# Oakland-Alameda Estuary Bridge



A New Bicycle-Pedestrian Connection









# A growing region in need of better access

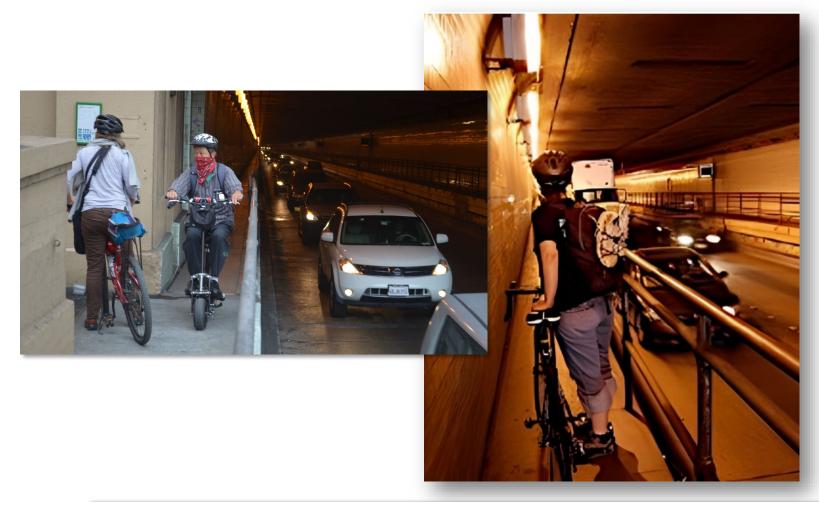








### A deficient and inequitable State Route 260



Almost one mile-long underground paths in Posey and Webster Tubes are not the solution

- Extremely narrow path (3')
- Loud noise from adjacent traffic
- Unpleasant
- Inadequate

Posey Tube - 0.83 miles



4.5% Slope





## **Equity**

- Reduce vehicle trips traveling through equity priority communities
- Improve health by reducing air pollutants in EPC's and promoting increased physical activity
- Reduce greenhouse gas emissions with shift away from single-occupancy fossil fuel vehicles



