



**HIGHWAY 1 ELKHORN SLOUGH CORRIDOR  
CLIMATE RESILIENCY PROJECT-  
TAMC Board, December 3<sup>rd</sup>, 2025**



## Today's Action

**RECEIVE** information on the Highway 1 Elkhorn Slough Corridor Climate Resiliency project activities;

**REVIEW** draft outreach plan for the project; and

**APPROVE** project outreach schedule.

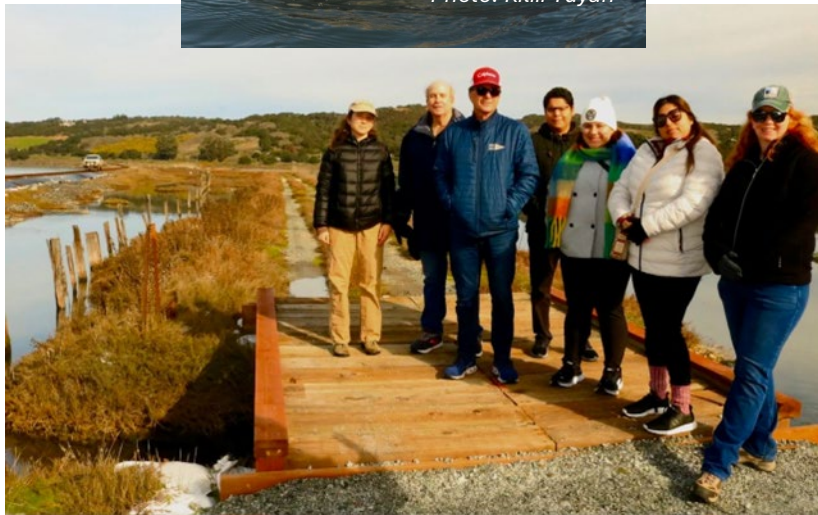
# Highway 1 Elkhorn Slough Corridor Climate Resiliency Project



