

AMERICAN RIVER WATERSHED COMMON FEATURES, CALIFORNIA

American River Contract 3A

Supplemental Environmental Impact Report / Supplemental Environmental Assessment

Sacramento District
US Army Corps of Engineers

5 MAY 2022



US Army Corps
of Engineers®



PARTICIPATING IN TODAY'S MEETING

Verbal Comments

- Select the “Raise Hand” button located on the bottom of the Zoom window.



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Written Comments

- Select the “Q&A” button located at the bottom of the Zoom window.
- Type in your comment and click “Submit.”



Tech Support

- If you are having technical issues, text (205) 687-3432 and someone from our team will support you.



HOW TO PROVIDE WRITTEN COMMENTS

In writing to the following addresses:

Flood Projects Office
Department of Water Resources
3464 El Camino Avenue Room 150
Sacramento, CA 95821

OR

Public Affairs Office
U.S. Army Corps of Engineers
1325 J Street Room 1513
Sacramento, CA 95814

Email:

PublicCommentARCF16@water.ca.gov

Email:

ARCF_LARC3A@usace.army.mil

use “American River Contract 3A” in subject line

There will be no answers to comments at this meeting. Responses to comments will be provided in the Final Supplemental EIR/EA for comments received here and in writing.



AGENDA

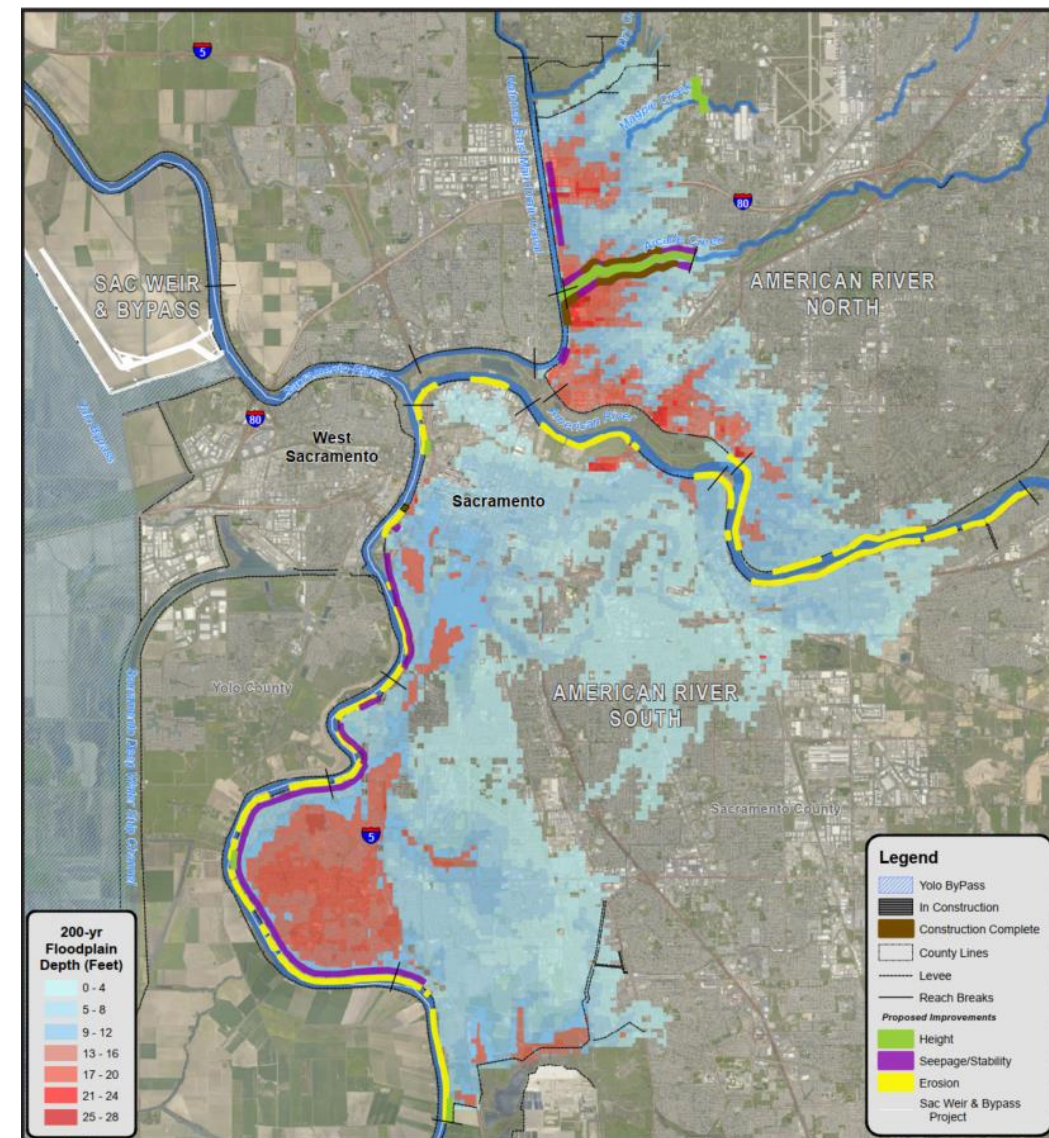
- 2016 American River Watershed Common Features General Reevaluation Report (2016 ARCF GRR EIS/EIR)
 - Final Environmental Impact Statement / Final Environmental Impact Report
- American River Contract 3A
 - Supplemental EIR / Supplemental EA
 - Part 1 is the SEIR
 - Part 2 is the SEA
- Opportunities for Public Input
 - During comment period after the presentation
 - Mail-in using information provided