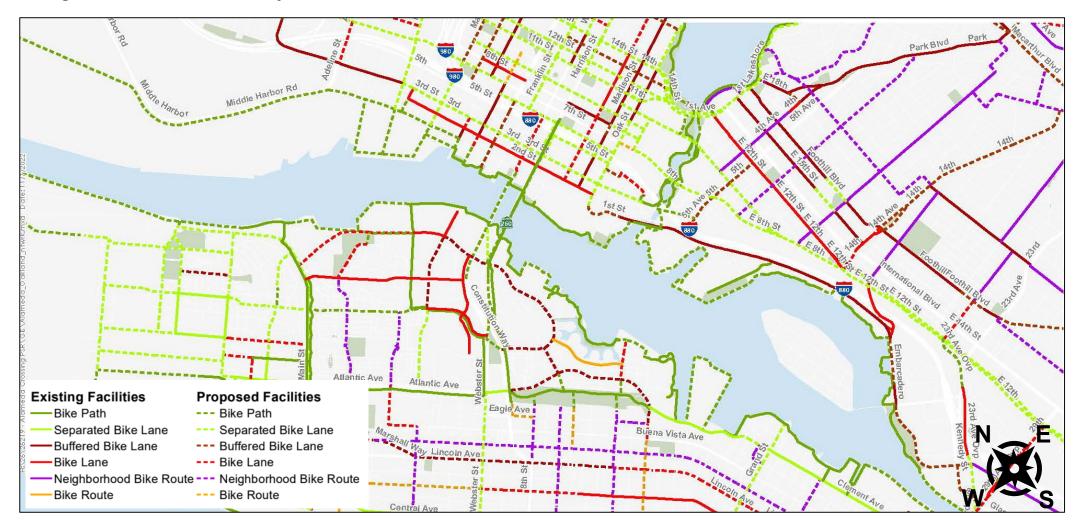






# Disconnected biking/walking networks

### Growing trail and bikeway networks in Oakland and Alameda

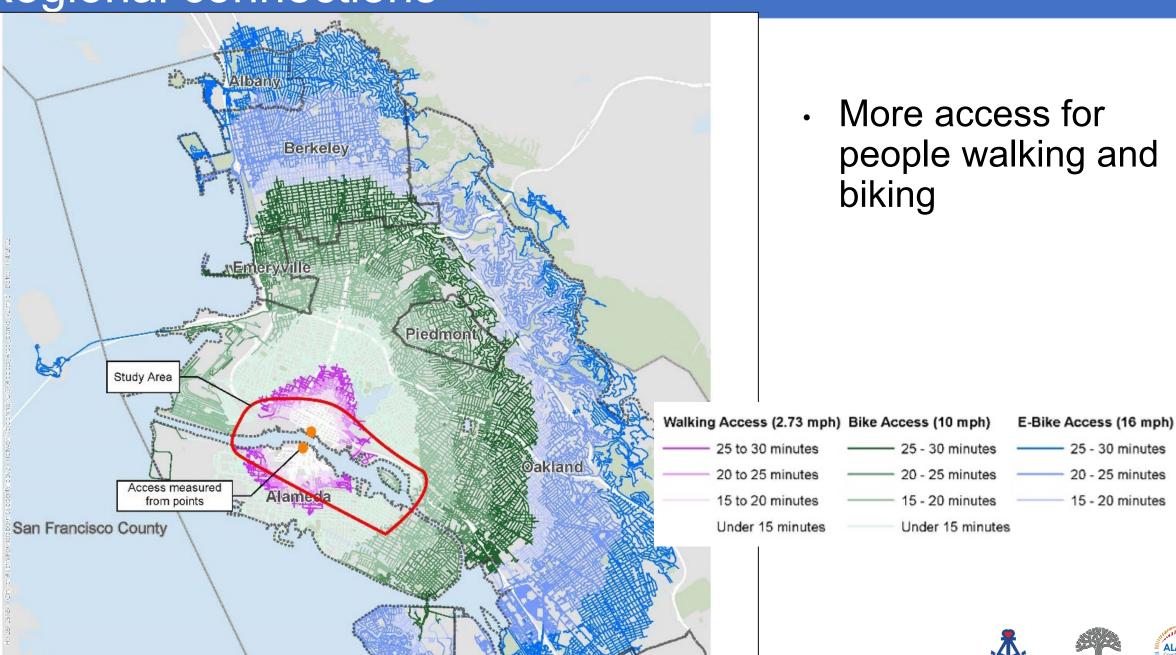








## Regional connections









#### 2005

Alameda Point development access

> Gondola/ aerial tramway



Water and land shuttles

> Aerial tramway

bikes + more



**Estuary** Crossing Feasibility Study

2009

Transit tube

Bridges

Amphibious



Oakland waterfront stadium access

Gondola



Estuary Crossing Study and Travel Demand Study

Bridges Transit Tube Water shuttle Webster Tube: new path



Oakland Alameda Estuary Bridge Project

Project Initiation Document (PID)

Moveable Bridge









### A bridge that works for all

### **Key Planning Considerations:**

- 1. **Usage.** Excellent connections, short approaches, and a small grade change
  - > Higher usage
- 2. Waterfront Compatibility. Shorter approaches and smaller towers
  - Less impacts and more opportunities to complement existing waterfront uses
- 3. **Maritime Traffic.** Greater clearance over the water and longer spans
  - > Less impacts on maritime uses of the estuary