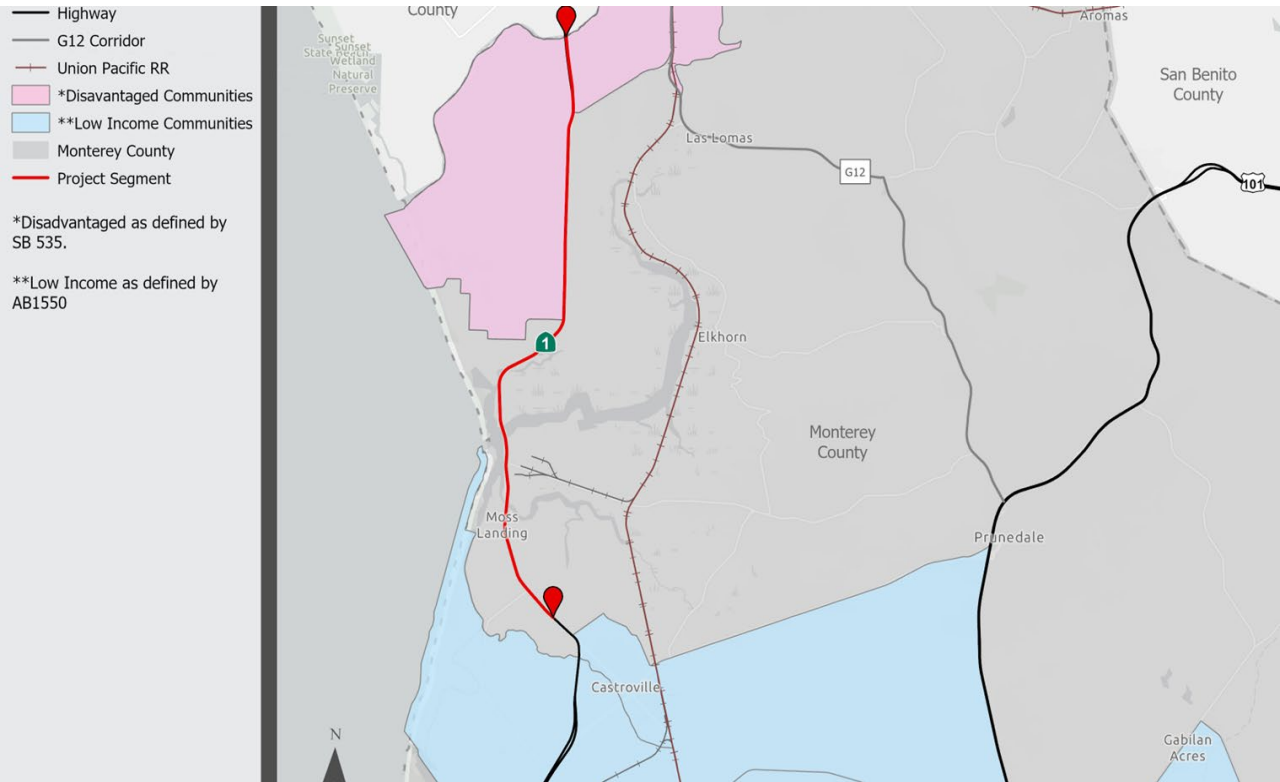
Photo: Kiiii Yuyan



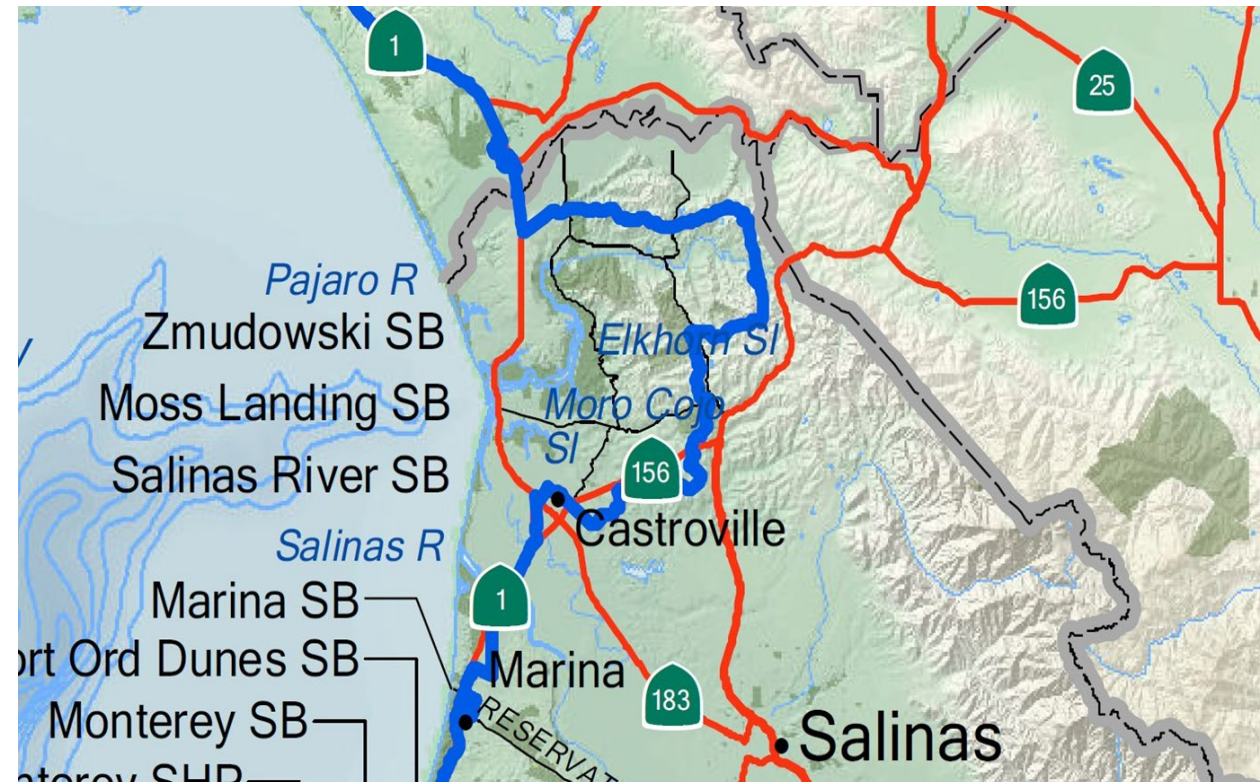
This Photo by Unknown Author is licensed under CC BY-SA



