SANTA MONICA PIER BRIDGE REPLACEMENT PROJECT

OBJECTIVE

- **Staff recommends that the City Council:**
  - **Review and comment on the proposed conceptual alternatives for the Pier Bridge Replacement Project (the Project)**
  - **Direct staff to move forward with the NEPA and CEQA environmental review phase of the Project considering the proposed conceptual alternative number 1 (with options A & B) and alternative number 4**

PURPOSE OF PROJECT

- Improve Structural Safety
  - Replace Structurally Deficient and Functionally Obsolete Vehicular Bridge
  - Design Bridge for Vehicular/Seismic Loading

GUIDING PRINCIPLES

- Enhance Pier Bridge Experience
- Compatible with Historical Resources
- Improve Pedestrian, Bike, Vehicle Safety and Reduce Traffic Conflicts
- Improve Functionality and ADA Accessibility

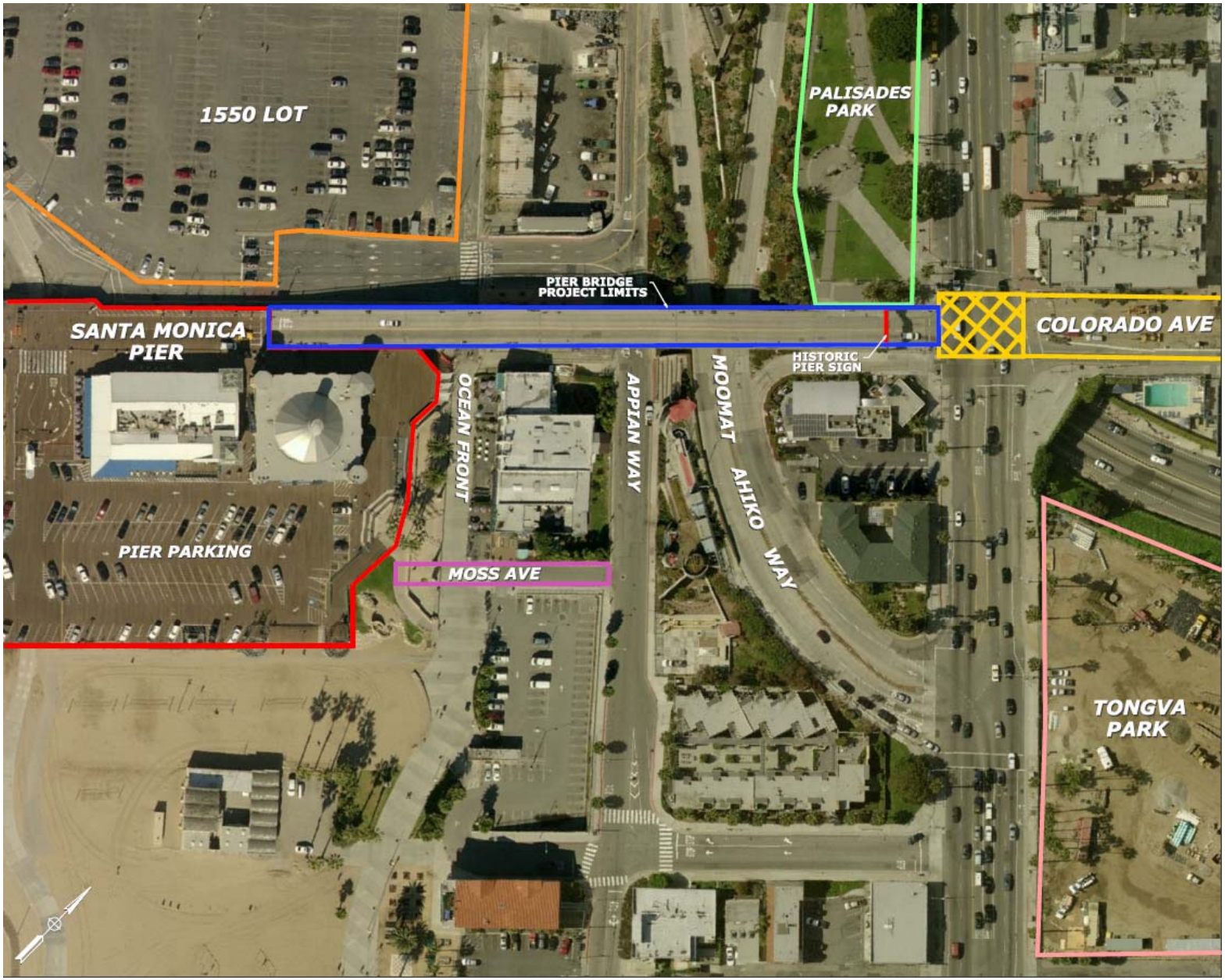
PROJECT DESCRIPTION

- Prior Work
  - Beach Improvement Group Studies (Late 1990's)
  - Santa Monica Pier DEIR/EA (2006)
    - ✓Retrofit/Rehabilitation vs. Replacement
  - FHWA/Caltrans Authorization for Replacement Project (May 2012)

KEY PROJECT CONSIDERATIONS

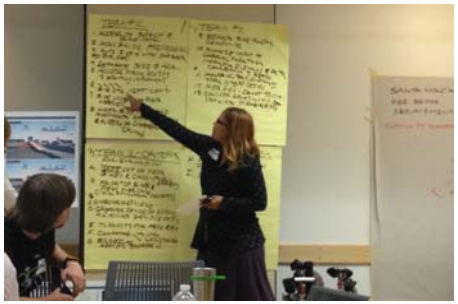