AMERICAN RIVER WATERSHED COMMON FEATURES 2016



- Water Resources Development Act of 2016
- Emergency Supplemental Appropriations in the Bipartisan Budget Act of 2018





PROJECT PARTNERS

Federal Government



**US Army Corps
of Engineers®**

State Government



Central Valley
Flood Protection
Board



Department of
Water
Resources


Local Government







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 US Army Corps of Engineers Sacramento District Website Website







Project Overview

American River Levees

Sacramento River Levees

Sacramento Weir

Subscribe for Construction & Traffic email updates 

Project Information Tri-fold 

Reducing flood risk in Sacramento

Greater Sacramento, California, is often considered to be the most at-risk region in America for catastrophic flooding, relying on an aging system of levees, weirs and bypasses and Folsom Dam to reduce its flood risk. But that system, just like a chain, is only as strong as its weakest link. Together, the U.S. Army Corps of Engineers, California's Central Valley Flood Protection Board, California Department of Water Resources, and the Sacramento Area Flood Control Agency have made tremendous progress in reducing the flood risk, but more work remains. Through the Bipartisan Budget Act, the Corps has received full upfront funding to modernize Sacramento's aging flood infrastructure. This allows us to more efficiently implement nearly \$1.8 billion in upgrades to Sacramento's flood risk management system. The authorized work includes up to: 13 miles of seepage cutoff walls, 21 miles of bank protection, 5 miles of levee stabilization, 5 miles of levee raises and widening the Sacramento Weir and bypass.

