



CALIFORNIA DEPARTMENT OF
WATER RESOURCES

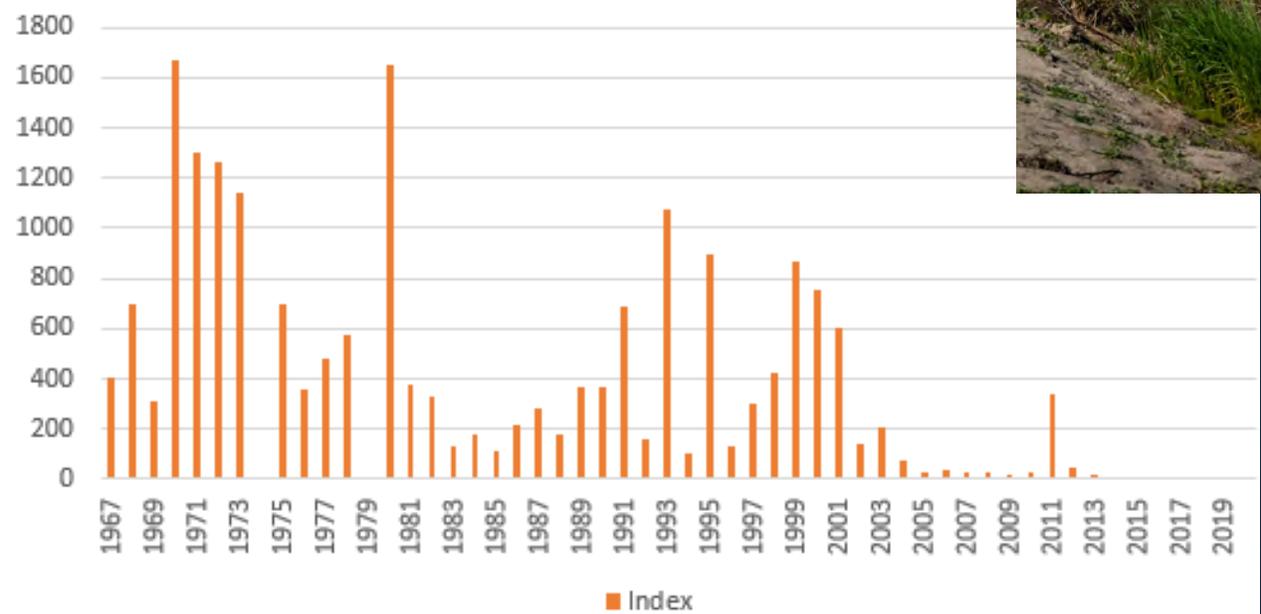
Lookout Slough Tidal Habitat Restoration & Flood Improvement Project

Delta Stewardship Council Hearing
July 15, 2021

Opening Remarks



Delta Smelt Abundance Index
Fall Midwater Trawl Survey, 1967-2020
(0 fish captured in 2018, 2019, and 2020)



Best Available Science & Substantial Evidence Standard



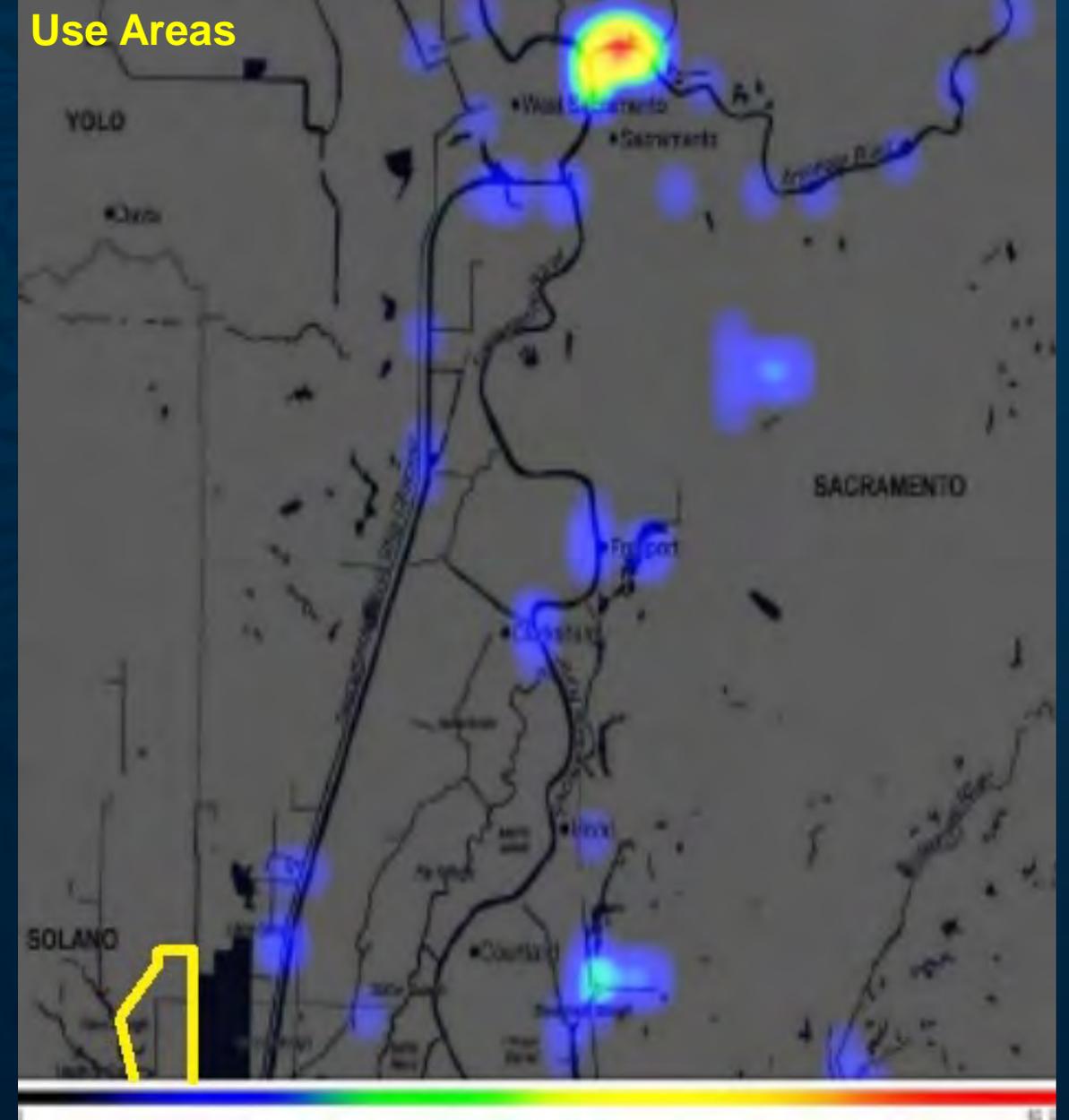
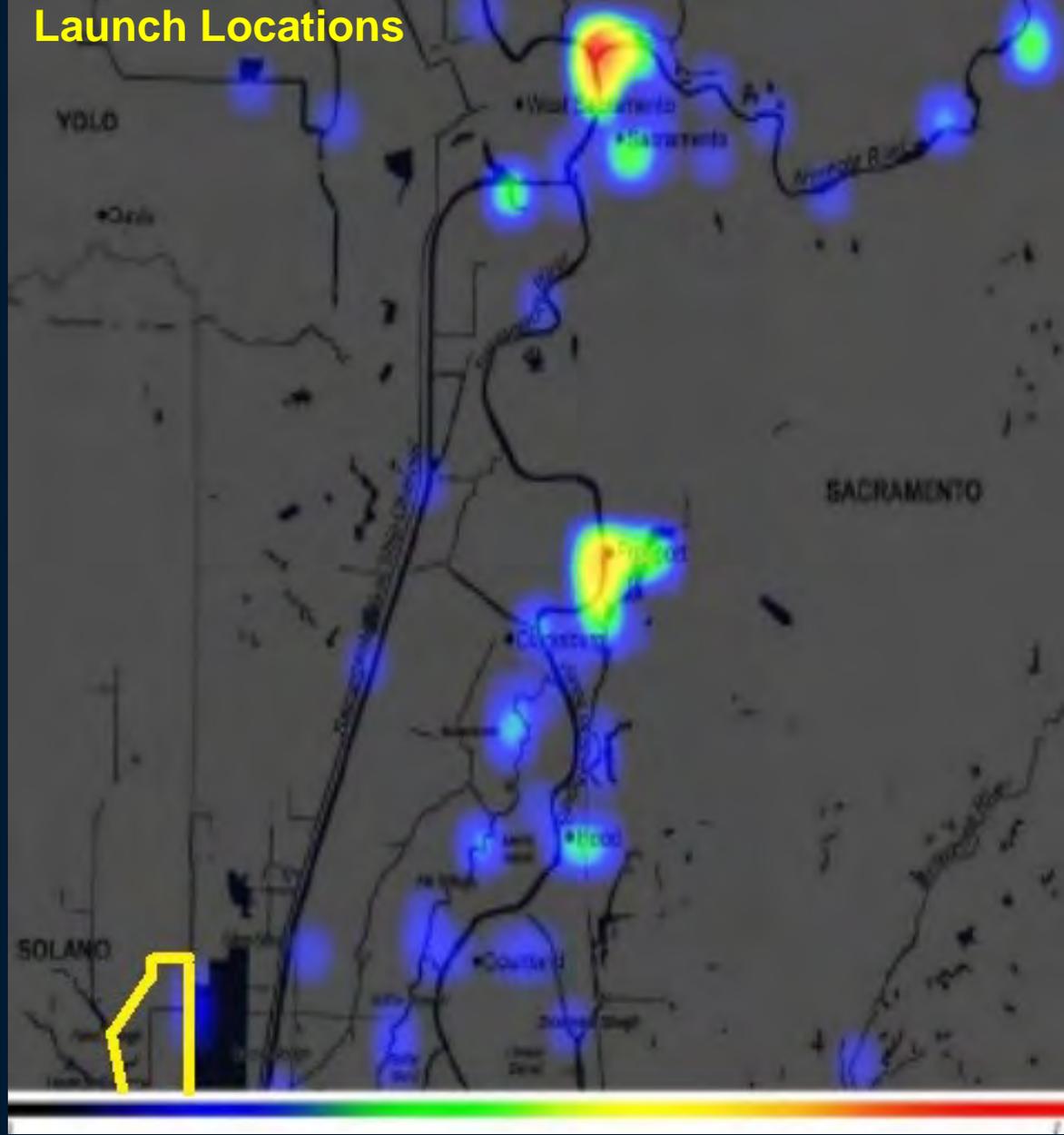
Recreational Use Surveys/Data