- Federal Funding Requirements
- Geometric Constraints
- Environmental Requirements
- Historic Elements (Pier Sign, Hippodrome, Pier)
- Construction Impacts

PROJECT SITE



PUBLIC PROCESS

- **Early Public Engagement**
  - **Pier Board Meetings (Feb. 6th, Apr. 15th & Aug. 19th)**
  - **Landmarks Commission (Aug. 12th)**
  - **Community Workshop (June 18th)**
    - ✓ **40 participants in four working groups**



  - **Meetings with Ocean Front Walk Business and Property Owners (Aug. 8th)**
  - **Disability Commission (Nov. 4th)**
  - **Seniors Commission (Nov. 20th)**

PUBLIC PROCESS (cont.)

- Social Media
  - www.smconstructs.org/smpierbridge
  - www.Facebook.com/SMConstructs
  - Twitter: www.twitter.com/SMConstructs

PUBLIC PROCESS (cont.)

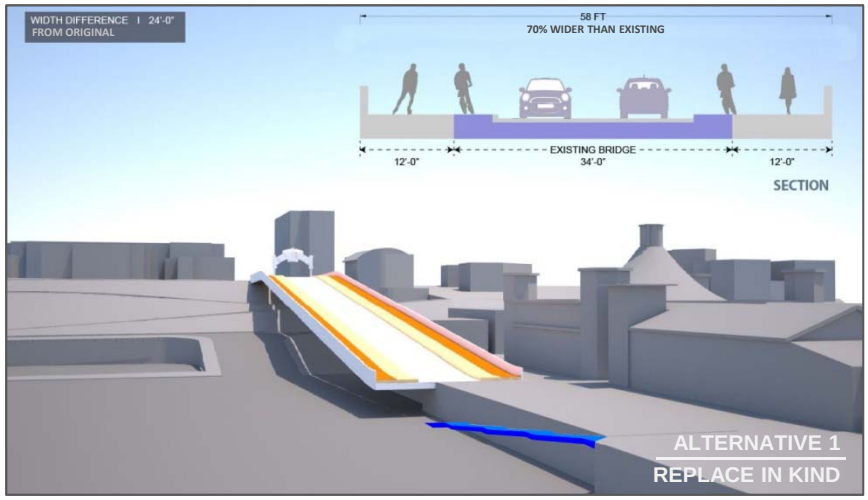
- Public Outreach Results
  - Discussed four alternatives
  - Public Recommended:
    - ✓ Alternative 1
      - Direct access to Pier
      - Provides baseline functionality
    - ✓ Alternative 4
      - Separates travel modes (pedestrians/bikes/vehicles)
      - Received broad support by the public, Pier Board, Police Department, and Fire Department