Current Project Activities

Sacramento River East Levee Contract 1 Construction

sacleveeupgrades.com

PROJECT NEED



Source: U.S. Army Corps of Engineers, Sacramento District

Post-Flood 1986 - Flow of 134,000 cfs



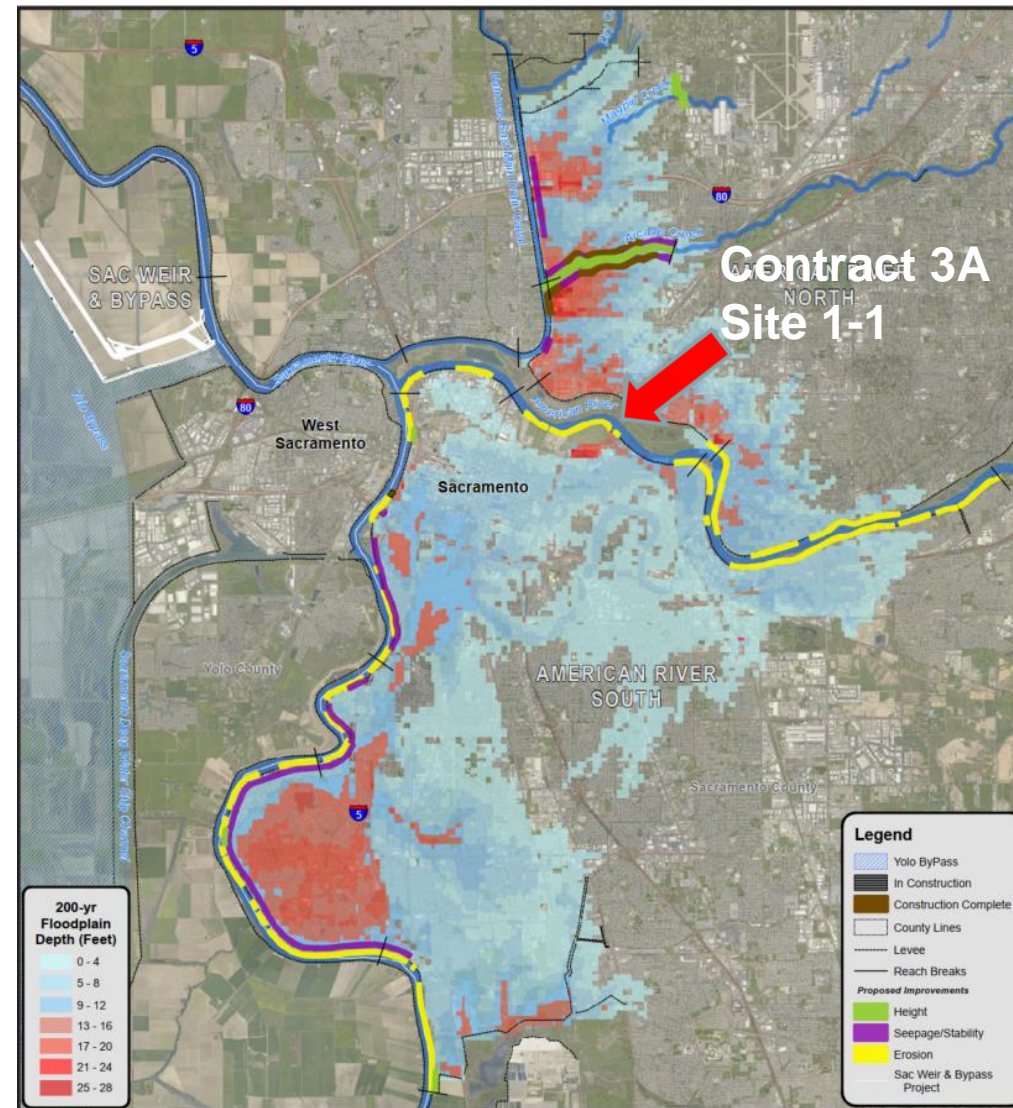
Source: U.S. Army Corps of Engineers, Sacramento District

Post-Flood 1986

Flooding from levee failure threatens over 500,000 people and 83,000 structures in the Sacramento Region