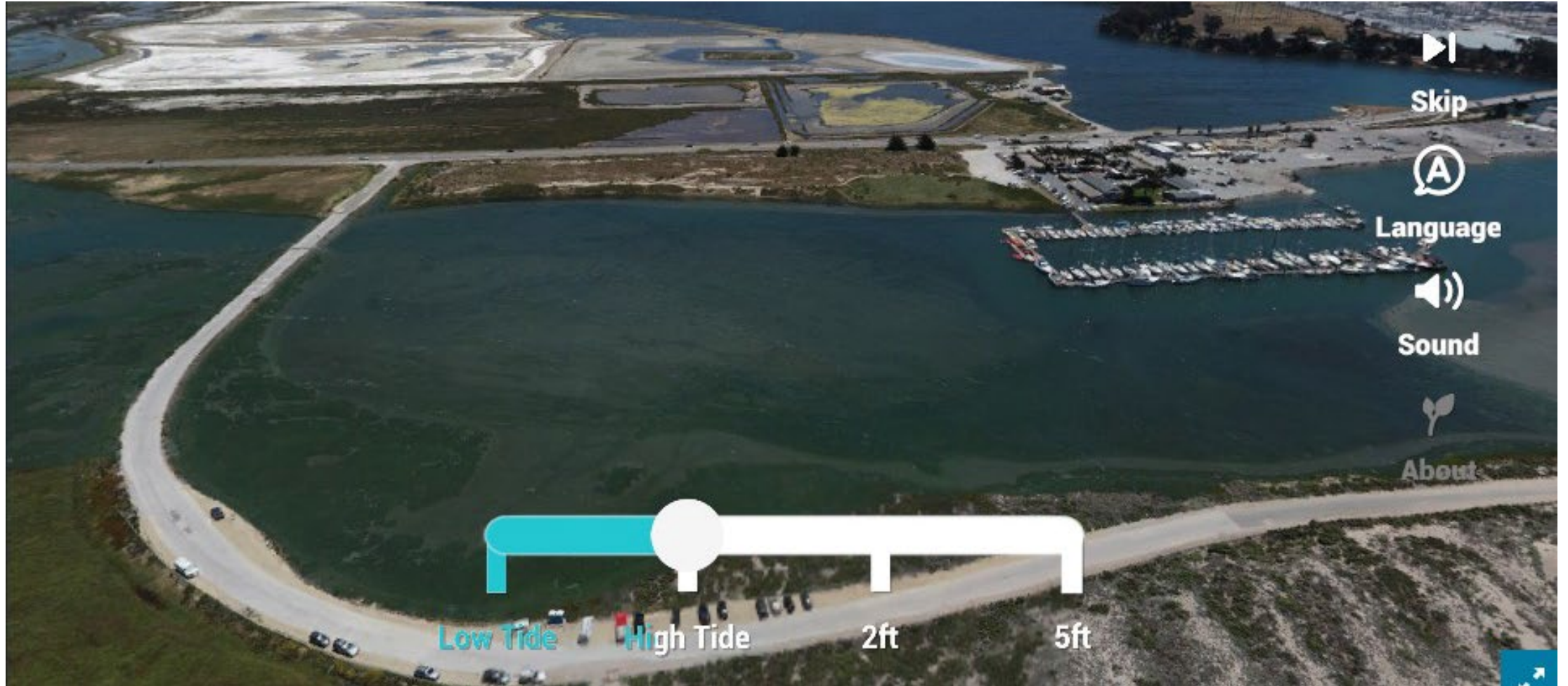
# Project Area



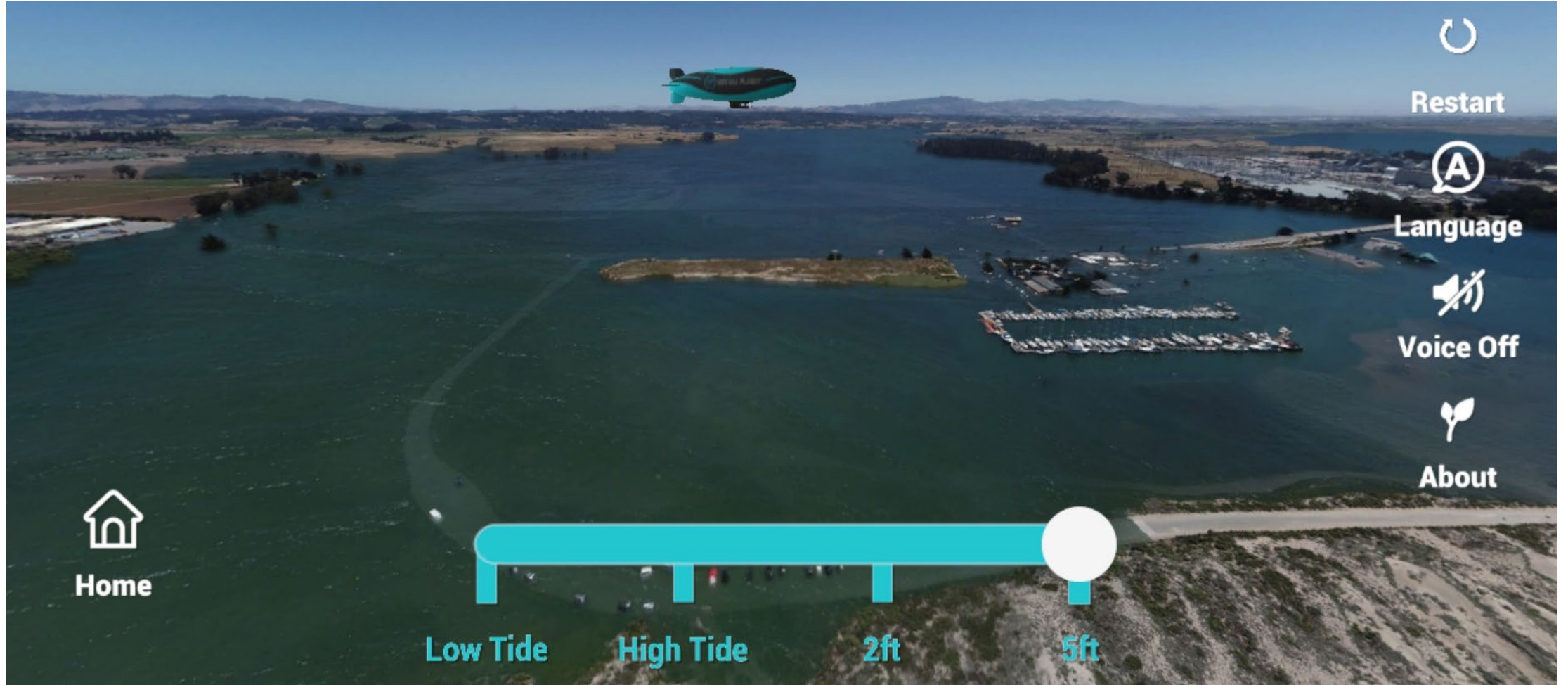
# Coastal Zone



# Aerial Project Area- Present Day High Tide



# Aerial Project Area-5 Ft Sea Level Rise





## Who is Involved?

- TAMC
- TNC
- ESNERR
- Steering Committee
- Advisory Group
- Technical/Science Advisory Group
- Public
- You!