- 6 sources of data collected by federal and state agencies:
 - CA State University, Sacramento (CSUS) for Delta Protection Commission (2019)
 - CA Delta Chamber of Commerce (2019)
 - National Marine Fisheries Service/NOAA (2018)
 - CSUS for Delta Protection Commission (2017)
 - CA Department of Parks and Recreation (2014)
 - Delta Stewardship Council (2013)

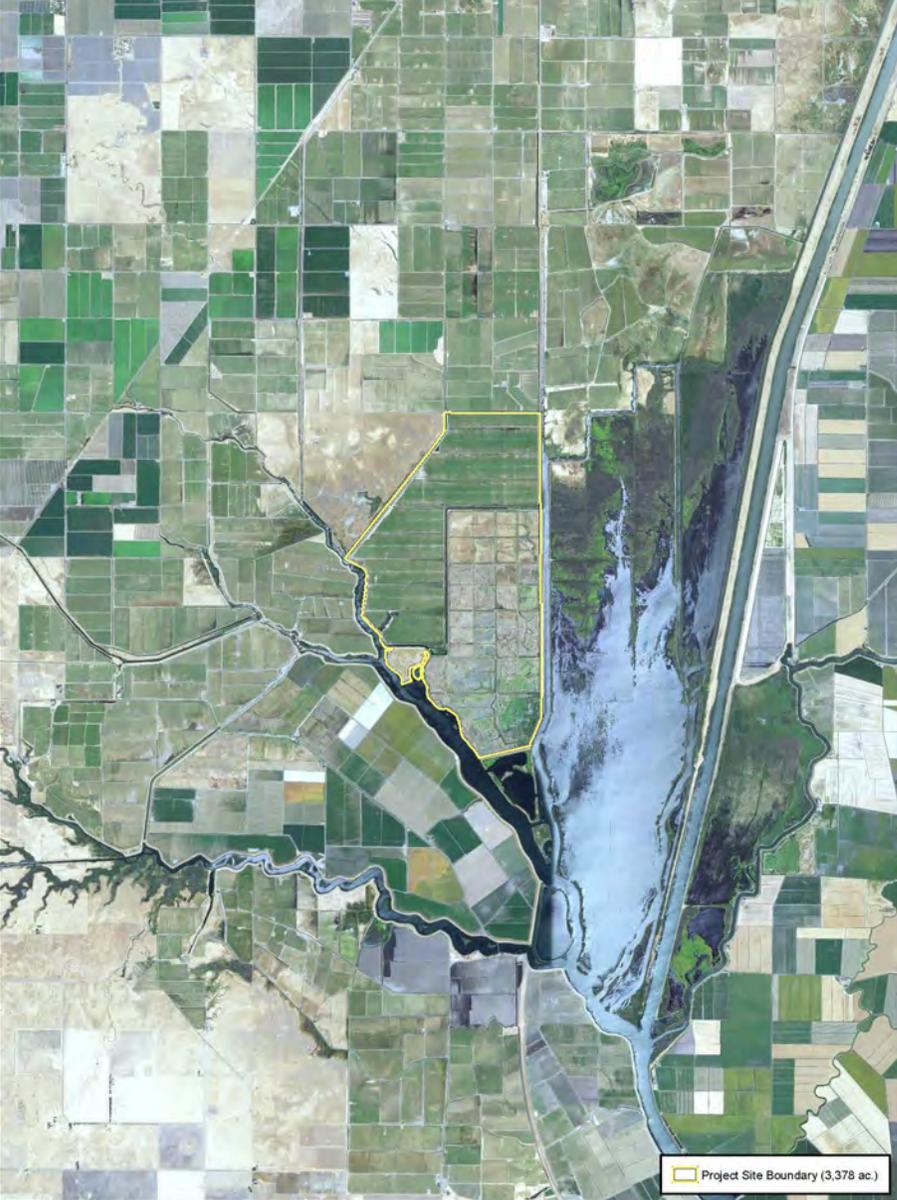
CA State University, Sacramento Studies

- Methods were designed to be **inclusive**:
 - Used a statewide sample of boater registrations
 - Weighted the sample to emphasize boaters in or near the Delta
 - Supplemented with focus groups that targeted difficult to reach populations

2017 Study: Non-motorized Boating Use



Respecting Local Land Use/Siting



LIER: No Facilities

Recreation

History

Recreational Opportunities



Activities: fishing (from boat or shore), waterfowl hunting, and wildlife viewing

No access fee

Boat-in users are advised to be extremely cautious while accessing the reserve. Because the island was a fully functional farm before it was suddenly flooded, there may be hazards beneath the water. While much of the island is completely flooded, it still remains fairly shallow.

