



Santa Clara Valley
Water District



Coastal
Conservancy

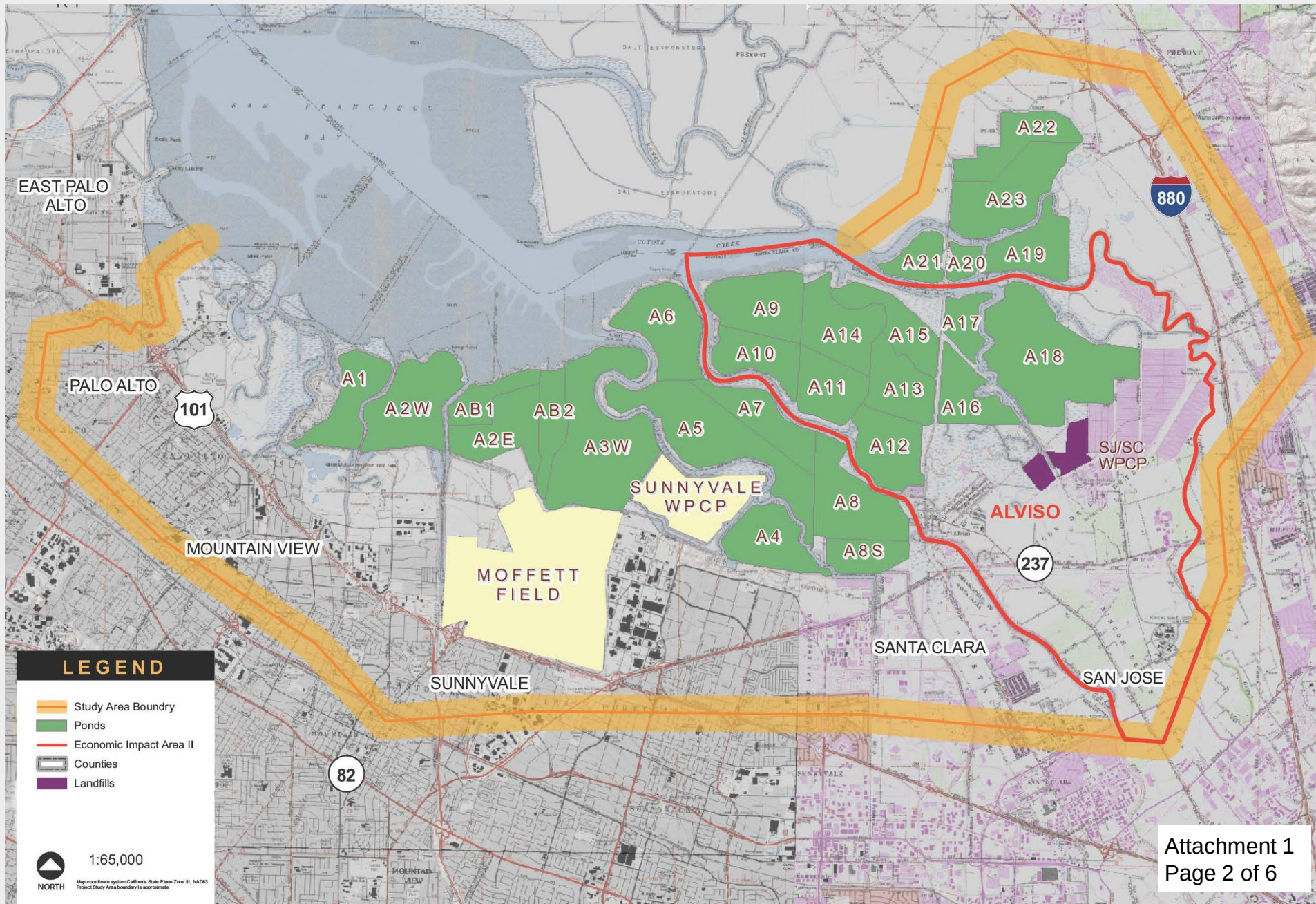
South San Francisco Bay Shoreline Project District – City Meeting December 12, 2018



