

Oakland-Alameda Estuary Bridge

A New Bicycle-Pedestrian Connection



estuarybridge.org



A growing region in need of better access





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

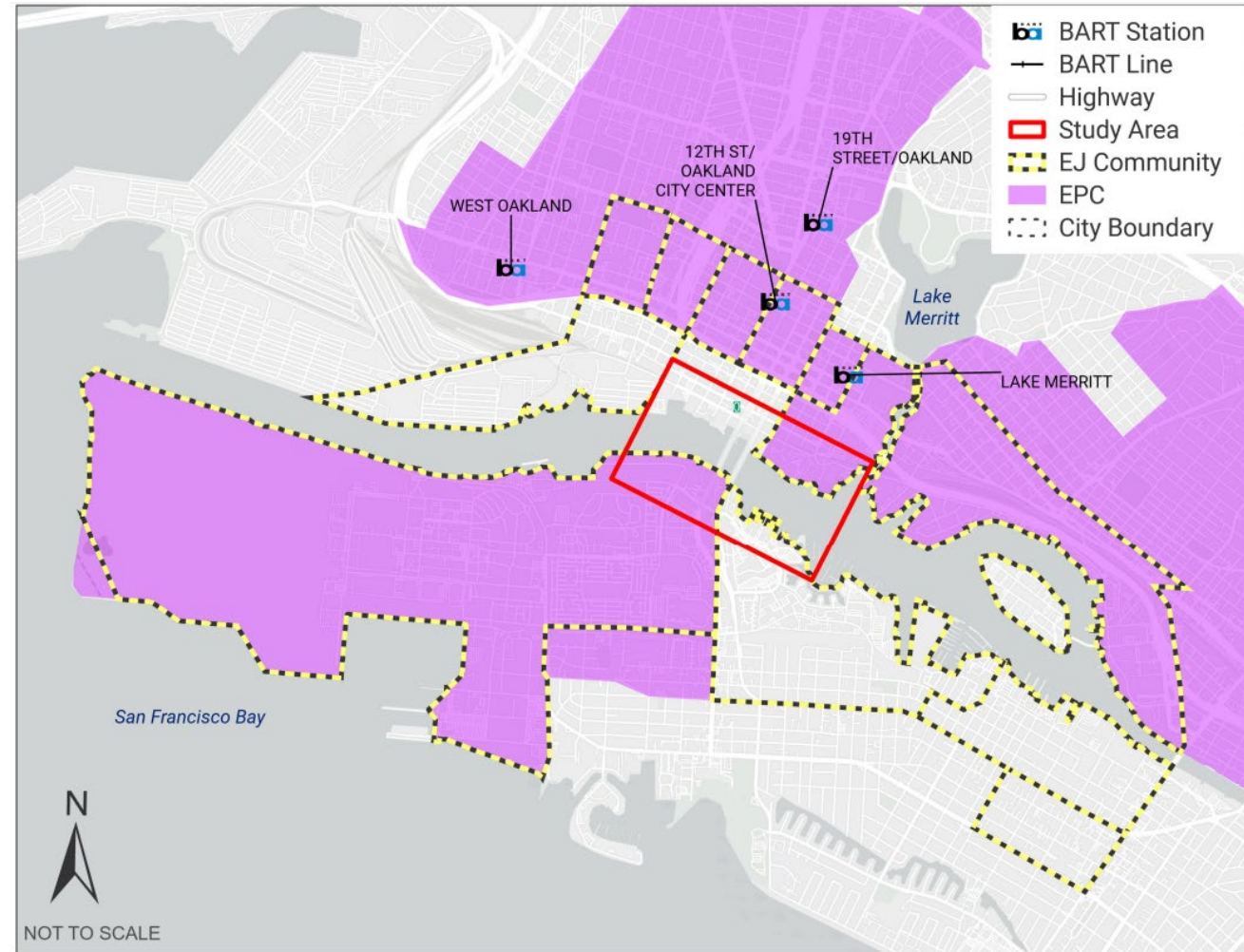
- Extremely narrow path (3')
- Loud noise from adjacent traffic
- Unpleasant
- Inadequate