# Highway 1

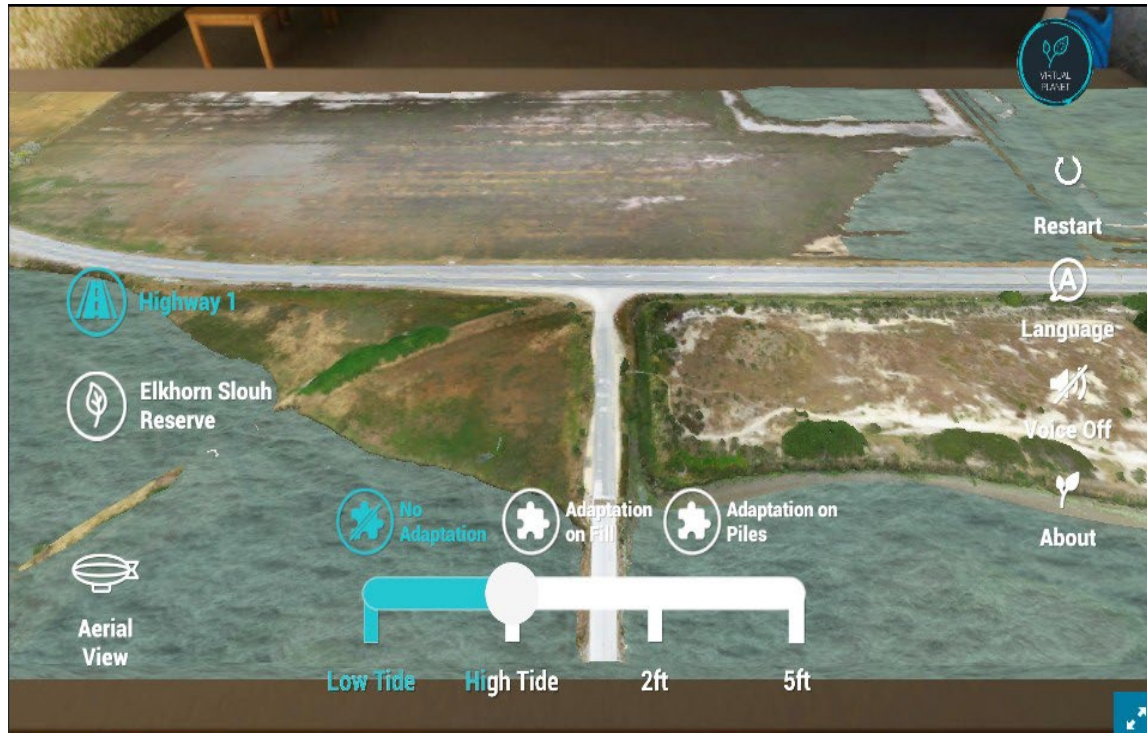


Photo: Caltrans



Photo: Virtual Planet

# Highway 1 High Tide vs. 5ft of Sea Level Rise



# UPRR Rail Tracks



*Photo Credit: Andrea Woolfolk*