SANTA CLARA
COUNTY PARKS



Shoreline Study Authorization



Shoreline EIA 11 Authorized Project

✦Total Project Cost: \$177.2 million

- ▶ USACE share is \$73.4 million
- ▶ Local share is \$103.8 million

✦Flood Risk Management (FRM)

- ▶ 4-mile long levee with 2 structures
- ▶ 1% coastal protection including 2.59 feet of sea level rise
- ▶ Manages risk for ~2,500 residents, ~3,000 commuters, ~1,100 structures, Regional Wastewater Facility, Alviso Marina County Park

✦Ecosystem Restoration

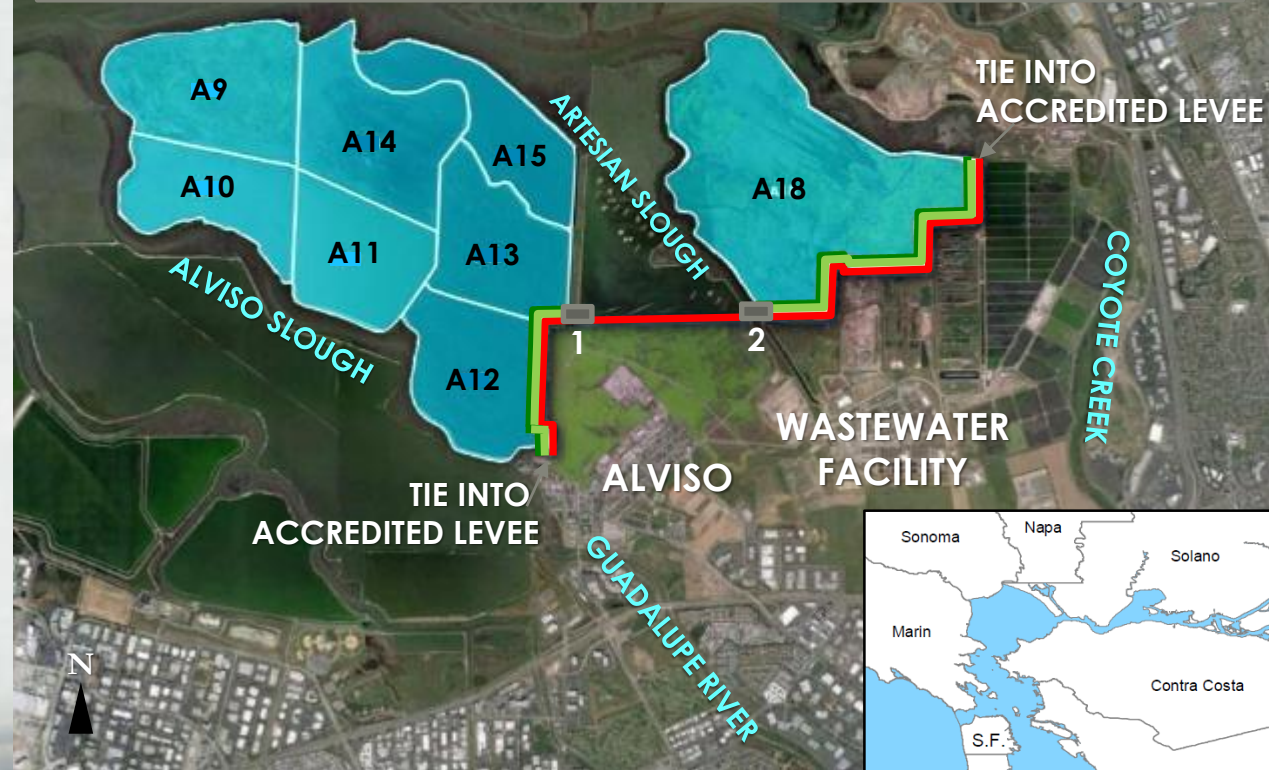
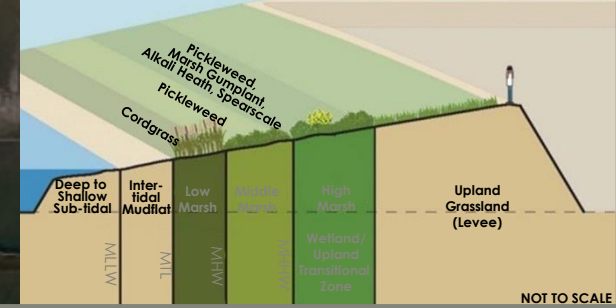
- ▶ 2,900 acres of tidal marsh and related habitat, and ecotone at Ponds A9-15 and Pond A18