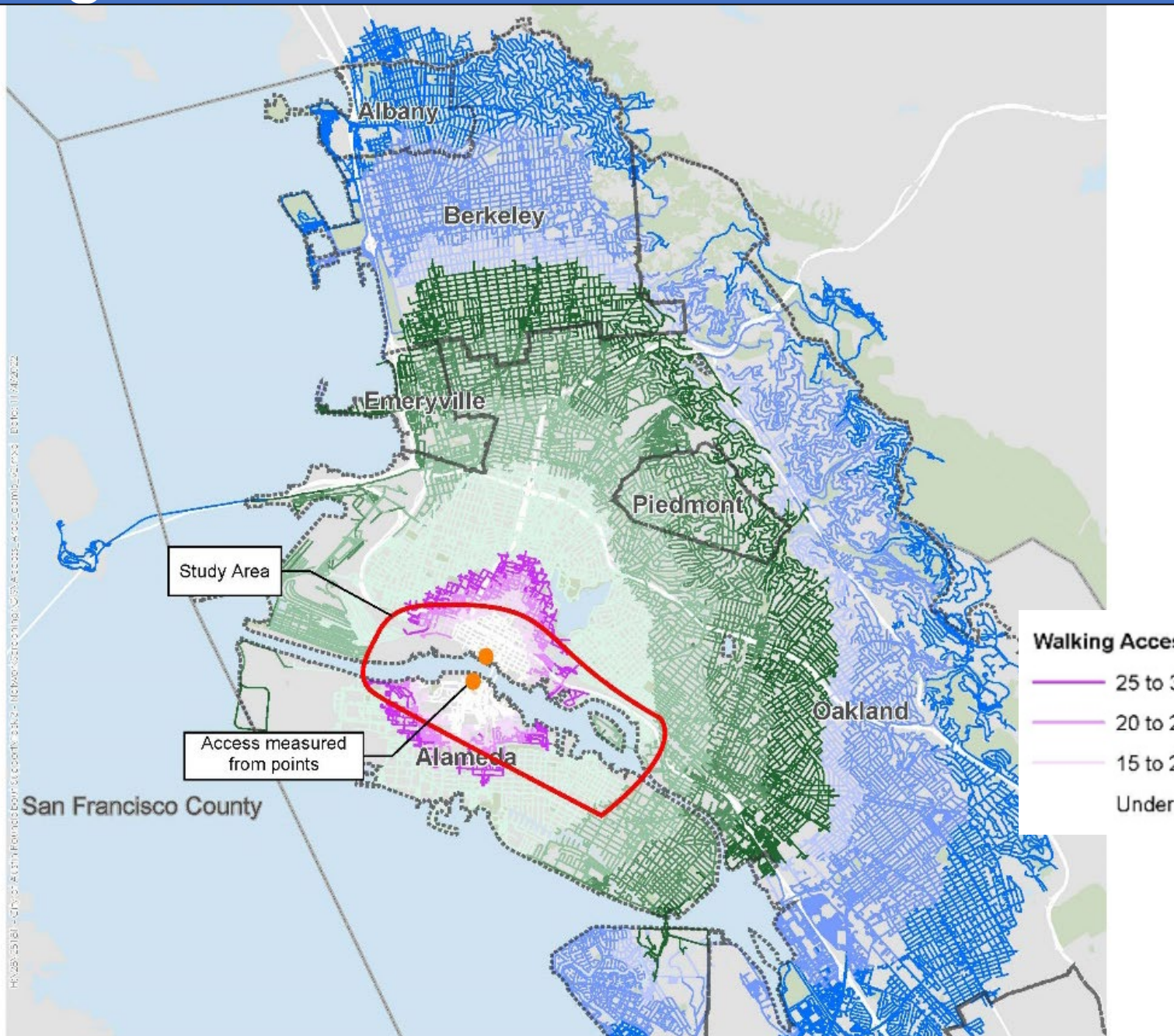
Posey Tube - 0.83 miles

60'