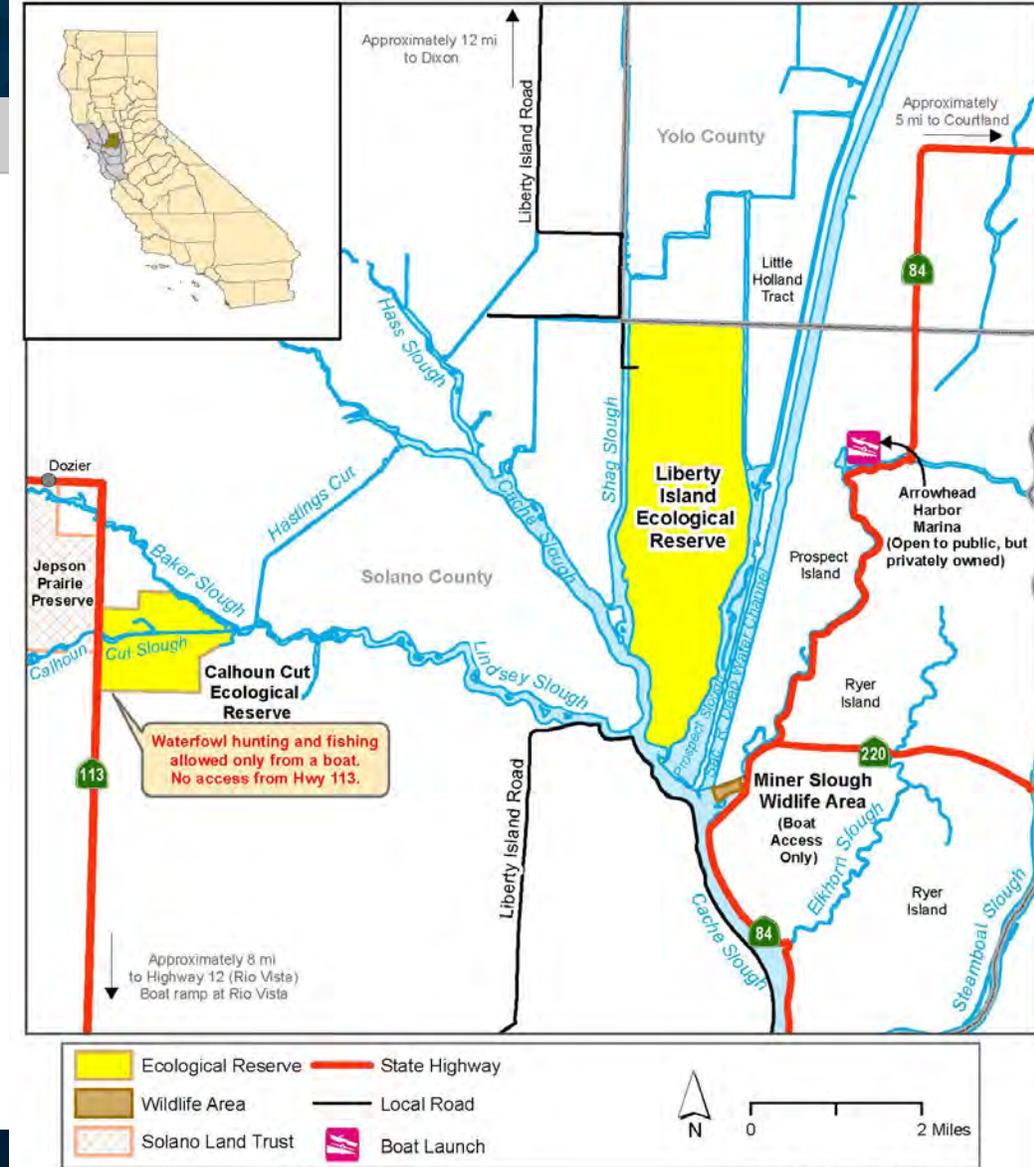
Hunting: Open to waterfowl hunting seven days per week during the regular waterfowl season. Hunters may use temporary floating blinds. Hunting blinds must be removed daily.

Facilities: None

NOTE: Visitors are responsible for knowing and complying with all regulations pertaining to the use of Department lands.

Please refer to the Public Uses on State and Federal Lands section of the [Waterfowl, Upland Game, and Public Use Regulations \(PDF\)](#) booklet for both statewide and property-specific regulations. A searchable [Property-specific regulations table](#) is also available online.

California Department of Fish and Wildlife Bay Delta Region LIBERTY ISLAND ECOLOGICAL RESERVE Solano County