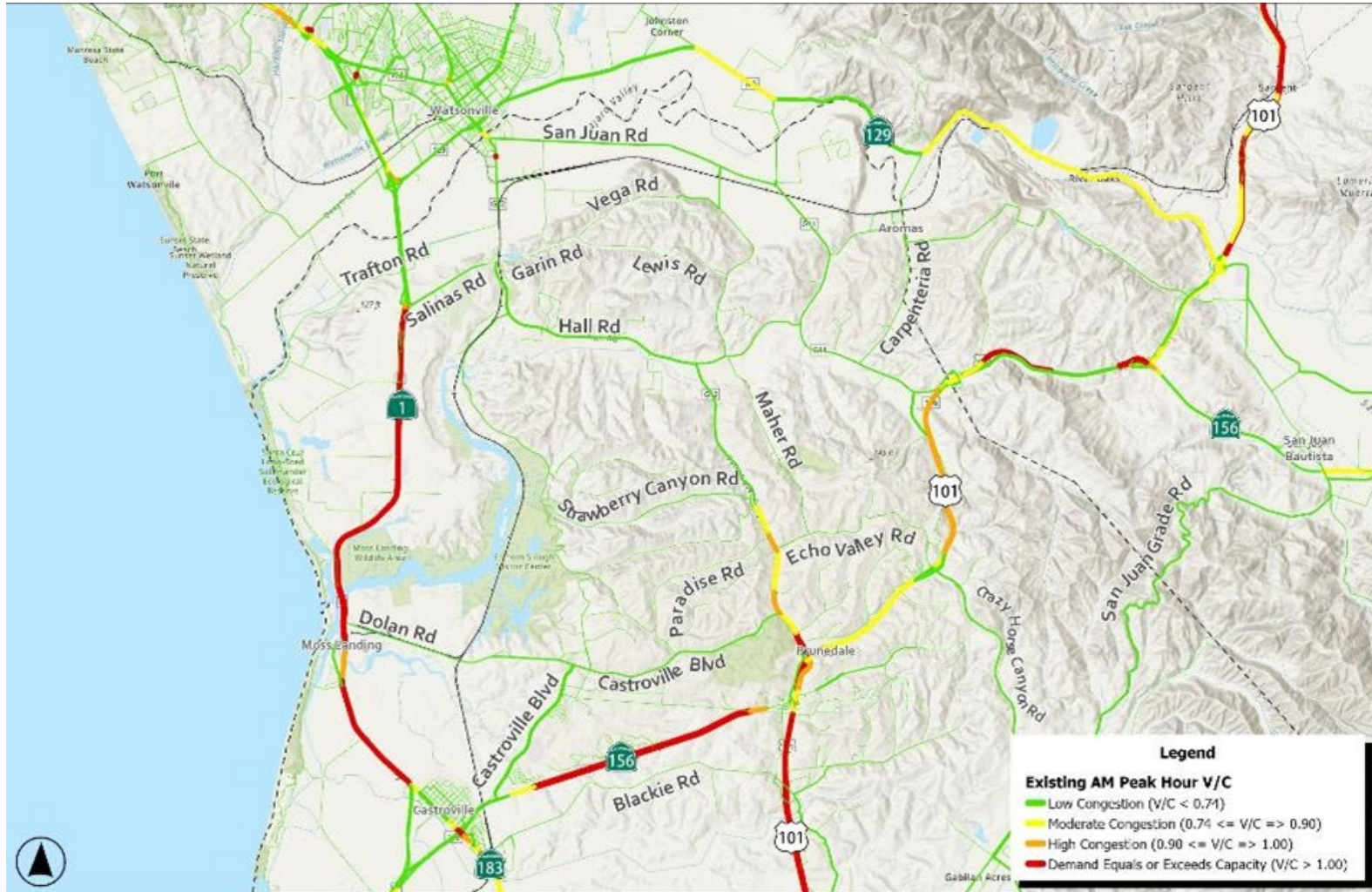


*Photo Courtesy of Dave Feliz, CDFW*

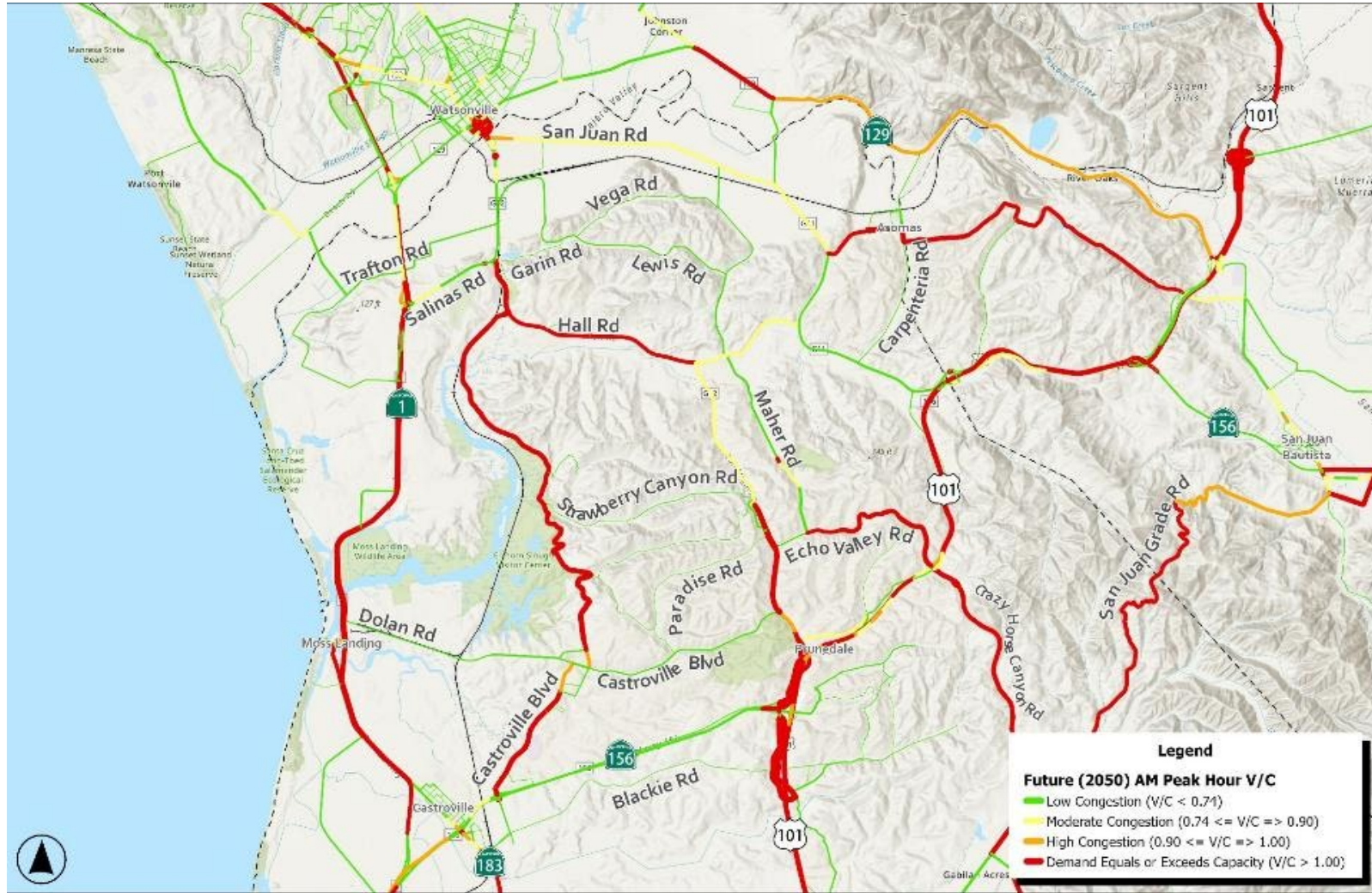
# Current vs. 2 Ft Sea Level Rise at Rail Tracks