AMERICAN RIVER WATERSHED COMMON FEATURES 2016





AMERICAN RIVER EROSION PROTECTION

Up to 11 miles of erosion protection measures

Critical area: Site 1-1 upstream of Sutter's Landing Regional Park

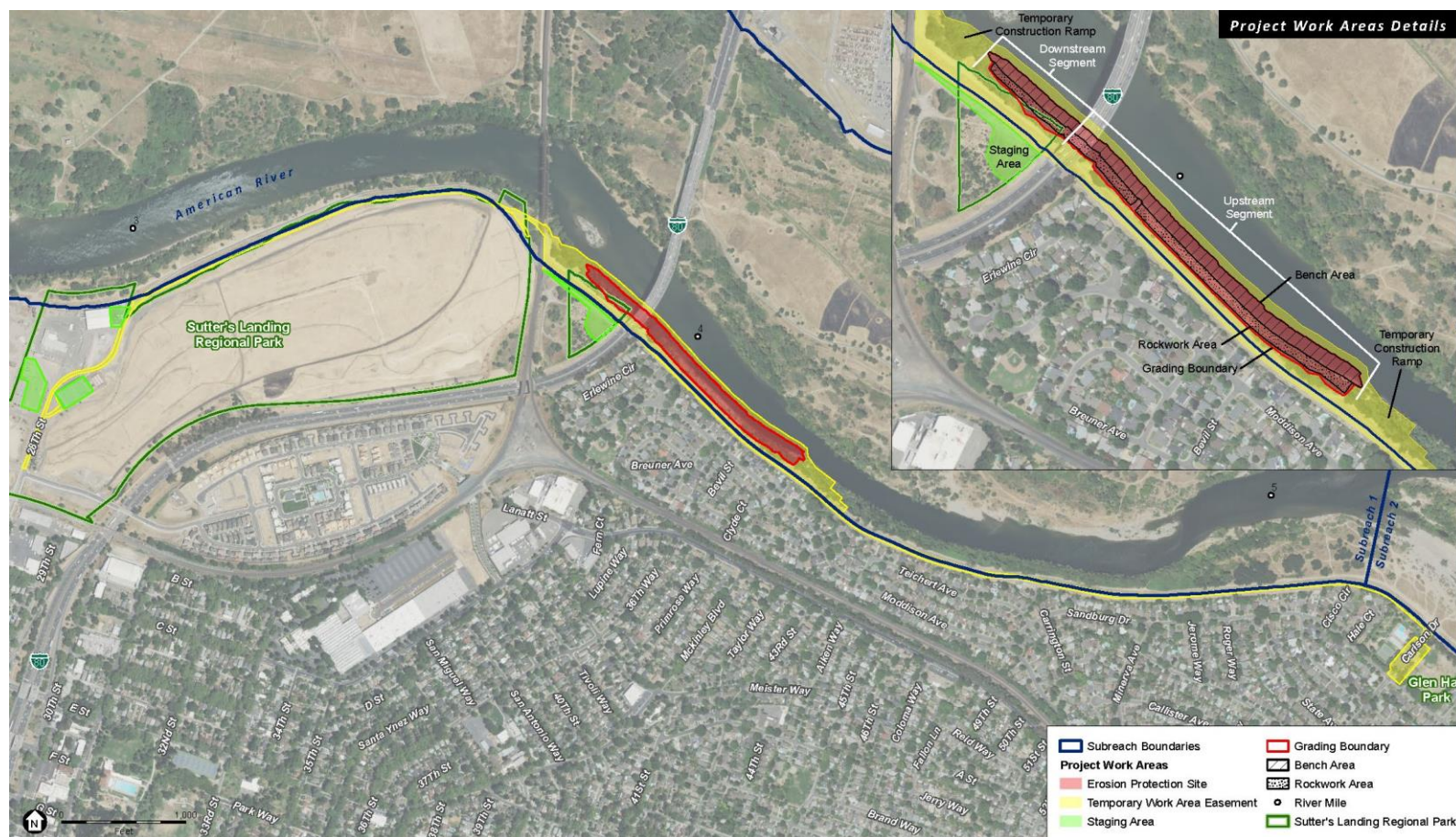