4.5% Slope

- **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



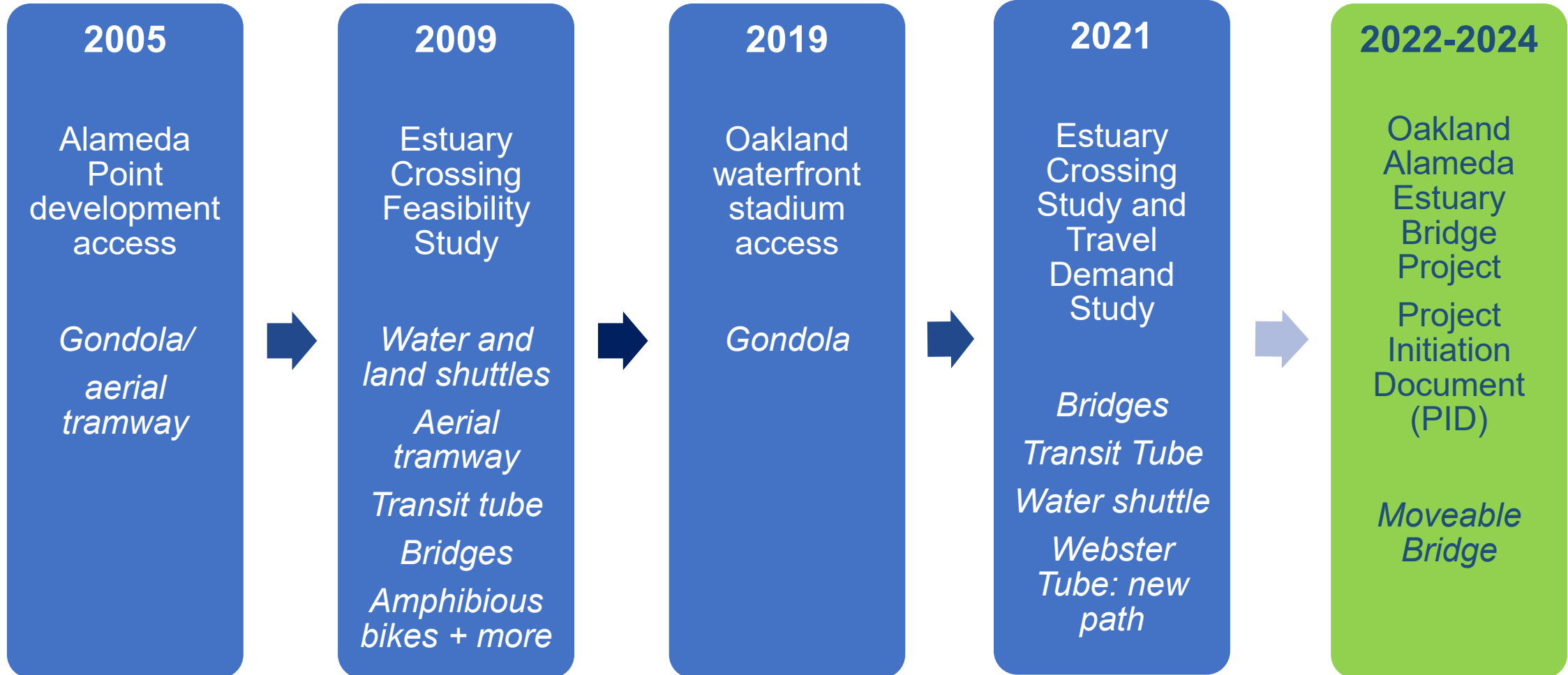


- More access for people walking and biking

Walking Access (2.73 mph)	Bike Access (10 mph)	E-Bike Access (16 mph)
25 to 30 minutes	25 - 30 minutes	25 - 30 minutes
20 to 25 minutes	20 - 25 minutes	20 - 25 minutes
15 to 20 minutes	15 - 20 minutes	15 - 20 minutes
Under 15 minutes	Under 15 minutes	Under 15 minutes

FILE:///C:/Users/Alameda/Downloads/20220815_163016/MapAccess/MapAccess_WebMap_v20220815.html - 8/15/2022





Key Planning Considerations:

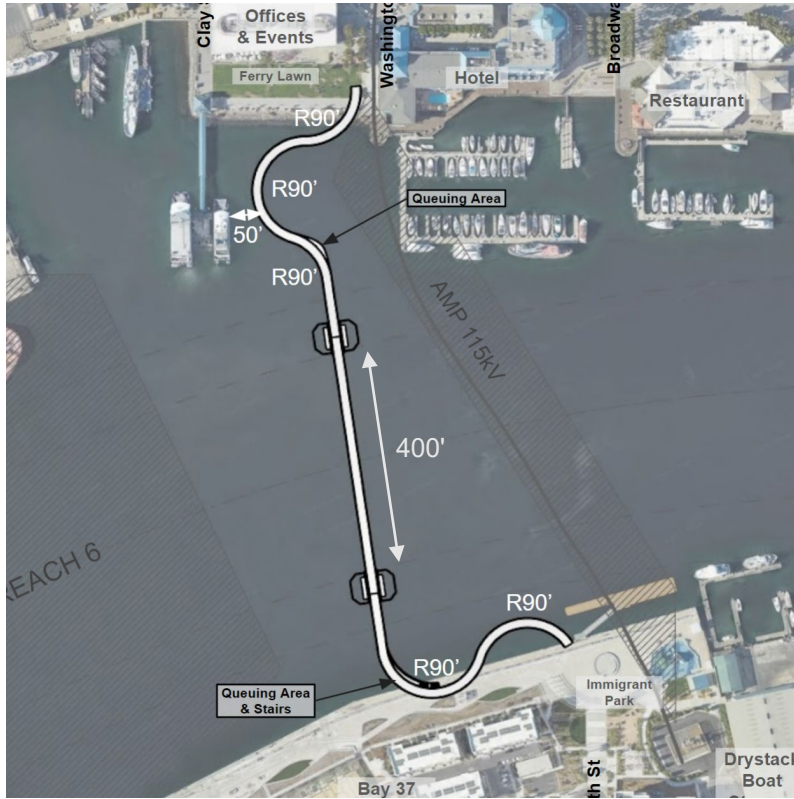
1. **Usage.** Excellent connections, short approaches, and a small grade change
 - Higher usage
2. **Waterfront Compatibility.** Shorter approaches and smaller towers
 - Less impacts and more opportunities to complement existing waterfront uses
3. **Maritime Traffic.** Greater clearance over the water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



Top 3 alternatives



Washington-Fifth



Broadway-Fifth



Estuary Park-Alameda Park



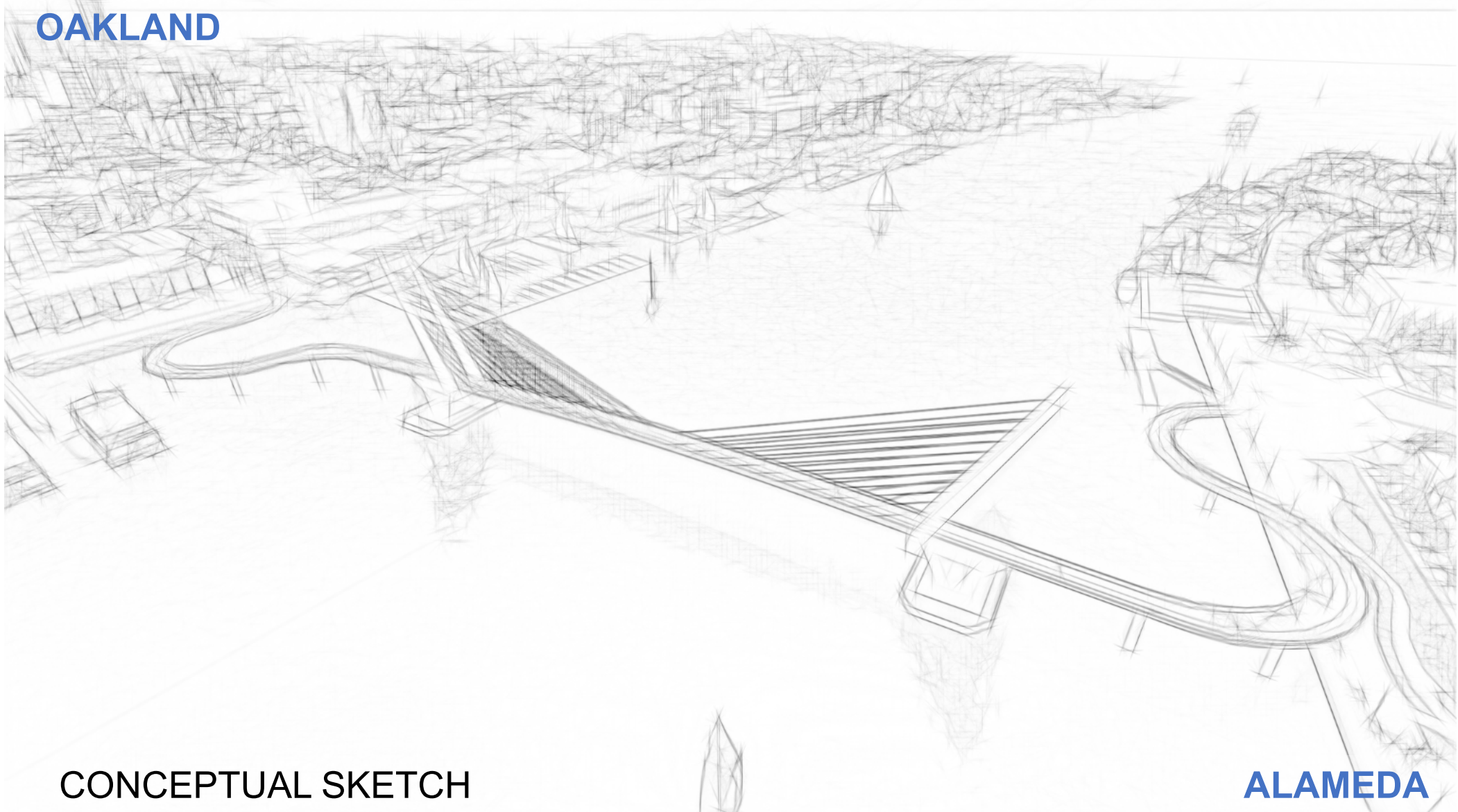
All Scored Relatively High:

- 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)

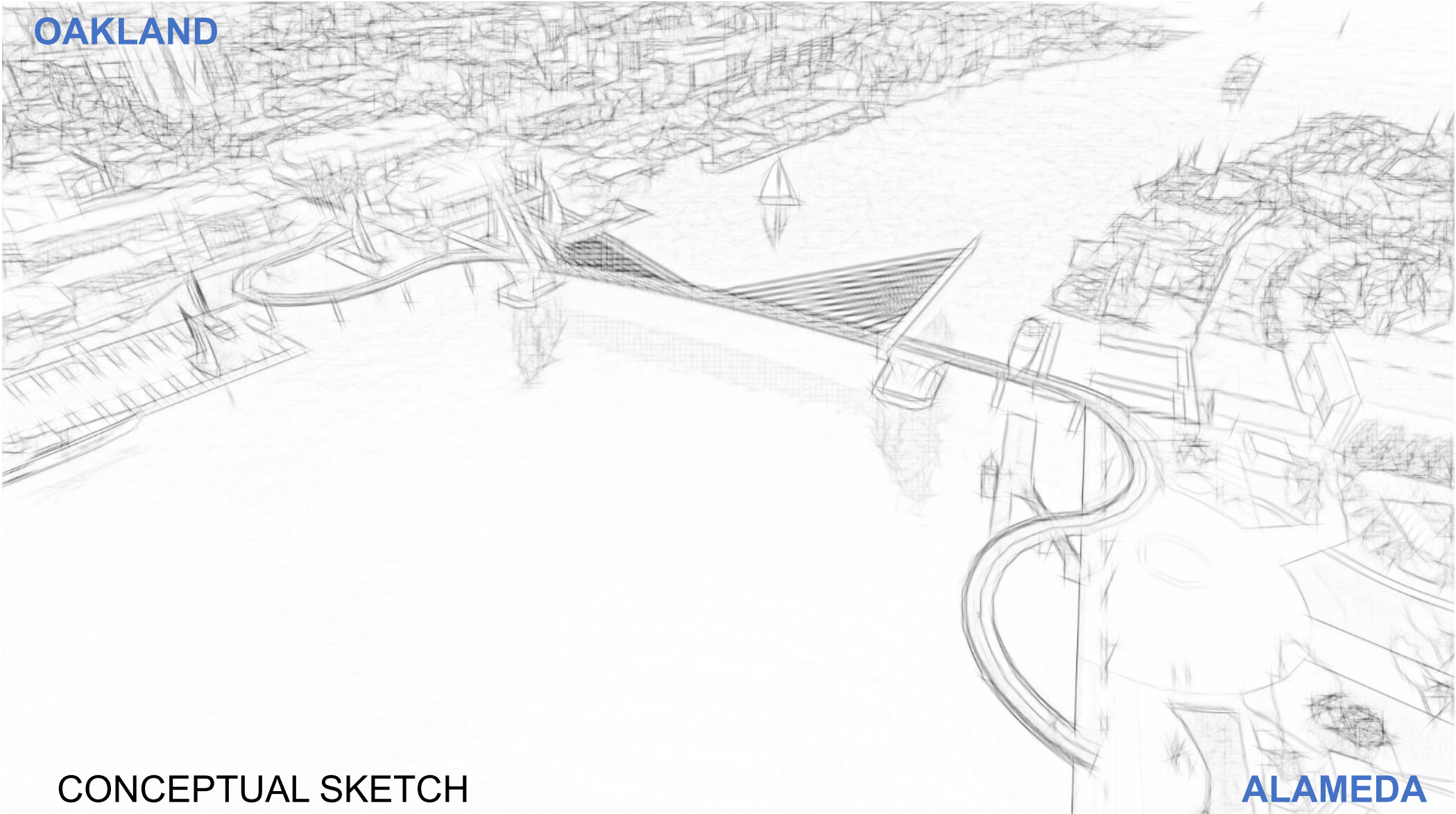
OAKLAND



CONCEPTUAL SKETCH