# Top 3 alternatives



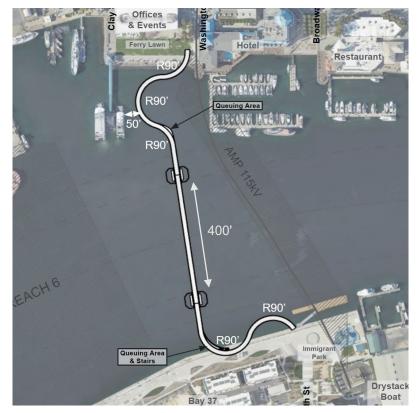






### 3 alternatives being studied in PID

#### **Washington-Fifth**



#### **Broadway-Fifth**



#### **Estuary Park-Alameda Park**



#### All Scored Relatively High:

- High usage
- High physical and social quality landings
  - civic open space (JLS and parks)
- Large curves without loops
- Shorter approaches

#### **Common Features of All:**

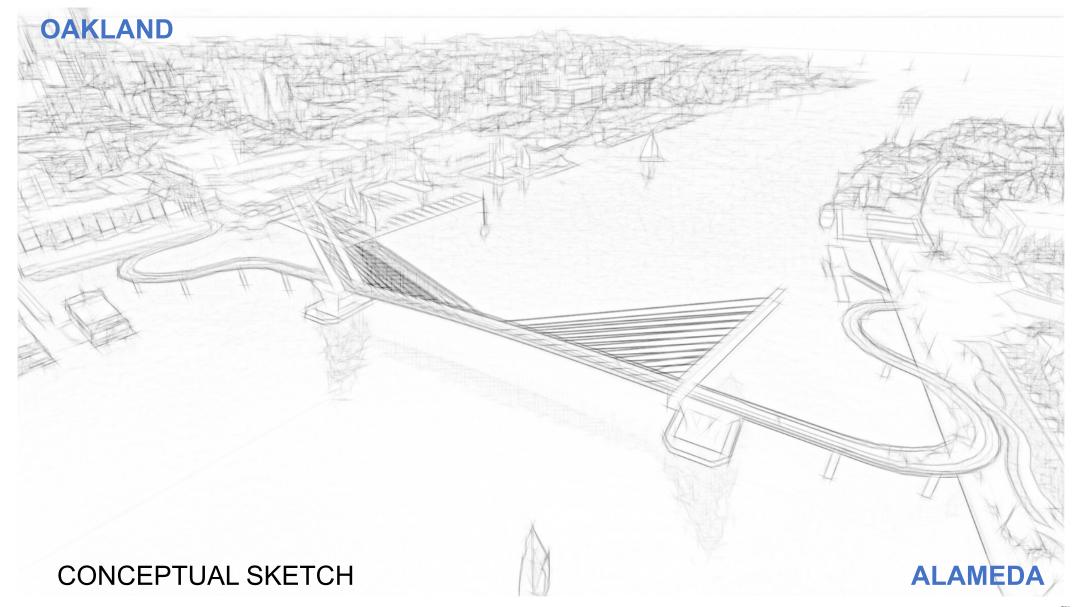
- 40' above water (vertical clearance)
- 400' span (horizontal clearance)