Project Goals

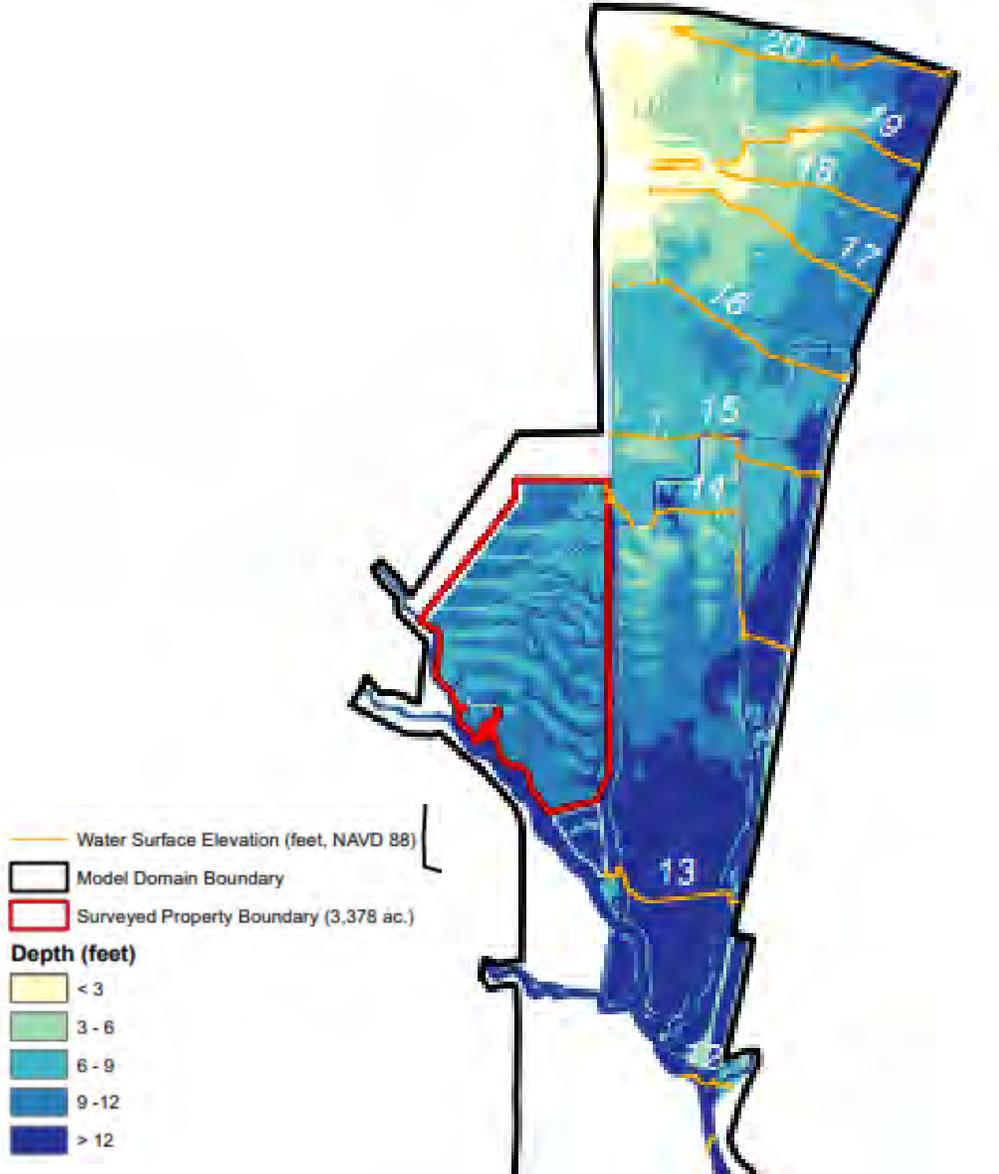


Habitat Restoration



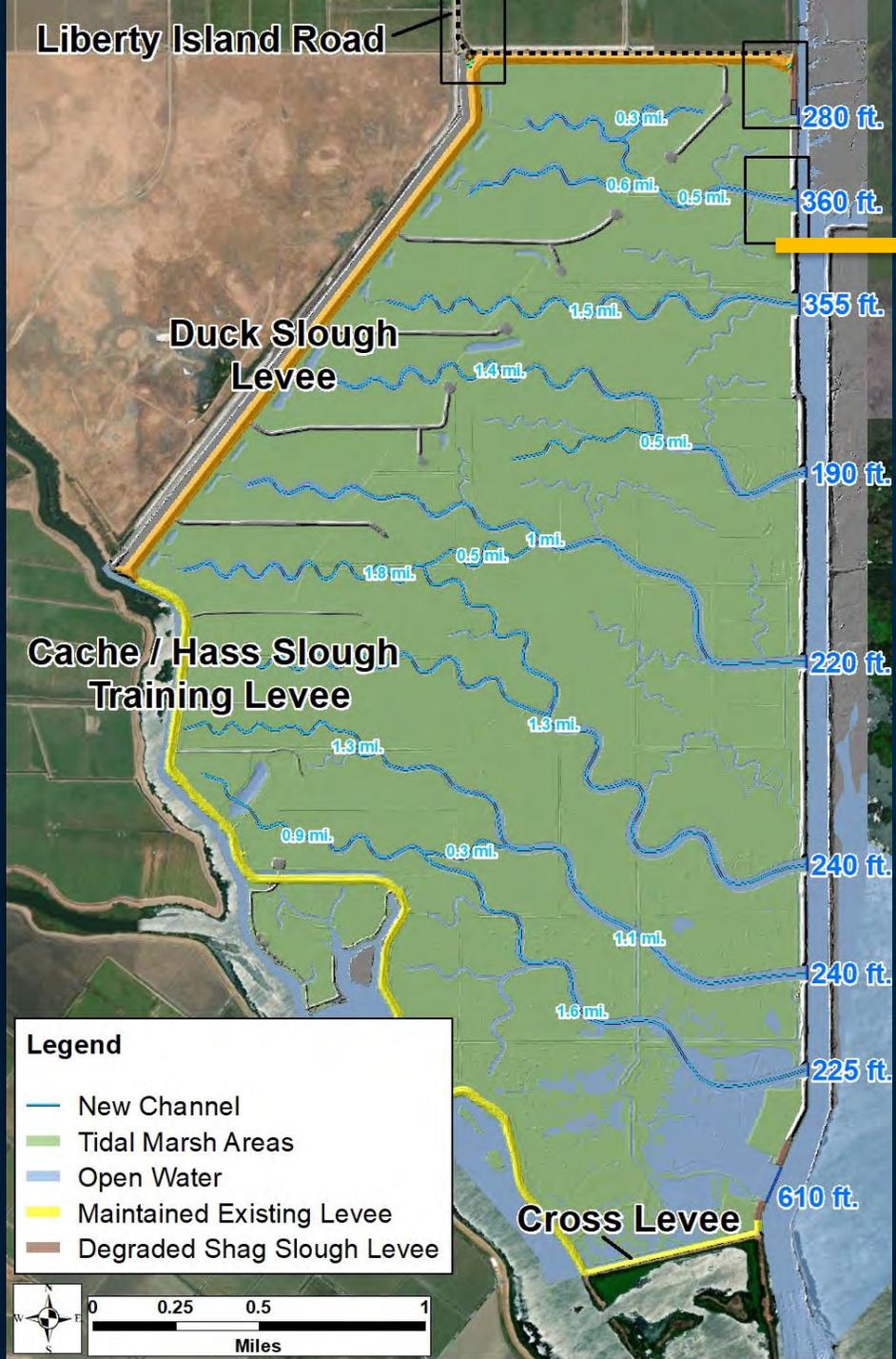
Flood Protection

Design & Feasibility



Reducing Conflicts with Recreation





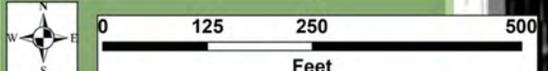