High risk of bank and toe erosion



AMERICAN RIVER EROSION PROTECTION

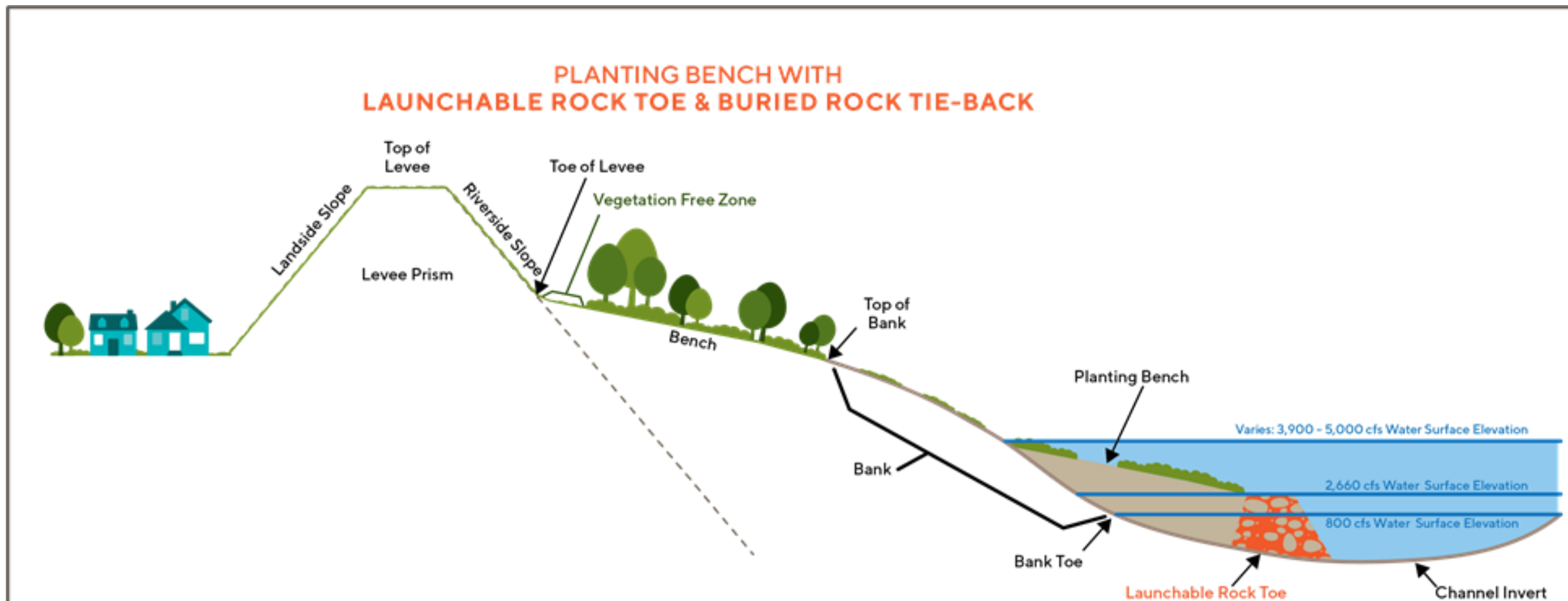
Combine erosion protection approaches

- Bank protection with planting bench and launchable toe
- Soil-filled levee embankment revetment