# Washington-Fifth

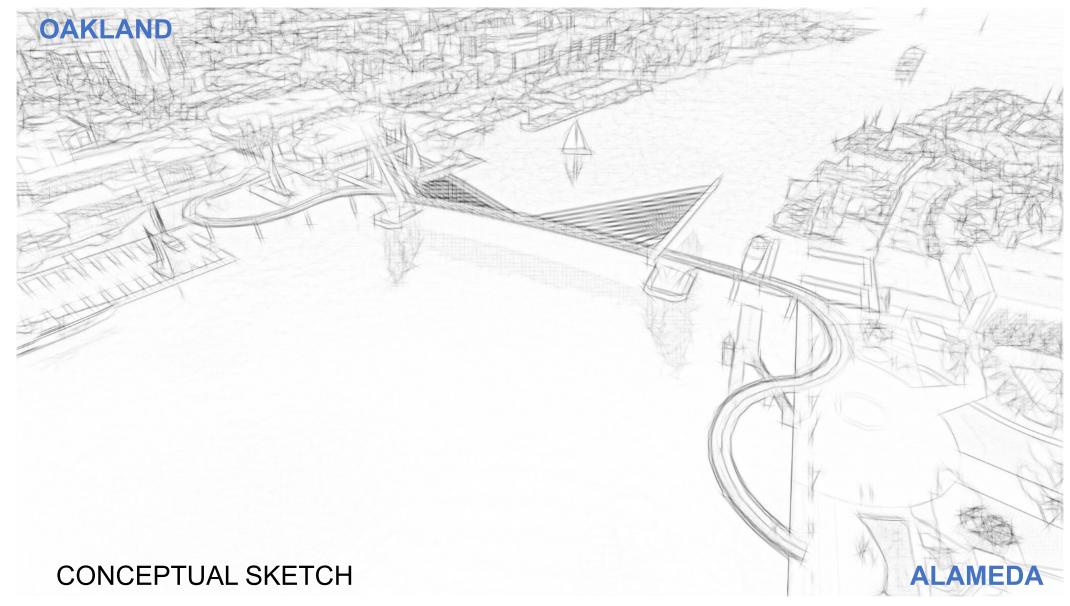








# **Broadway-Fifth**

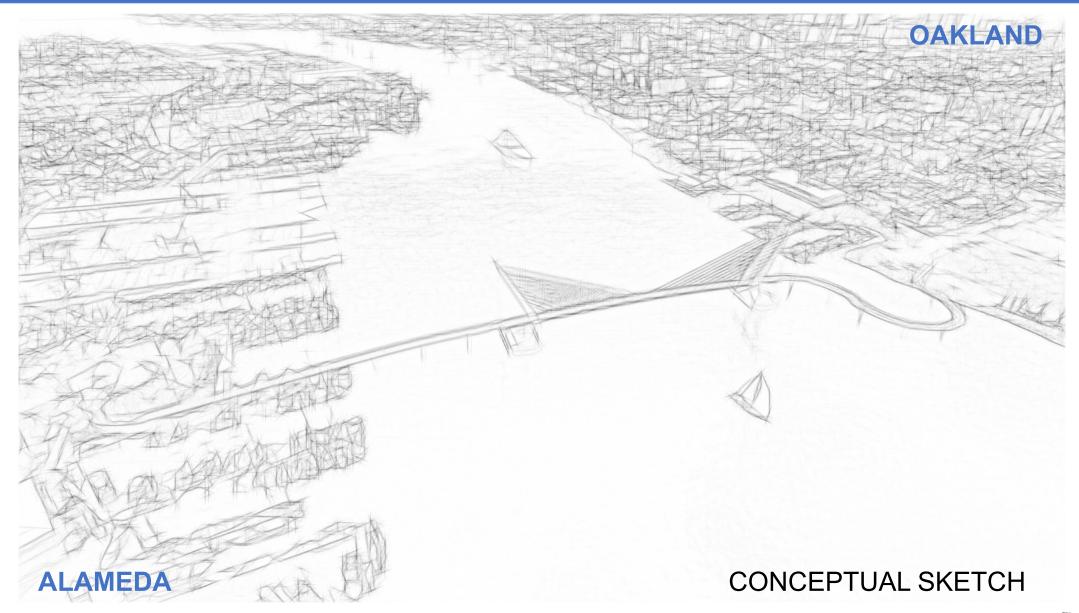








# Estuary Park-Alameda Park









### Overall project schedule

2031 and beyond 2022 - 2024 2024 - 2027 2028 - 2030 PS&E PID **PAED** Construction We are here **♦ TAC, SAC, EAC, public meetings** ◆ Identify CEQA/NEPA Lead ◆ Complete PID (Spring 2024) Waterway Study Public Meeting(s) **Draft Circulation of Environmental Document Complete Project Report/Prelim Design Outreach updates** ◆ Acquire Right of Way **Secure Permits** Opening Day Final Design Funded Unfunded









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