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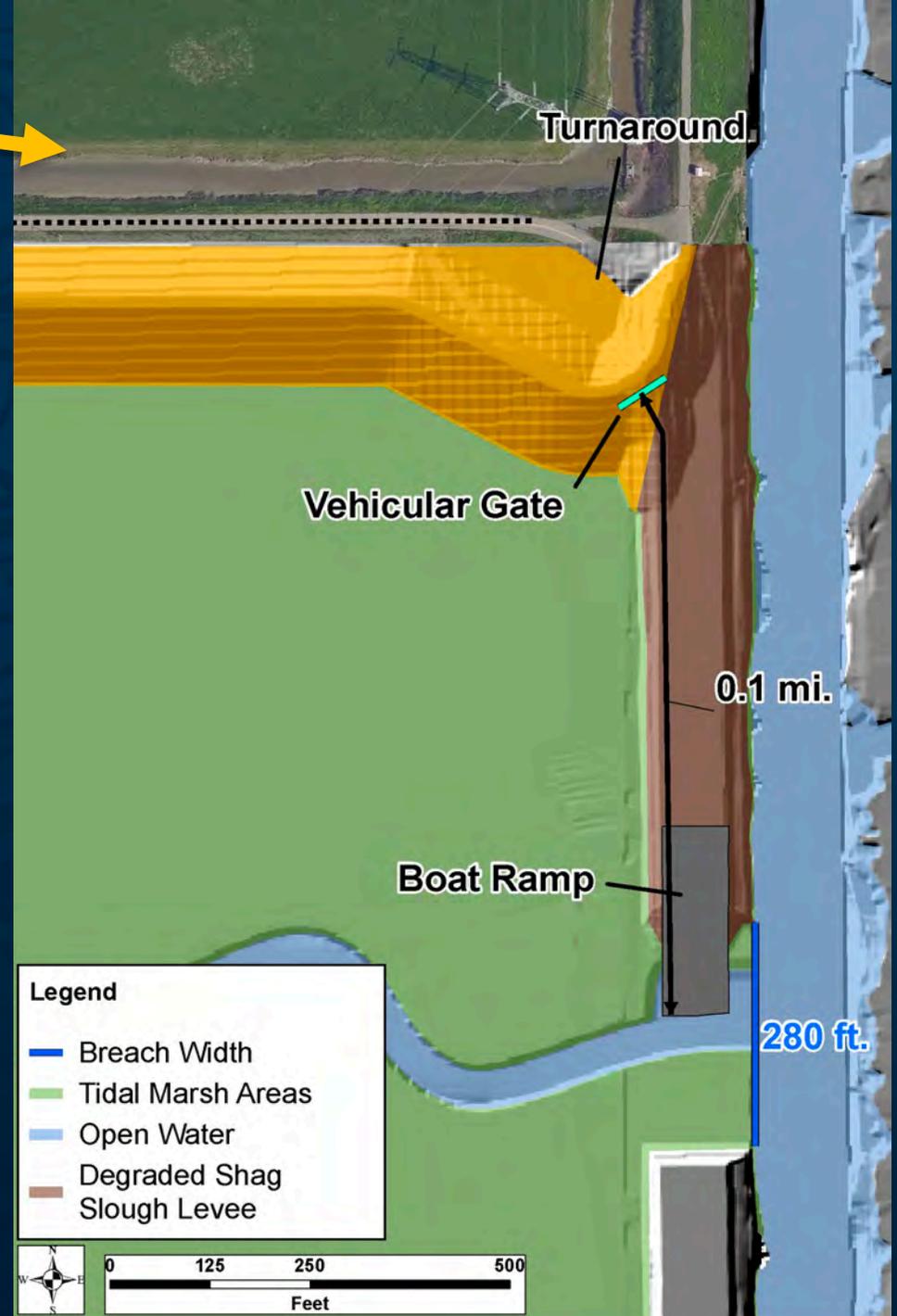
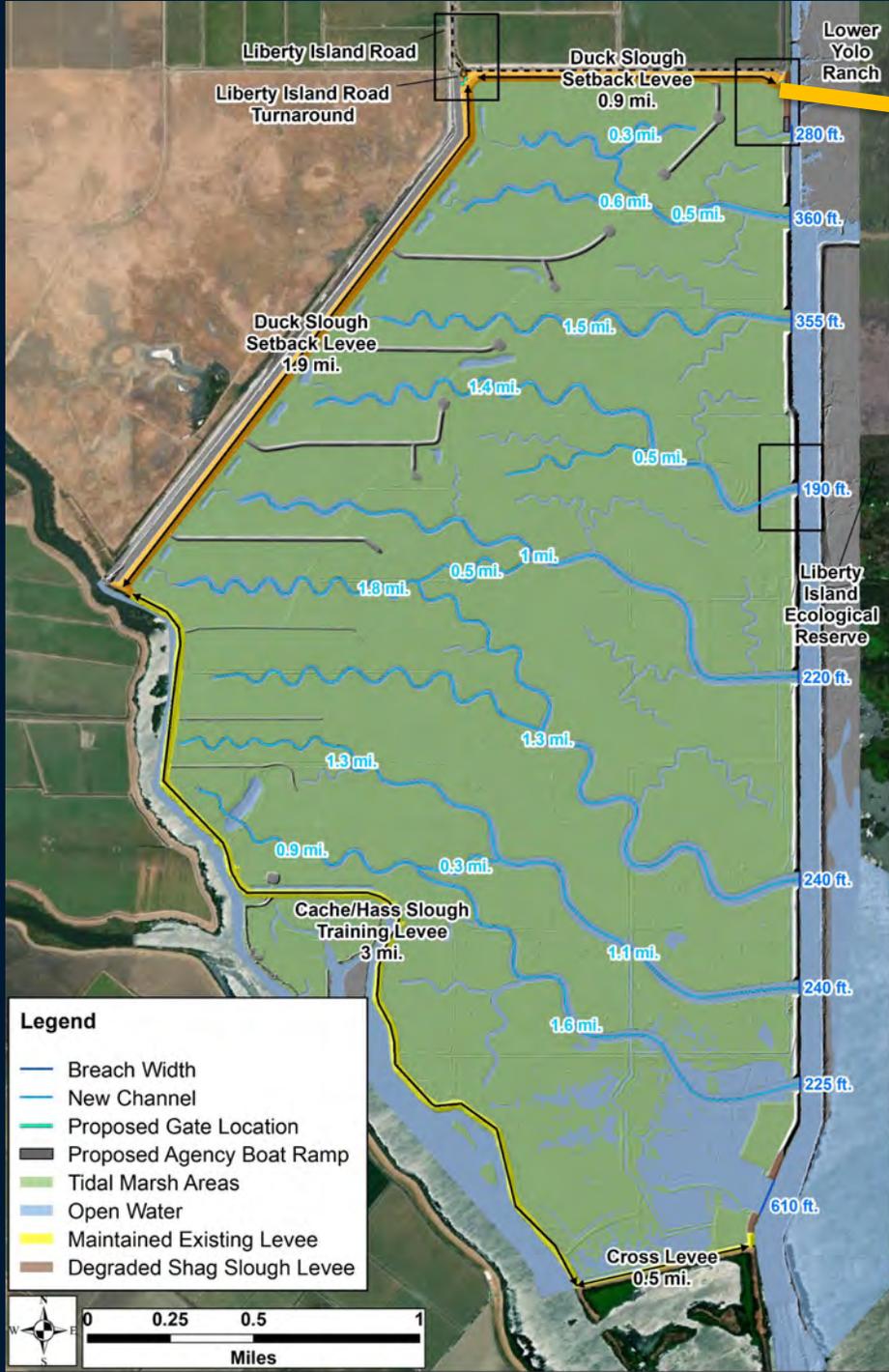
- New Channel
- Tidal Marsh Areas
- Open Water
- Maintained Existing Levee
- Degraded Shag Slough Levee