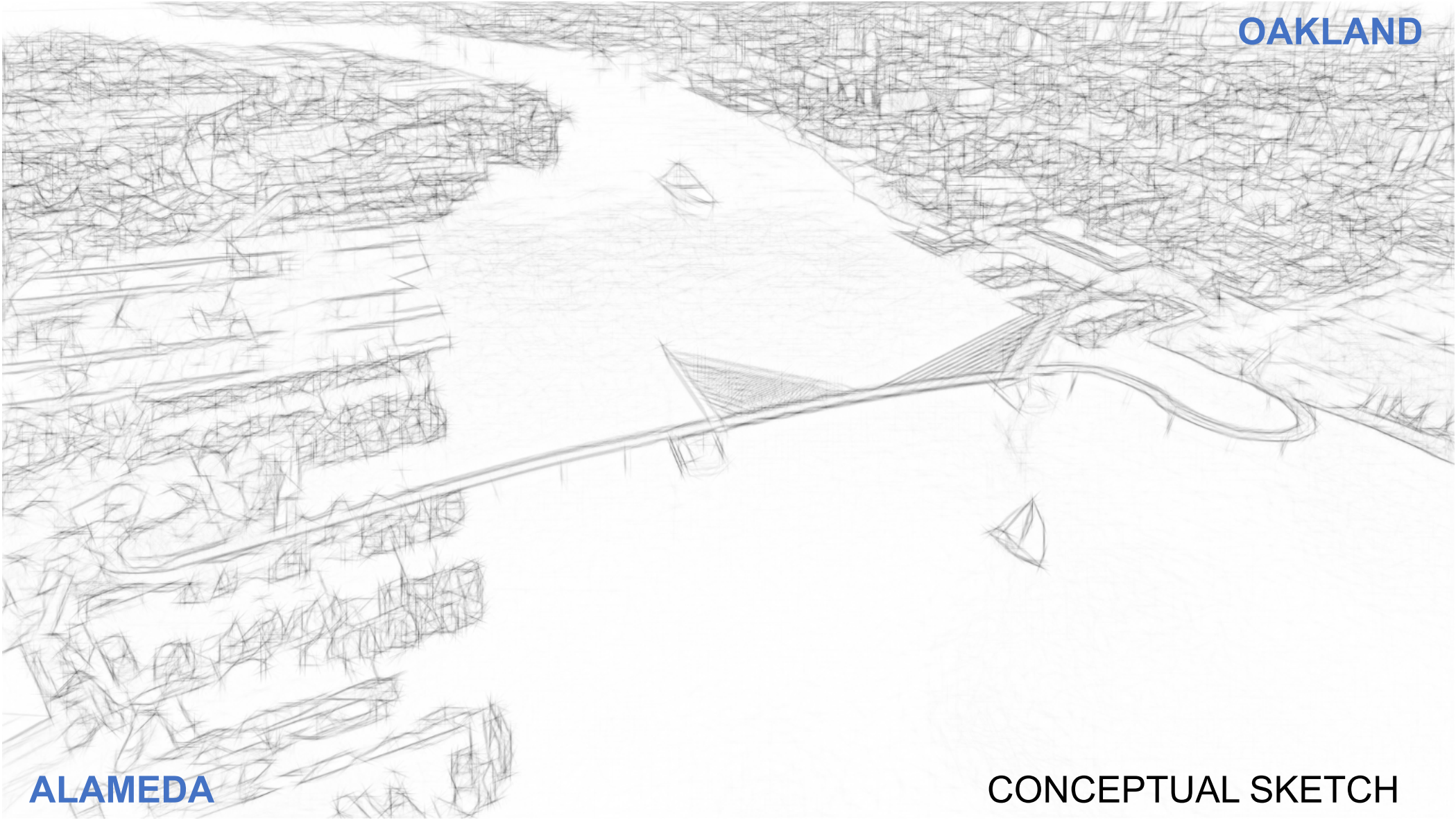
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CONCEPTUAL SKETCH