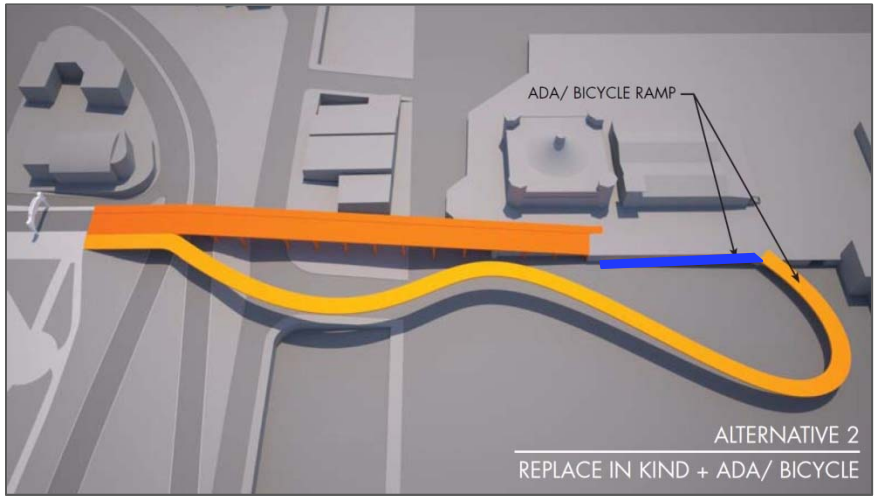
PUBLIC PROCESS (cont.)

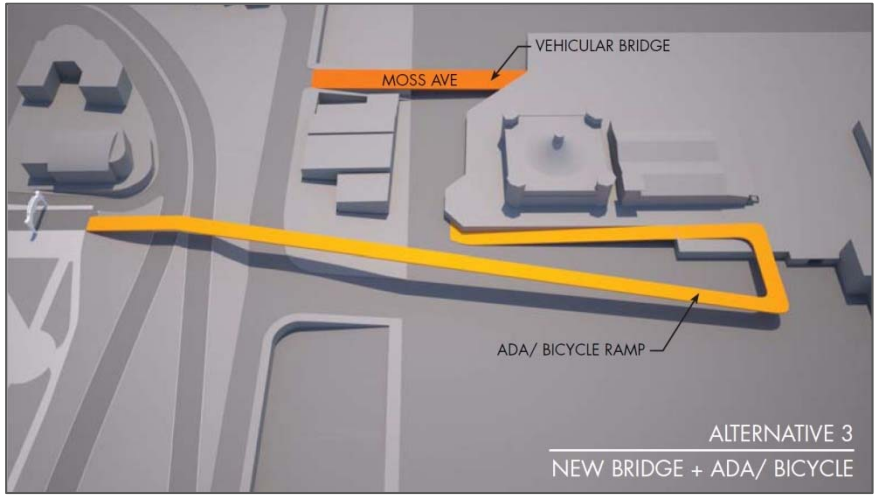
- **Special Meeting w/Ocean Front Walk Tenants (Nov 21st)**
  - **13 participants**
  - **Results:**
    - ✓ **Oppose Moss Avenue Access Structure (Temporary or Permanent)**
    - ✓ **Recommend Further Study of Pier Access Alternatives such as Temporary Ramp from 1550 Lot on North Side of Pier**