# Transportation



# 2050 Traffic Volume –No Flood Scenario



# 2050 Traffic Volume-Flood Scenario



# Nature Based Solutions



Raise roadway in low-lying areas by repaving



Outer coast dune enhancements to protect Harbor



Increasing hydraulic conveyance (e.g. culvert modifications) to decrease flooding impacts



Photo: ESF

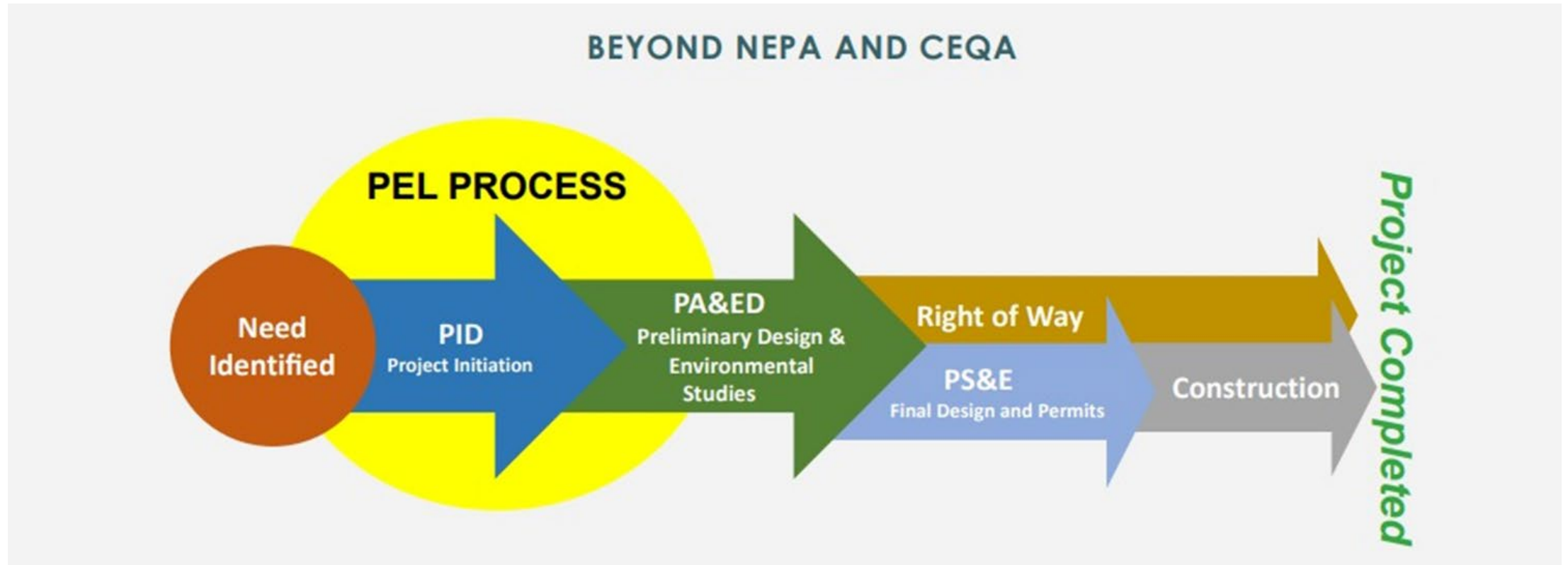
Operational restrictions on railway when water levels are higher