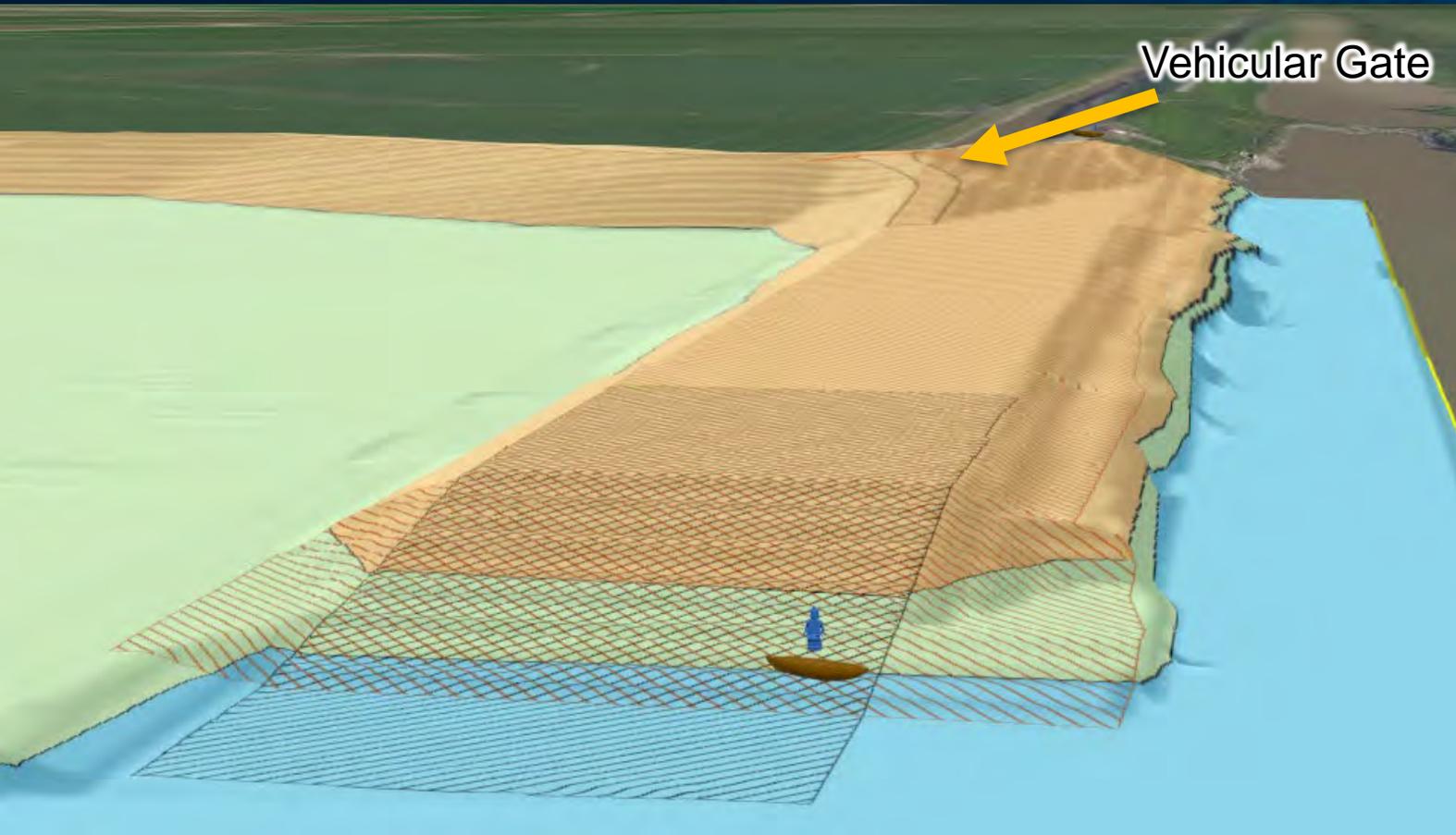
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- Breach Width
- New Channel
- Tidal Marsh Areas
- Open Water