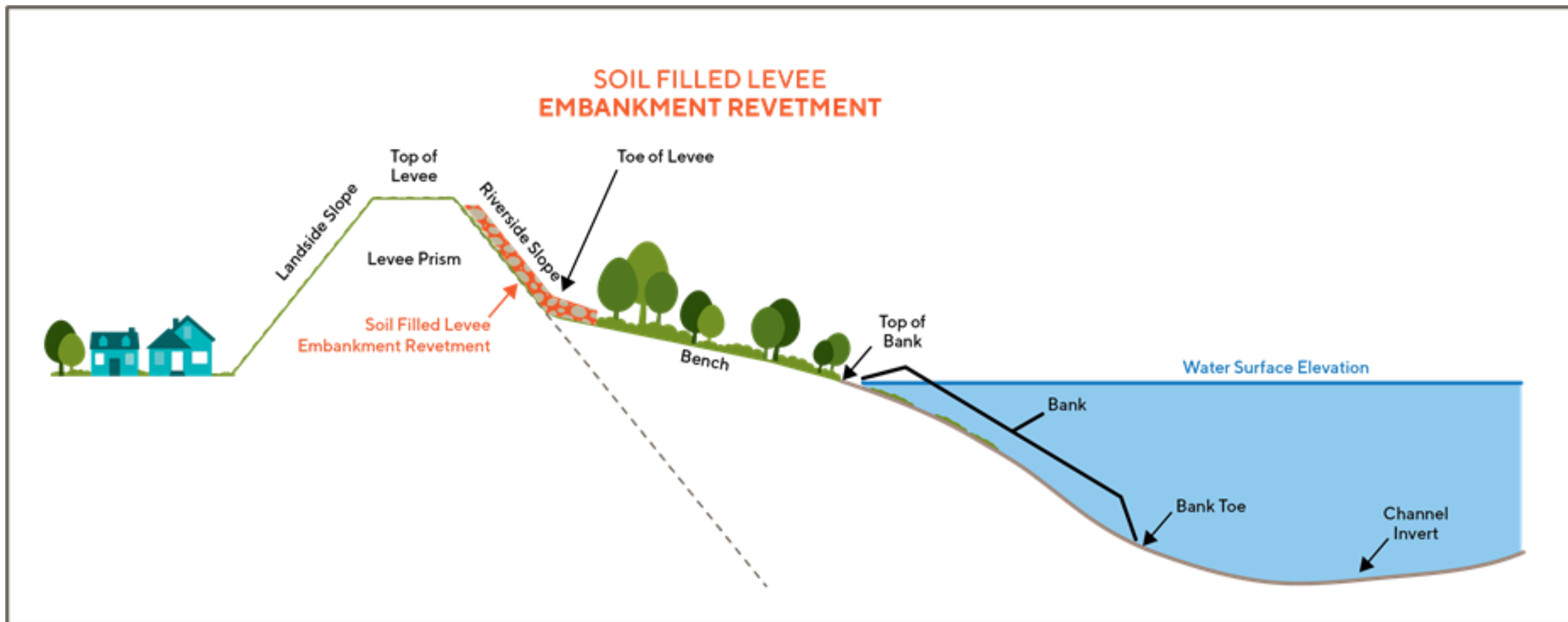
PLANTING BENCH

PLANTING BENCH WITH LAUNCHABLE ROCK TOE & BURIED ROCK TIE-BACK





LEVEE EMBANKMENT REVETMENT





ON-SITE MITIGATION

Previously Constructed Erosion Protection Site Between Guy West Bridge and H Street