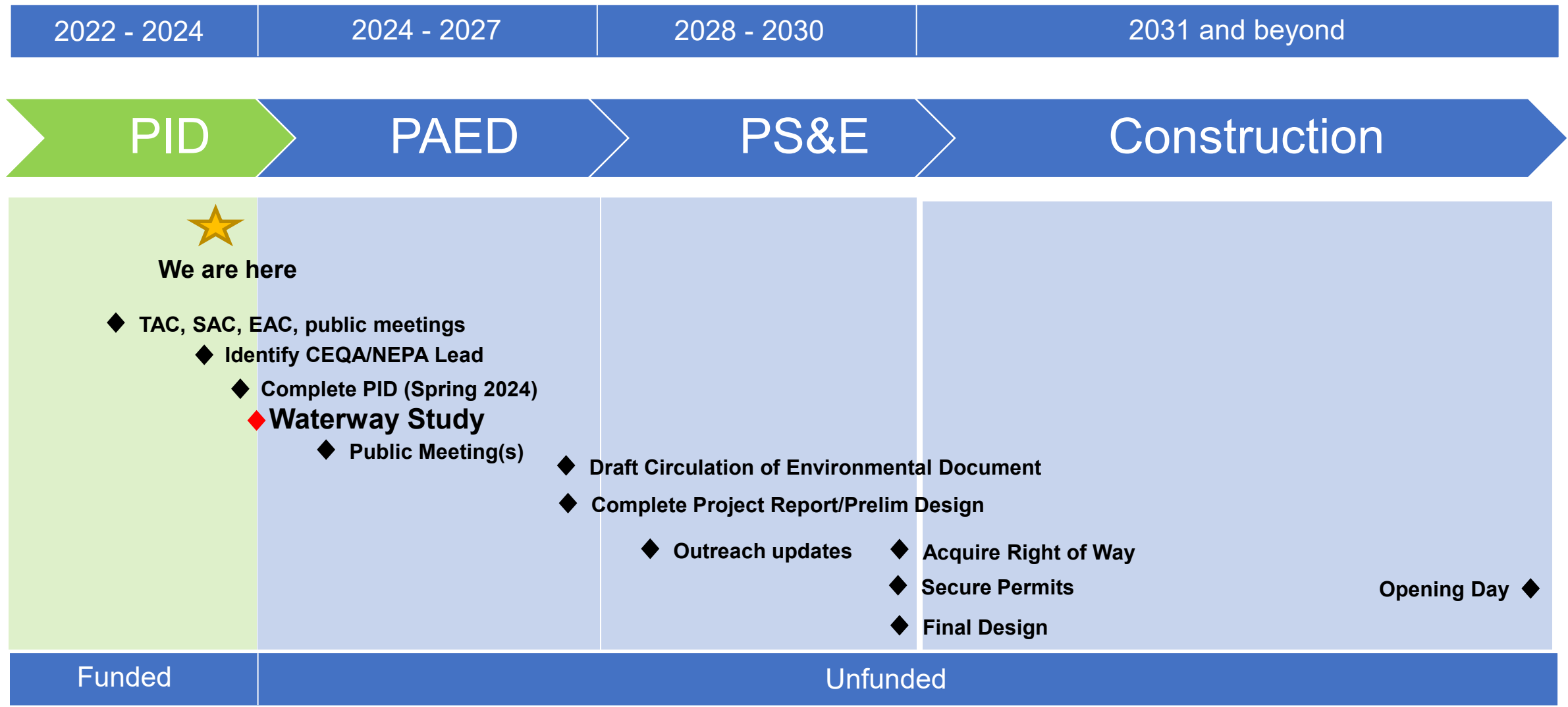
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CONCEPTUAL SKETCH



Overall project schedule





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