Photo: ESF

Marsh restoration projects around the Slough (photo: Hester Marsh)

# Planning & Environmental Linkages



# Project Deliverables Thus Far

- Traffic Memo
- Sea Level Rise Modeling
- Existing Conditions/ Previous Studies Review
- Outreach Plan and Schedule

# Engagement with Partner Agencies

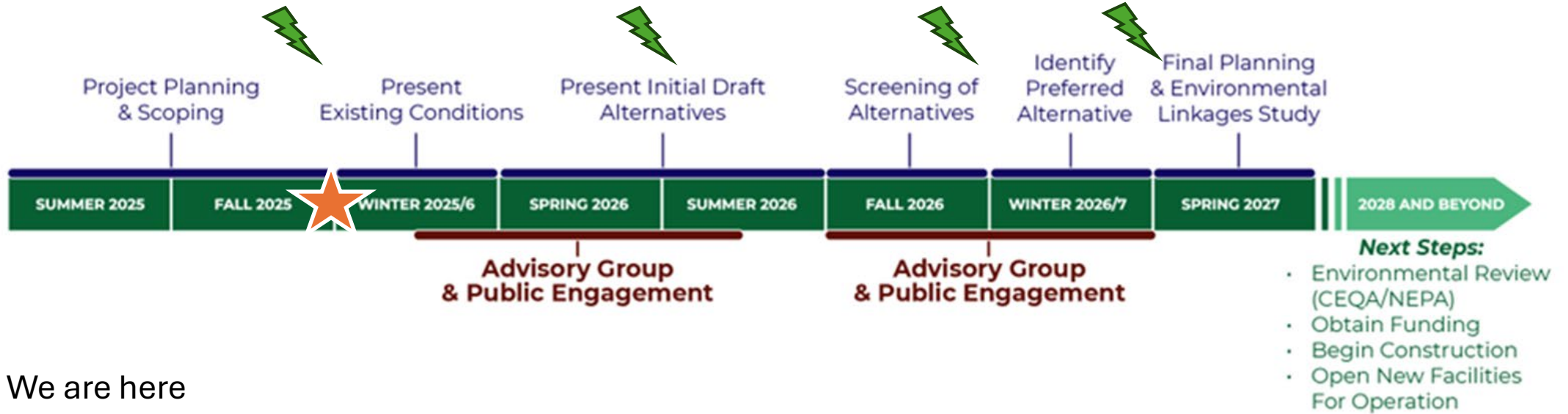
- Steering Committee
- Advisory Group
- Technical Advisory Group
- Roundtables/Listening Sessions





Copyright Chris Mohs

# Engagement with the Public

## Elkhorn Slough/Highway 1 Planning and Environmental Linkages (PEL) Study Process



 We are here

 Opportunities for TAMC Board Input



## Today's Action

**RECEIVE** information on the Highway 1 Elkhorn Slough Corridor Climate Resiliency project activities;

**REVIEW** draft outreach plan for the project; and

**APPROVE** draft project outreach schedule.



**Thank You!**  
**Alissa Guther, [alissa@tamcmonterey.org](mailto:alissa@tamcmonterey.org)**