Boat Ramp

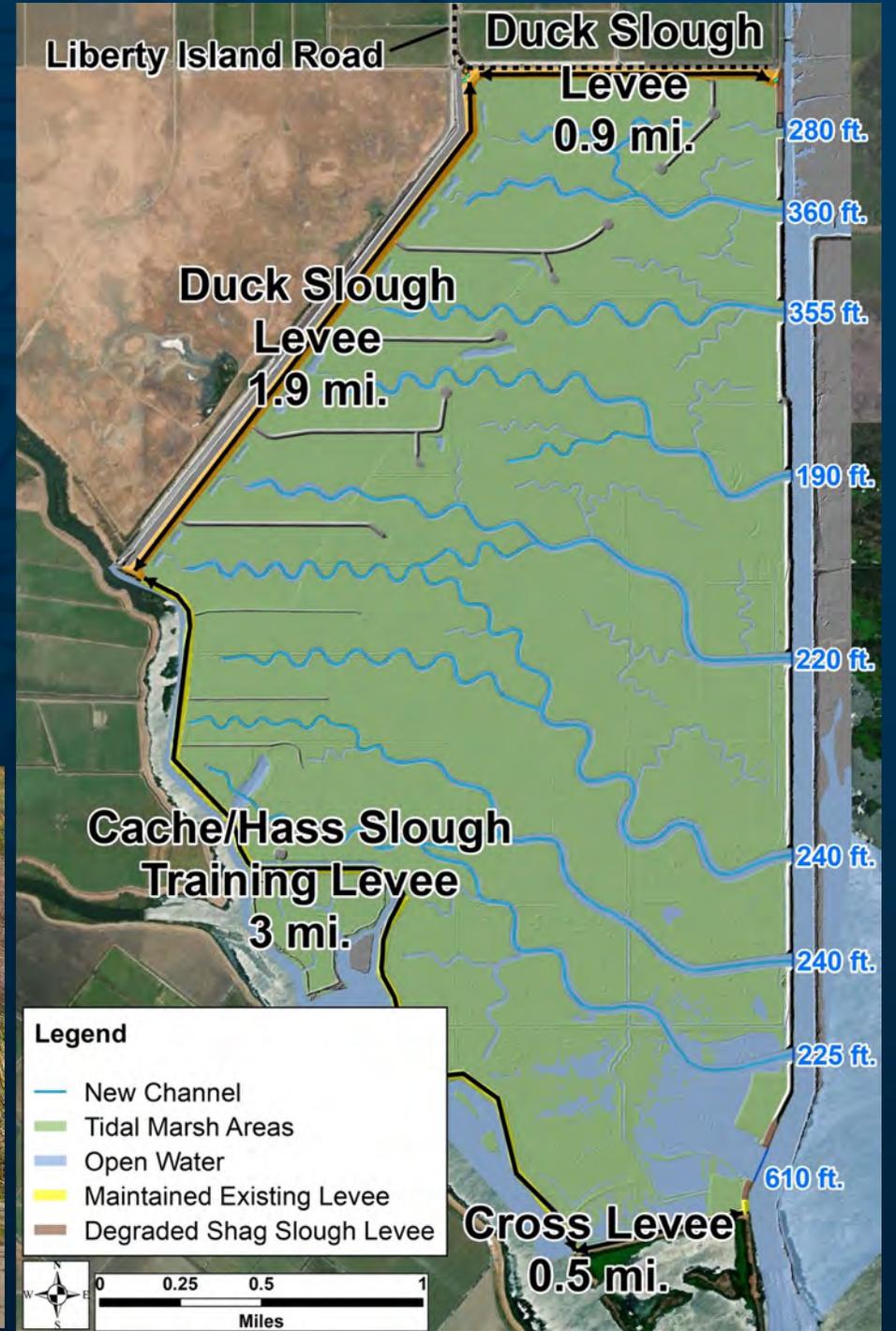


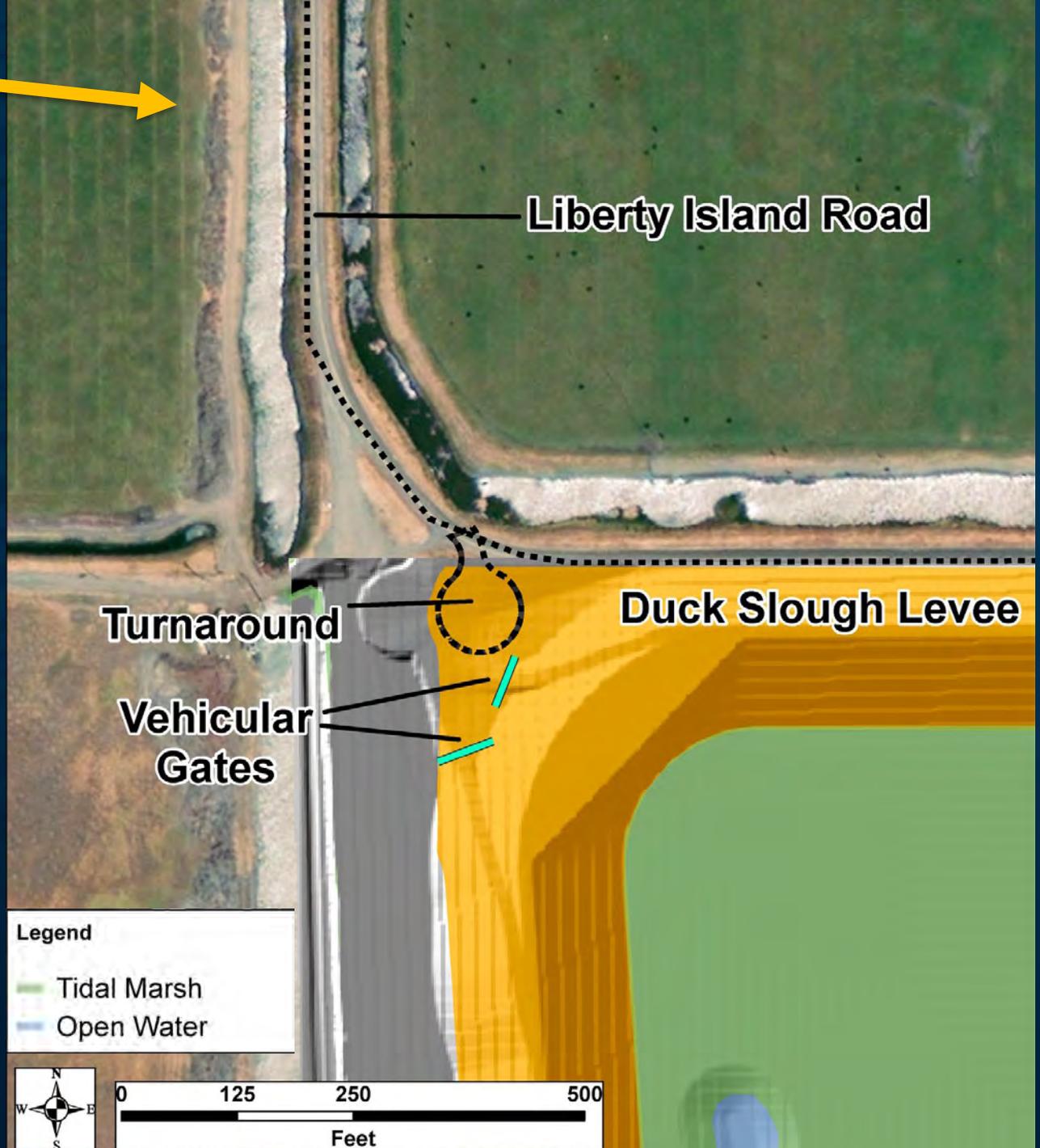
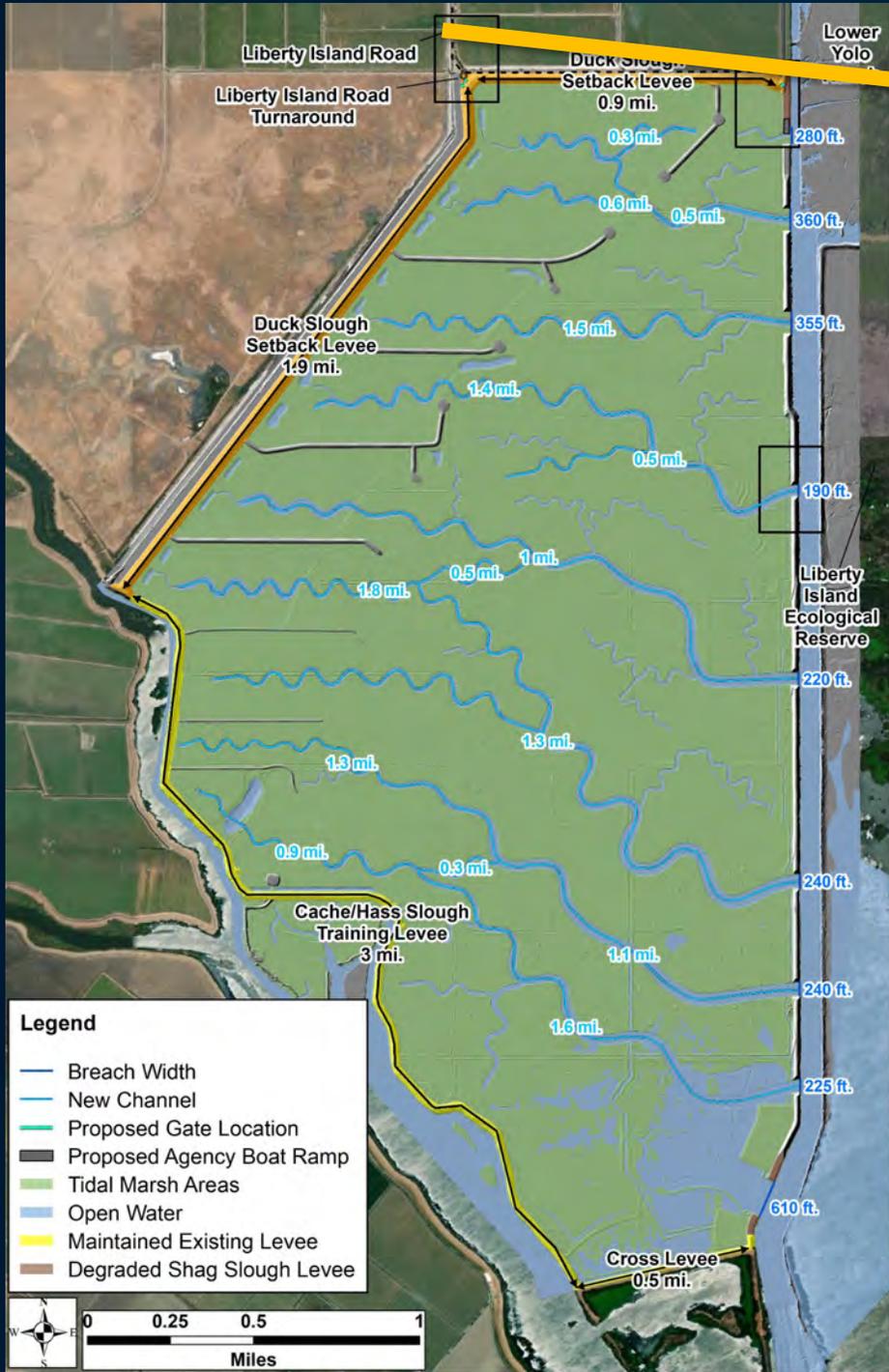
Boat ramp design figure