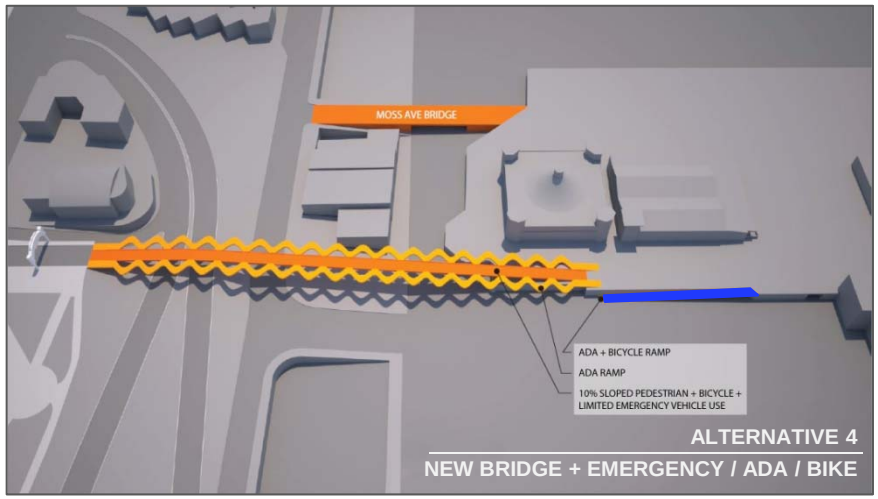
CONCEPTS

- Alternatives

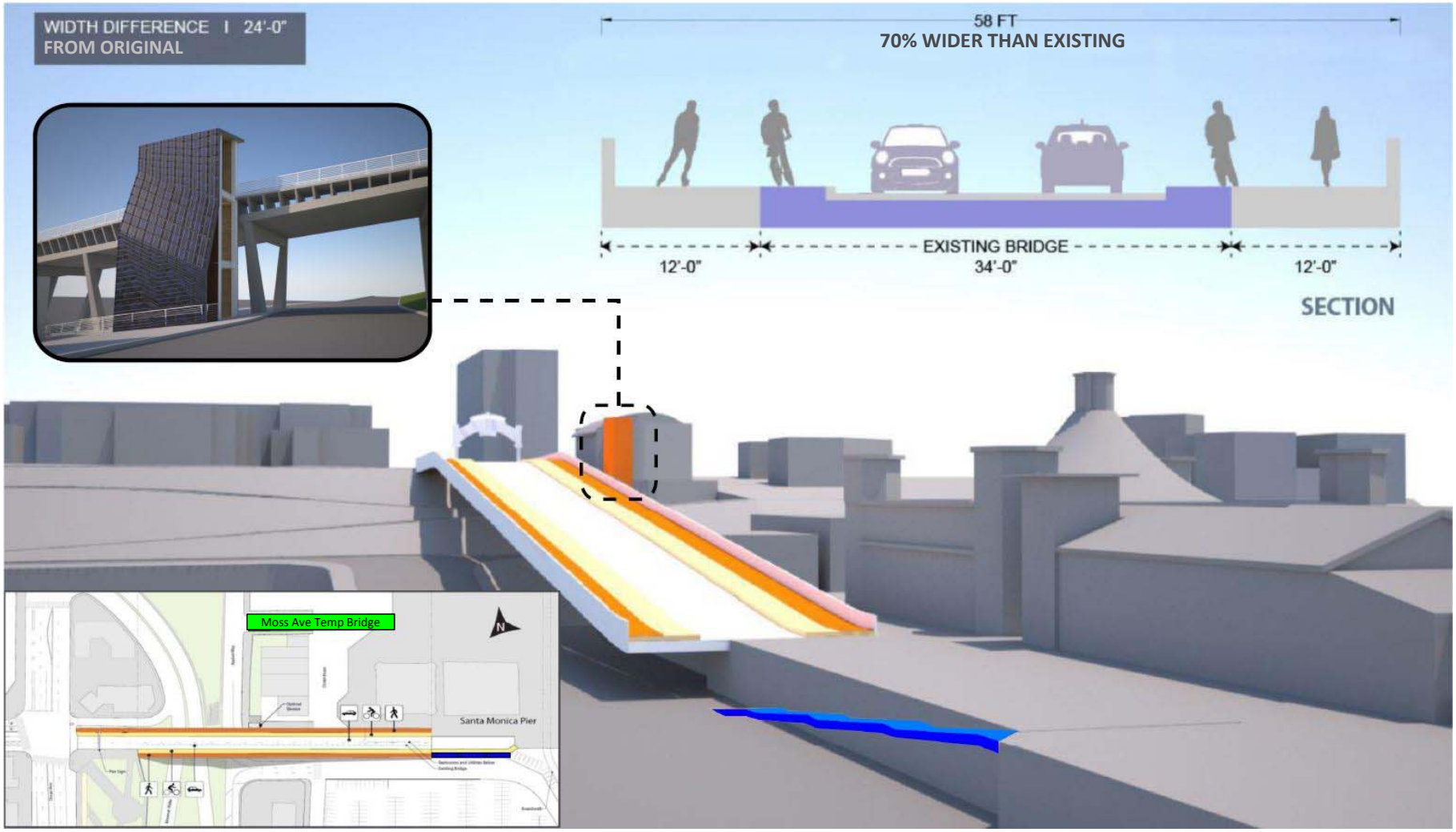




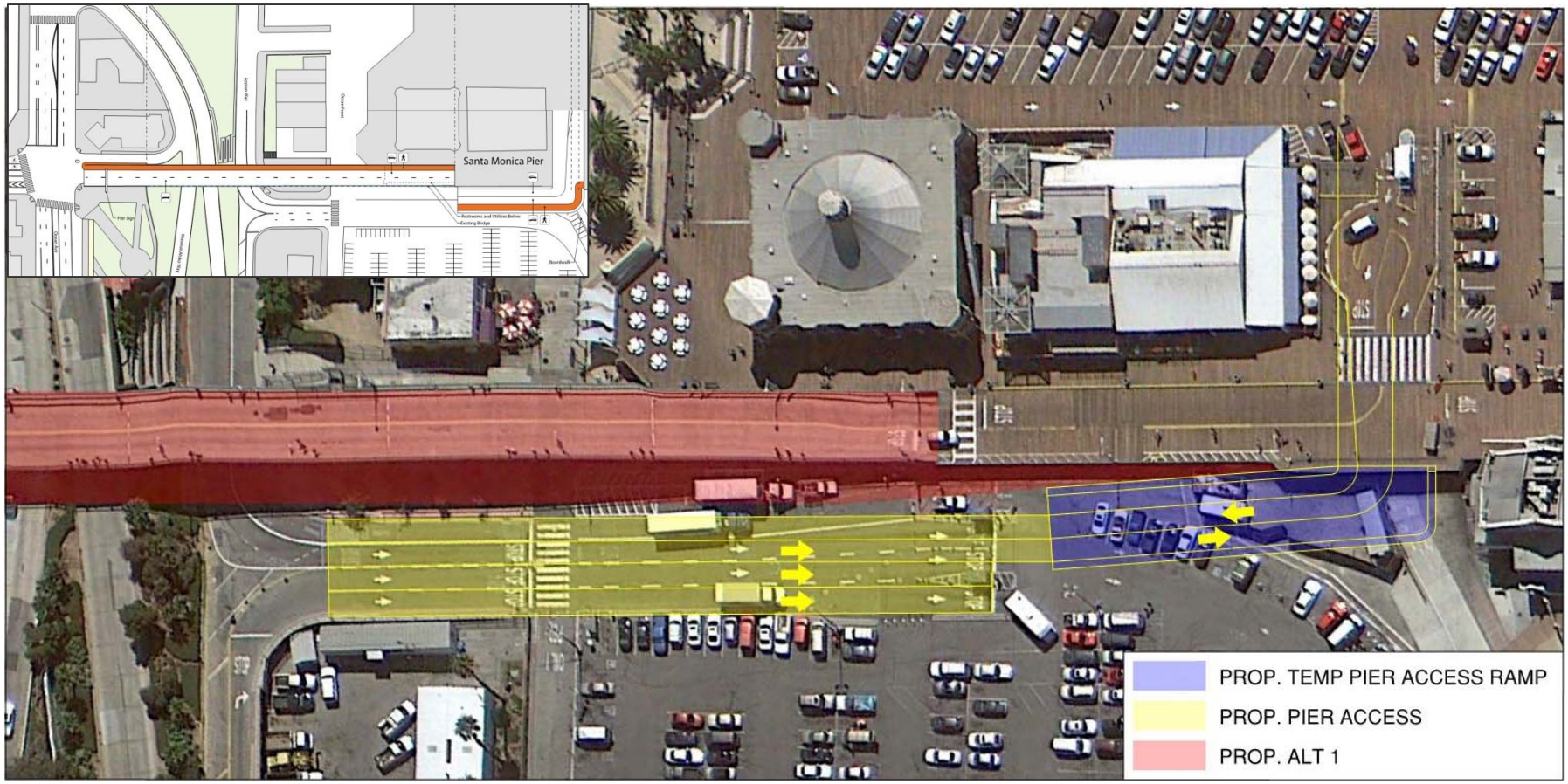




CONCEPTS – Alternative 1 A – Temporary Moss Avenue Bridge



CONCEPTS – Alternative 1 B – Temporary Ramp North Side of Pier