May 2001



June 2005



July 2010



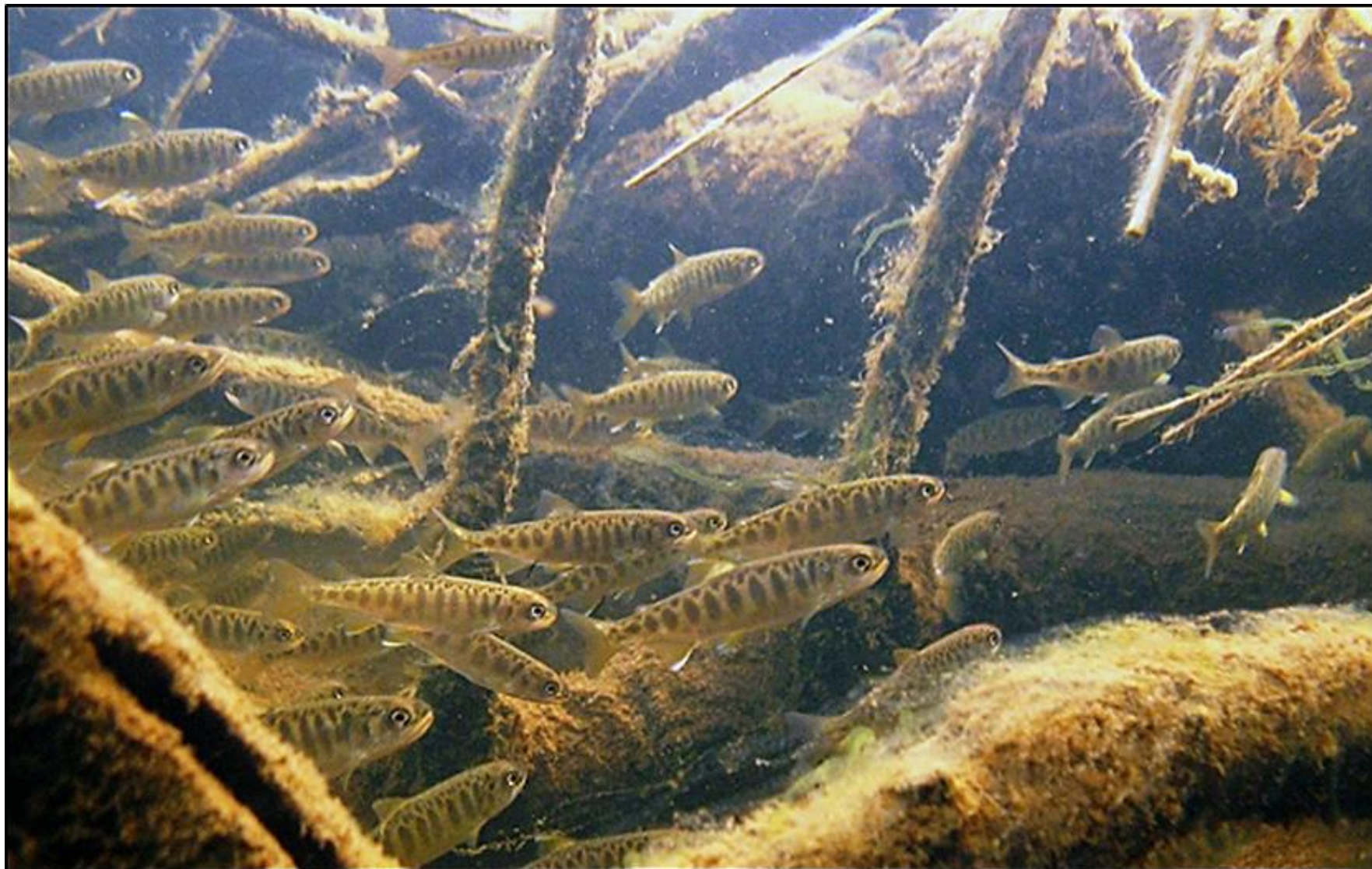
June 2014



October 2015



HABITAT FOR JUVENILE SALMON AND STEELHEAD





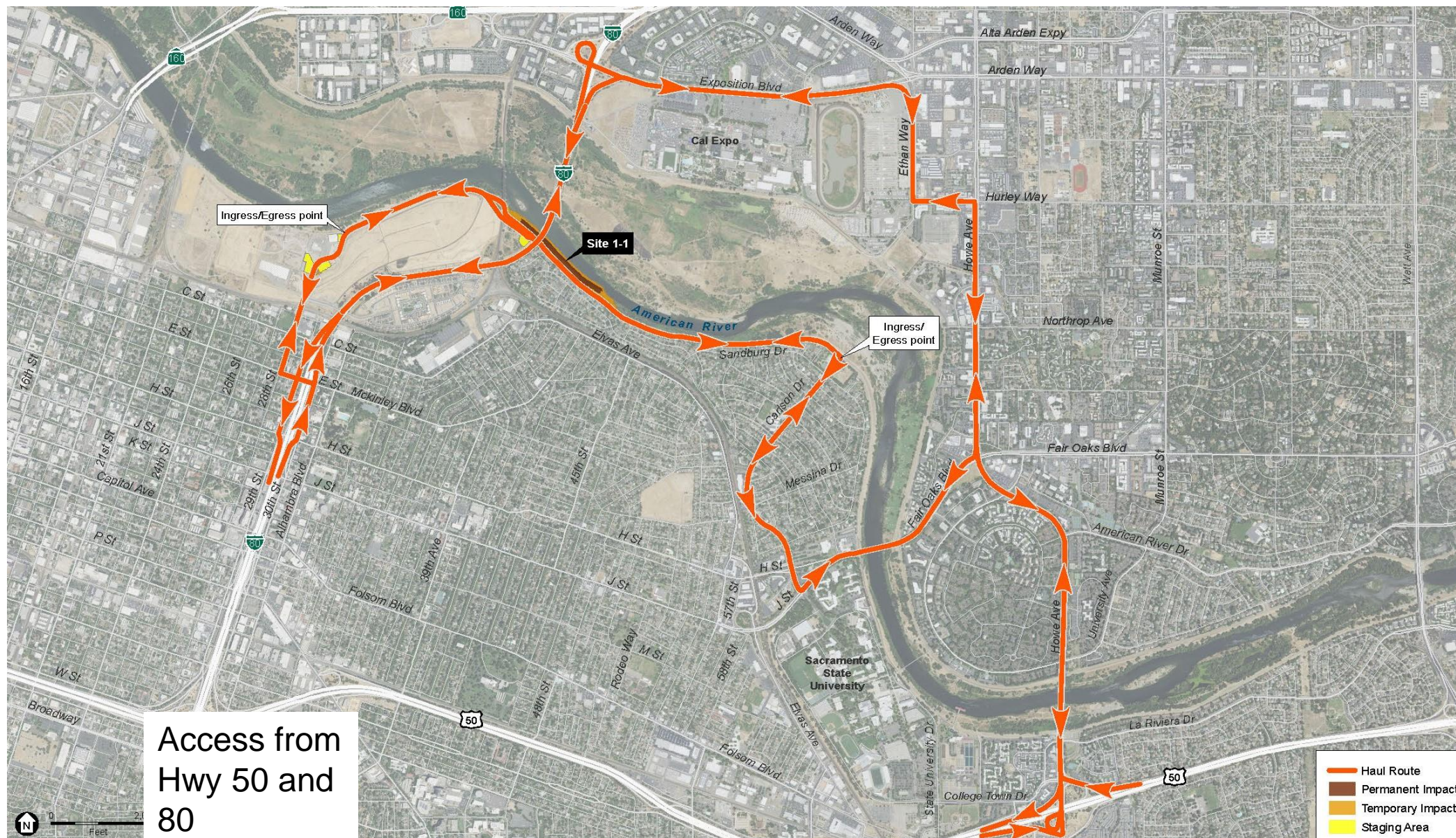
DRAFT SUPPLEMENTAL EIR/EA

TOPICS ANALYZED

- Visual Resources
- Hydrology and Water Quality
- Vegetation and Wildlife
- Fisheries
- Special Status Species
- Cultural Resources
- Transportation and Circulation
- Air Quality
- Greenhouse Gas Emissions and Energy Consumption
- Noise and Vibration
- Recreation
- Public Utilities and Service Systems
- Hazards and Hazardous Materials



HAUL ROUTES



MITIGATION MEASURES



Detour Routes



Turbidity Curtains



Anchored Trees for Fish



Elderberry Shrub Transplant



ENVIRONMENTAL COMMITMENTS AND CONSISTENCY

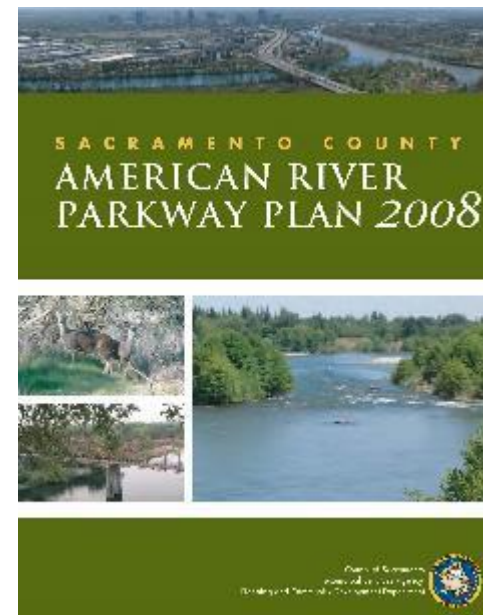


Environmental Commitments

- Final Supplemental EIR/EA
- Biological Opinions (NMFS, USFWS)
- Water Quality Certification (State Water Board)

Consistency

- American River Parkway Natural Resources Management Plan
- American River Parkway Plan
- Wild and Scenic Rivers Act





ANTICIPATED CONSTRUCTION SCHEDULE

Pre-construction (October 2022 - May 2023)

- Woody vegetation clearing and pruning, including elderberry shrub transplanting within construction footprints

Site Construction (Late Spring 2023 - Fall 2023)

- Install waterside erosion protection measures and backfill for revegetation

Post-Construction Planting (Fall/Winter 2023 – Spring 2023)

- Install mixture of native vegetation along waterside of levee
- Vegetation Establishment (Next 3 to 5 years)



NEPA/CEQA NEXT STEPS



Draft Supplemental EIR/EA is available at:
sacleveeupgrades.com

Public Comment Period: April 13 – May 27, 2022

Anticipated Final Document: Fall 2022



CLOSURES AND NOTICES

Stay Informed about Temporary Road and Trail Closures:

- Subscribe to construction and traffic email updates at:
sacleveeupgrades.com



Source: Sacramento County Regional Parks



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