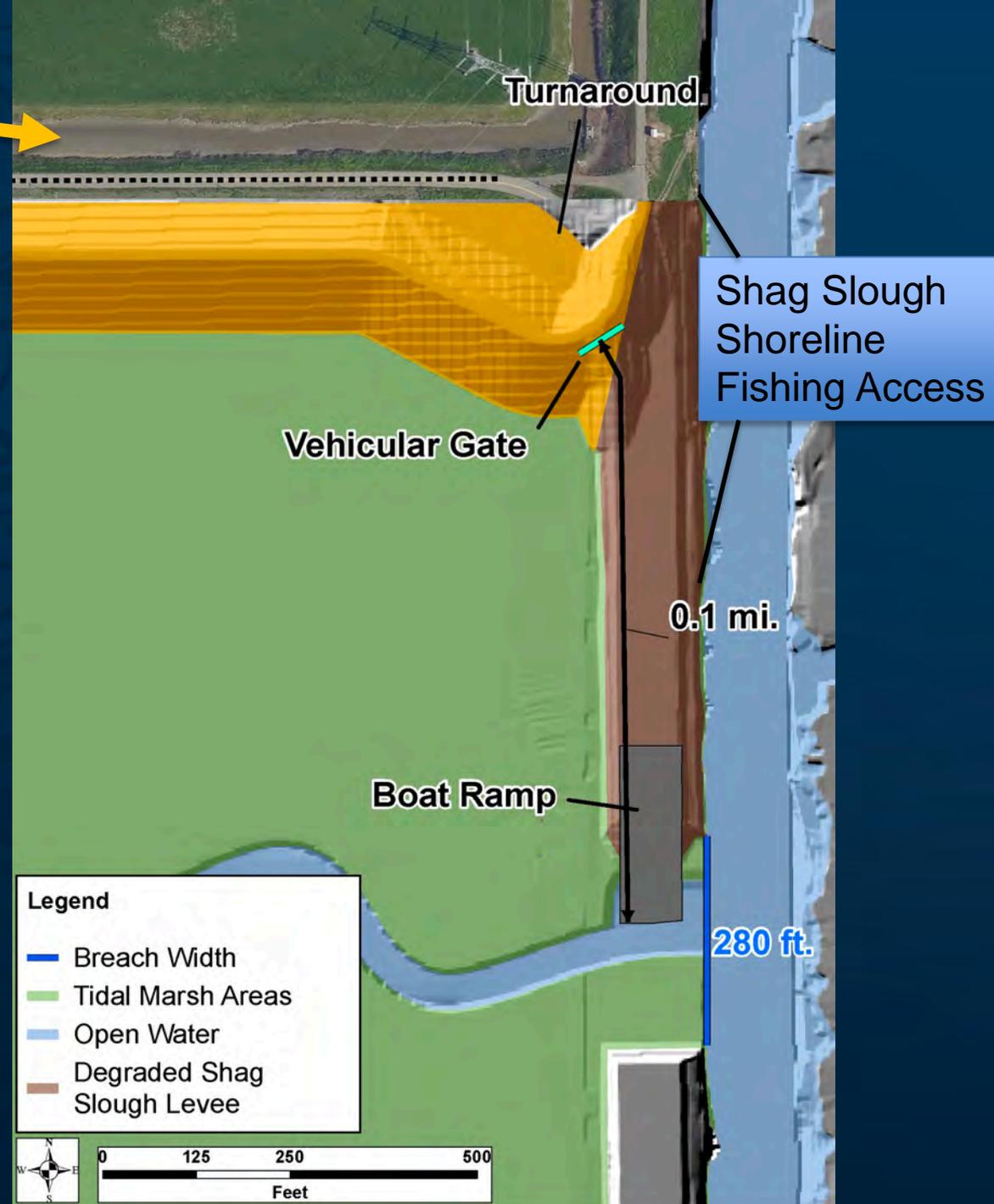
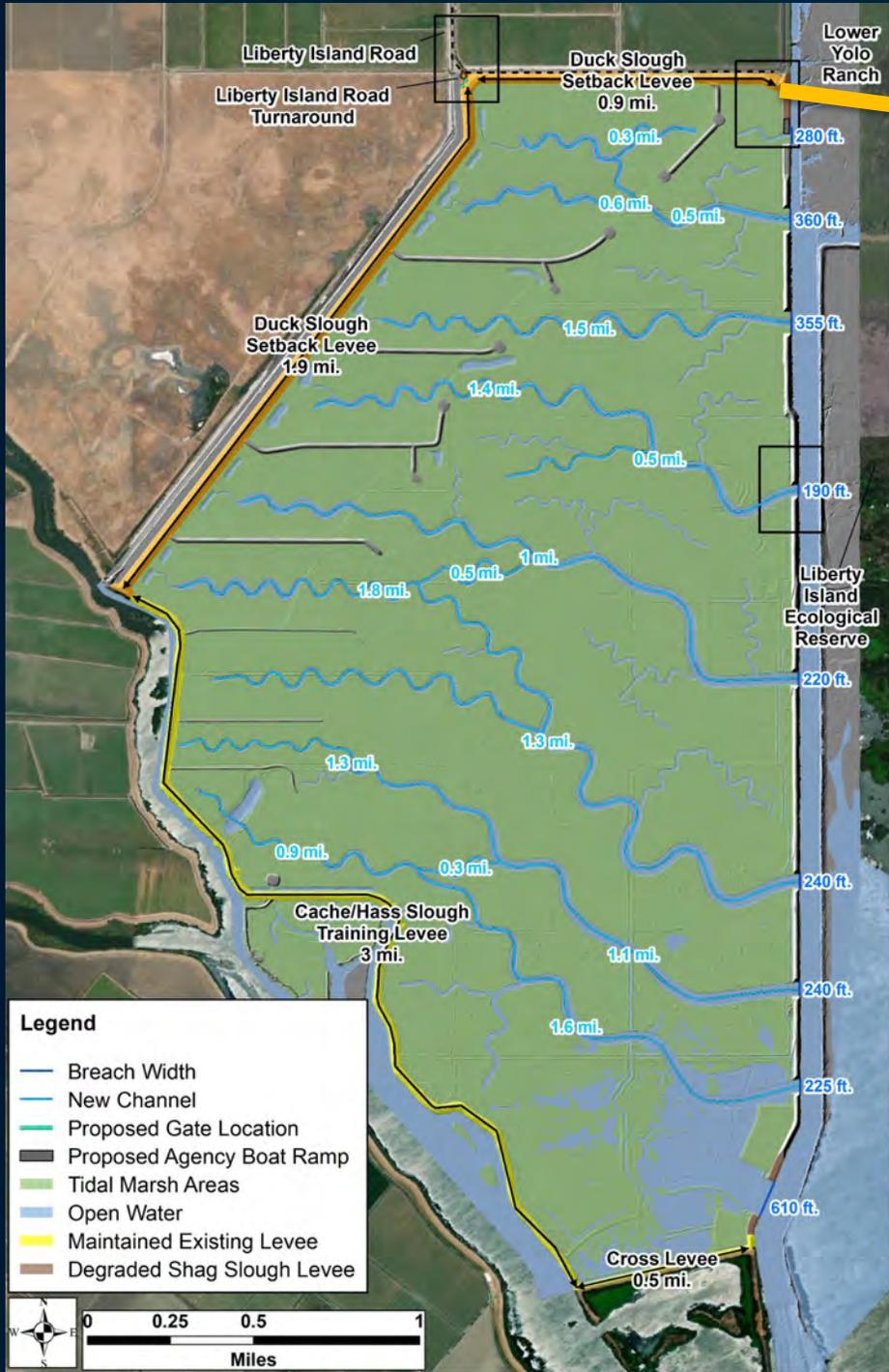
Example boat ramp constructed by DWR

Pedestrian Access

6.3 miles of levee accessible for public walking, hiking, birdwatching & sightseeing







Existing & Proposed



3 miles of unmaintained levees



6.3 miles of maintained levees



0.19 mile to unmaintained kayak launch



0.1 mile to maintained kayak launch