Pier Bridge Perspective – Alternative 1

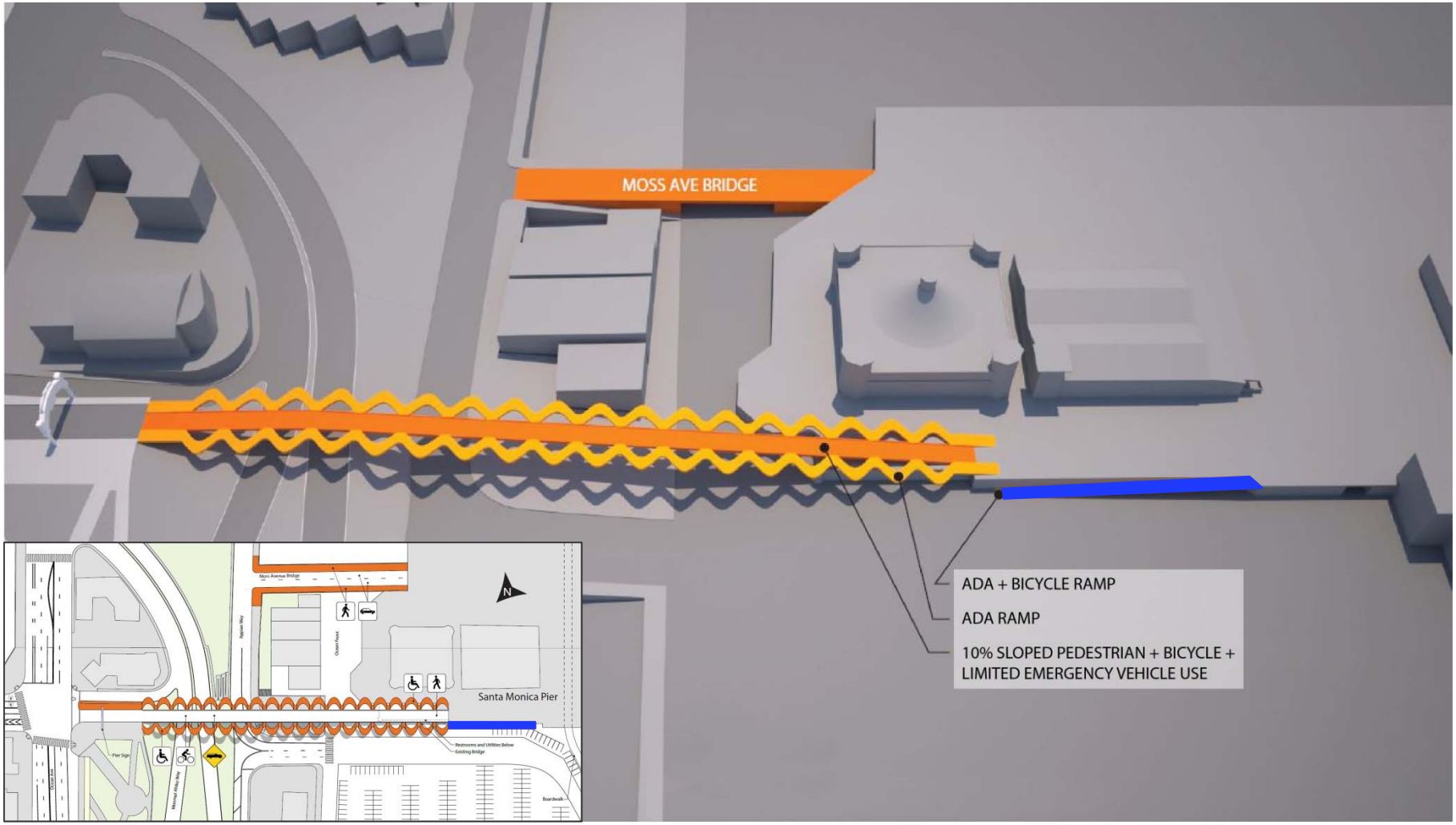
Preliminary Concept

Appian Way Perspective

Parking Lot Perspective

T·Y·LIN INTERNATIONAL

CONCEPTS – Alternative 4



Pier Bridge Perspective – Alternative 4

Preliminary Concept

Appian Way Perspective

Parking Lot Perspective

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NEXT STEPS

- Preliminary Engineering to refine Alternatives
- Complete CEQA and NEPA environmental documents, 18-24 months
- Determine Locally Preferred Alternative

CITY COUNCIL ACTION

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