✦Recreation

- ▶ Provides key connections to San Francisco Bay Trail & viewpoints

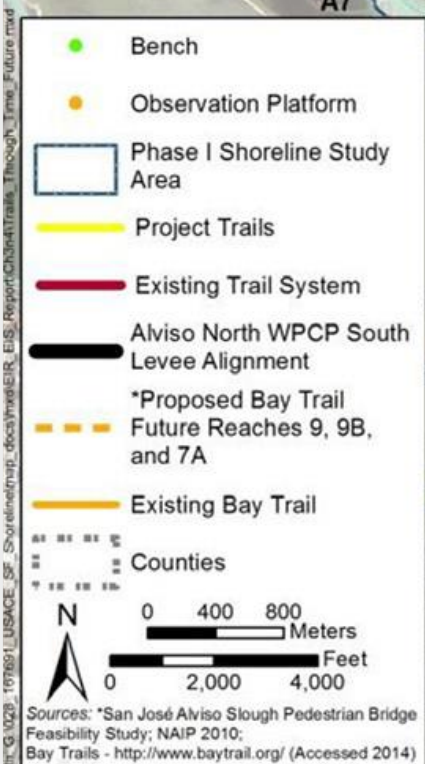
- Levee
- Ecotone (transitional habitat)
- Tidal Marsh Restoration
- 1 Union Pacific Railroad Crossing
- 2 Artesian Slough Tide Gate & Pedestrian Bridge

ECOTONE AND LEVEE CROSS SECTION



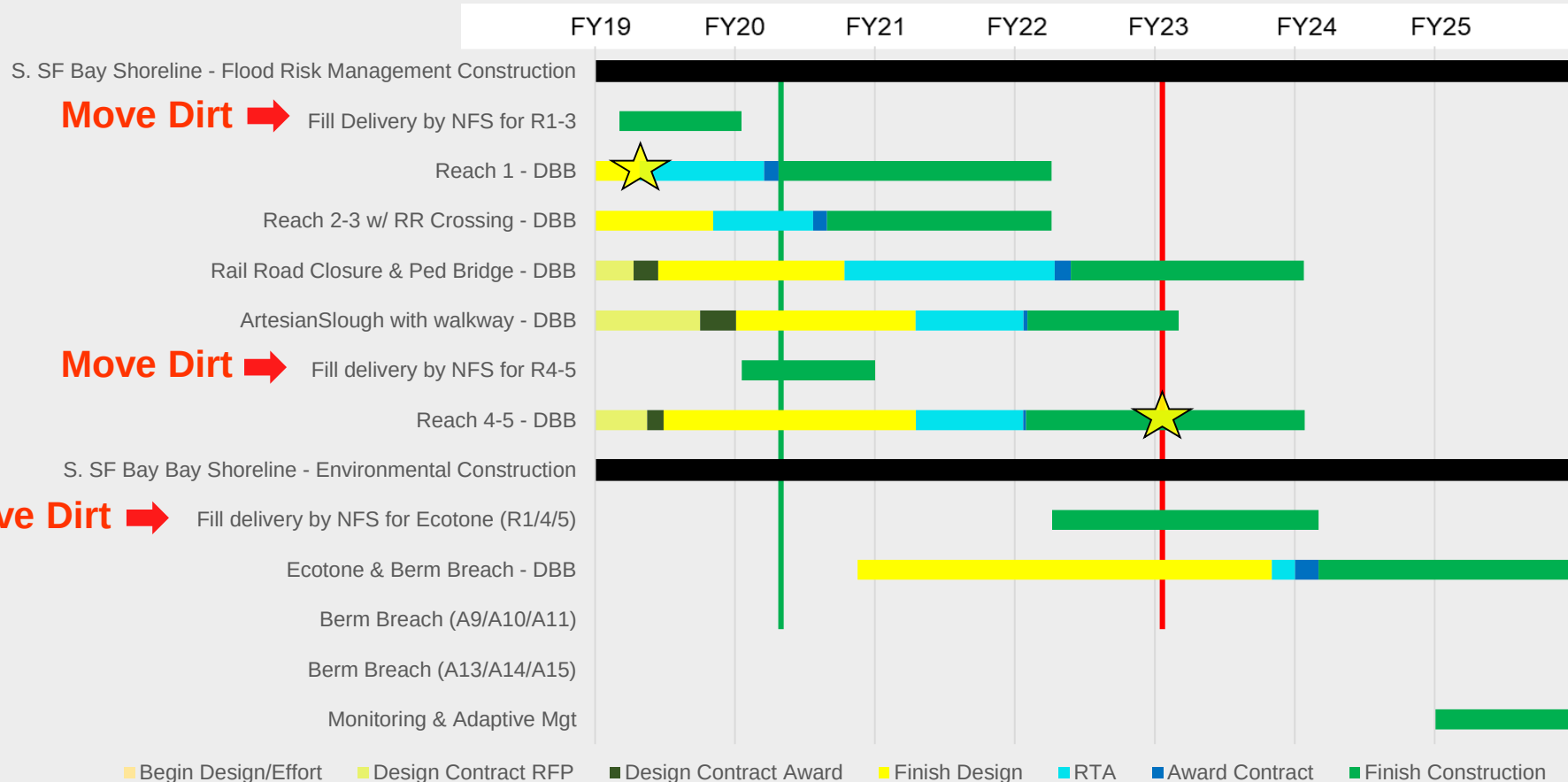
This map illustrates the proposed pedestrian bridge project across the San José Alviso Slough. The study area is defined by a blue outline and includes various land parcels labeled A6 through A21. Key features include:

- Legend:**
 - Bench (green dot)
 - Observation Platform (orange dot)
 - Phase I Shoreline Study Area (blue outline)
 - Project Trails (yellow line)
 - Existing Trail System (red line)
 - Alviso North WPCP South Levee Alignment (black line)
 - *Proposed Bay Trail (dashed orange line)
 - Future Reaches 9, 9B, and 7A (dashed orange line)
 - Existing Bay Trail (solid orange line)
- Geographic Labels:** Santa Clara County, San Jose, New Chicago Marsh, Los Esteros Rd, Wastewater Facility, Milpitas, Santa Clara, Renaissance, Mountain View Alviso Rd, N 1st St, Disk Dr, Alviseo, Union Pacific Railroad.
- Scale and Orientation:** A north arrow and scale bars are provided in meters (0, 400, 800) and feet (0, 2,000, 4,000).
- Sources:** *San José Alviso Slough Pedestrian Bridge Feasibility Study; NAIP 2010; Bay Trails - <http://www.baytrail.org/> (Accessed 2014)
- Inset Map:** Shows the location of the study area within California, highlighting the San Francisco Bay Area and surrounding regions like Sacramento, Fresno, and Los Angeles.



Shoreline EIA 11 Schedule

27 NOV 2018



Delivery Targets per Implementation Guidelines

Advertise 1st Construct. Contract: Mar 2019 |
Complete Construction: Jan 2023 |

Schedule Assumptions

Real Estate: Assumes District will be able to obtain all the necessary real estate interests per schedule. This activity has the greatest impact on the schedule to get to project construction award.

Schedule Constraints

EIS/EIR limits fill delivery to 1K cy per day. Approx. 3 years would be required to deliver 1M cy of levee fill material alone. Delivery of fill material should begin per schedule.

Bay mud conditions limits the rate of levee construction to occur over 2 years.

Shoreline EIA 11 Status and Risks

Reach 1

Status – Reach 1 is on track for fill delivery to occur in 2019 and USACE to advertise for construction in March 2019

Risk – Rights of way not fully acquired by March 2019 impacts construction advertisement schedule

Reaches 2 & 3 and Temporary Railroad Crossing

Status – Need to secure railroad permit by September 2019

Risk – Construction of Reaches 2-3 levee will take longer and impacts schedule

Reach 4 & 5

Status – Need to acquire Pond A18 in fee title by December 2019

Risk – rights of way not fully acquired by Dec 2019 impacts schedule