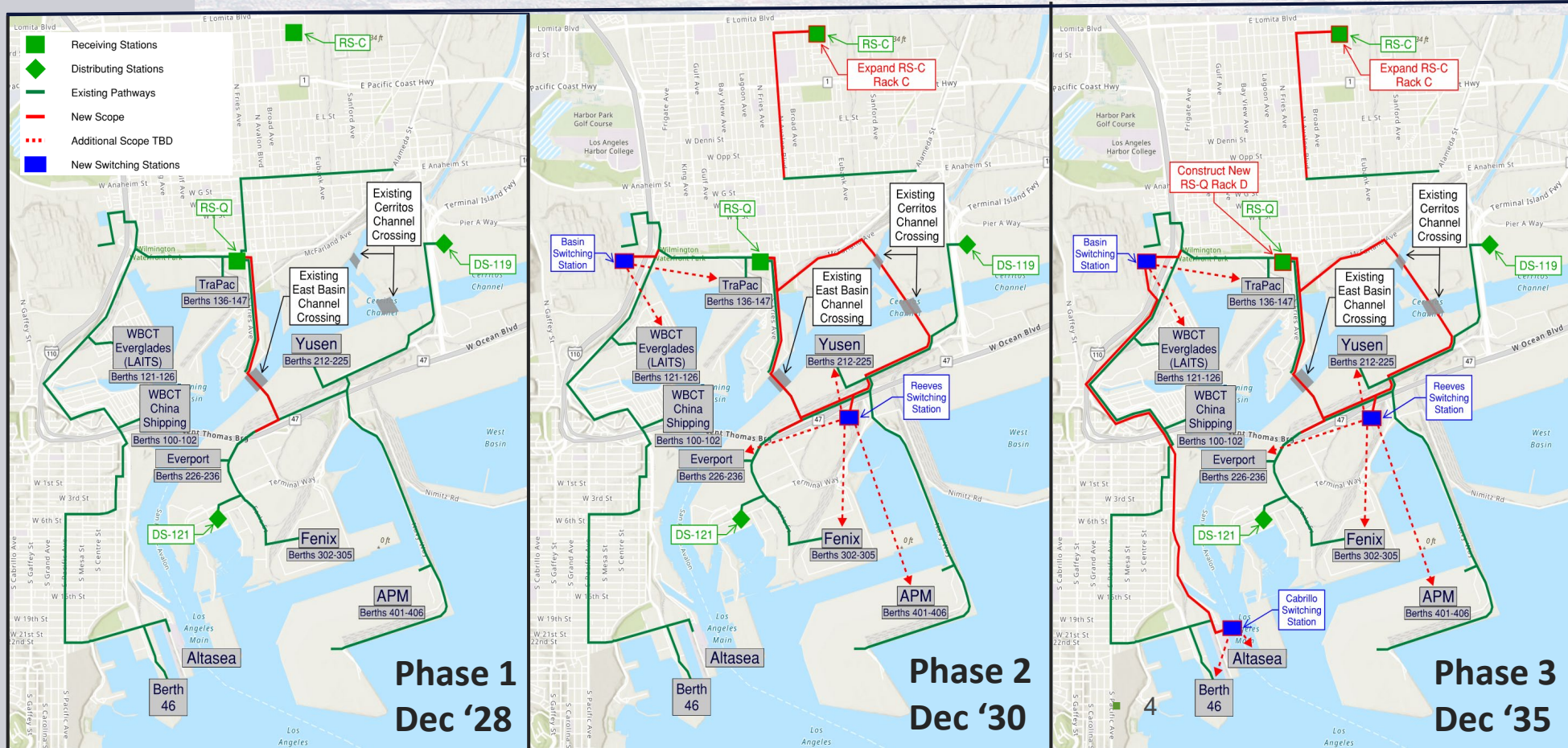
# ZEPEO Project Objectives

- Helps Achieve Phase 1 of AQMD Cooperative Agreement for Cargo Handling Equipment (CHE):
  - Deadline for Phase 1 Draft Plan – May 31, 2027
- Provides power for EPA Clean Ports Program projects:
  - \$412M grant deadline – December 2028
- Meets San Pedro Bay CAAP goal:
  - ZE Cargo Handling Equipment by 2030

## ZEPEO Project Objectives (continued)

- Converts Overhead Power Lines to Underground Power Circuits
- Provides power to Outer Harbor Cruise Terminal
- Adds 213 MVA of electrical capacity by 2030
- Adds 306 MVA of electrical capacity by 2035

# ZEPEO Project Delivery Plan



# Adopt Findings of Fact by LAHD

- LADWP - Lead Agency per CEQA
- LADWP approved Mitigated Negative Declaration (MND) for ZEPEO project – March 24, 2026
- LAHD - Responsible Agency per CEQA - adopt Findings of Fact and MND's Mitigation Measures

# Approve LAHD & LADWP MOU for ZEPEO

- Defines Roles & Responsibilities
- LADWP designs & LAHD constructs 34.5kV Underground Distribution Pathways & Core Shell for Switching Stations
- LADWP expands two Receiving Stations, equips Switching Stations, and installs 34.5kV cables and splices
- Term - Ten (10) years
- LAHD Cost - \$607.4 million - LADWP Cost: \$107.6 million



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# ***AVALON PED. BRIDGE AND PROMENADE GATEWAY - SPEC. NO. 2804A***

## ***Change Order No. 01***

Presented by:

*Brian Chuc, P.E.  
Asst. Chief Harbor  
Engineer*

Presented to:

Board of Harbor Commissioners  
*May 28, 2026*



# AVALON PED. BRIDGE AND PROMENADE GATEWAY - SPEC. NO. 2804A

Recommend Board Approval to:

- Authorize Change Order No. 1 to add the ZEPEO project electrical conduits and vaults for a Not-to-exceed amount of \$10 million.
- Increase the contingency amount from 10% to 20% for a total construction contract amount of \$122,316,018.

# AVALON PED. BRIDGE AND PROMENADE GATEWAY - SPEC. NO. 2804A

- Contract was awarded to Skanska in the amount of \$101,930,015, plus a 10% contingency for a total contract amount of \$112,123,016.
- Change Order No. 1 will construct additional electrical conduits and vaults for the ZEPEO project to avoid impact to a completed promenade project.

# Recommendation for Board Approval

- Item #7
- Adopt Findings of Fact and MND's Mitigation Measures
  - Approve MOU with LADWP and LAHD
- Item #8
- Approve and Authorize Change Order No. 1 for \$10M
  - Approve the contract contingency to 20%



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THANK YOU



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