

AMERICAN RIVER COMMON FEATURES, WATER RESOURCES DEVELOPMENT ACT OF 2016

Public Meeting for
Sacramento River Erosion Contract 2
Draft Supplemental Environmental Impact Report and
Supplemental Environmental Assessment

Sacramento District,
US Army Corps of Engineers

April 26, 2022



US Army Corps
of Engineers®





CEQA AND NEPA COMMENTS



Draft Supplemental SEIR and SEA are available at:
sacleveeupgrades.com, www.cvfpb.ca.gov/public-notice and
at the Sacramento Central Library

Public Comment Period (45 days): April 15, 2022 to May 29, 2022

Final Document: Anticipated October 2022

DWR: PublicCommentARCF16@water.ca.gov

USACE: ARCF_SREroC2@usace.army.mil



AGENDA



- American River Watershed Common Features 2016 Project Overview
 - 2016 Final Environmental Impact Statement / Final Environmental Impact Report (FEIS/FEIR)
- Sacramento River Erosion Contract 2
 - 2022 Draft Supplemental Environmental Impact Report and Supplemental Environmental Assessment (SEIR & SEA)
- Opportunity for Questions
 - Verbal or through the Chat Box



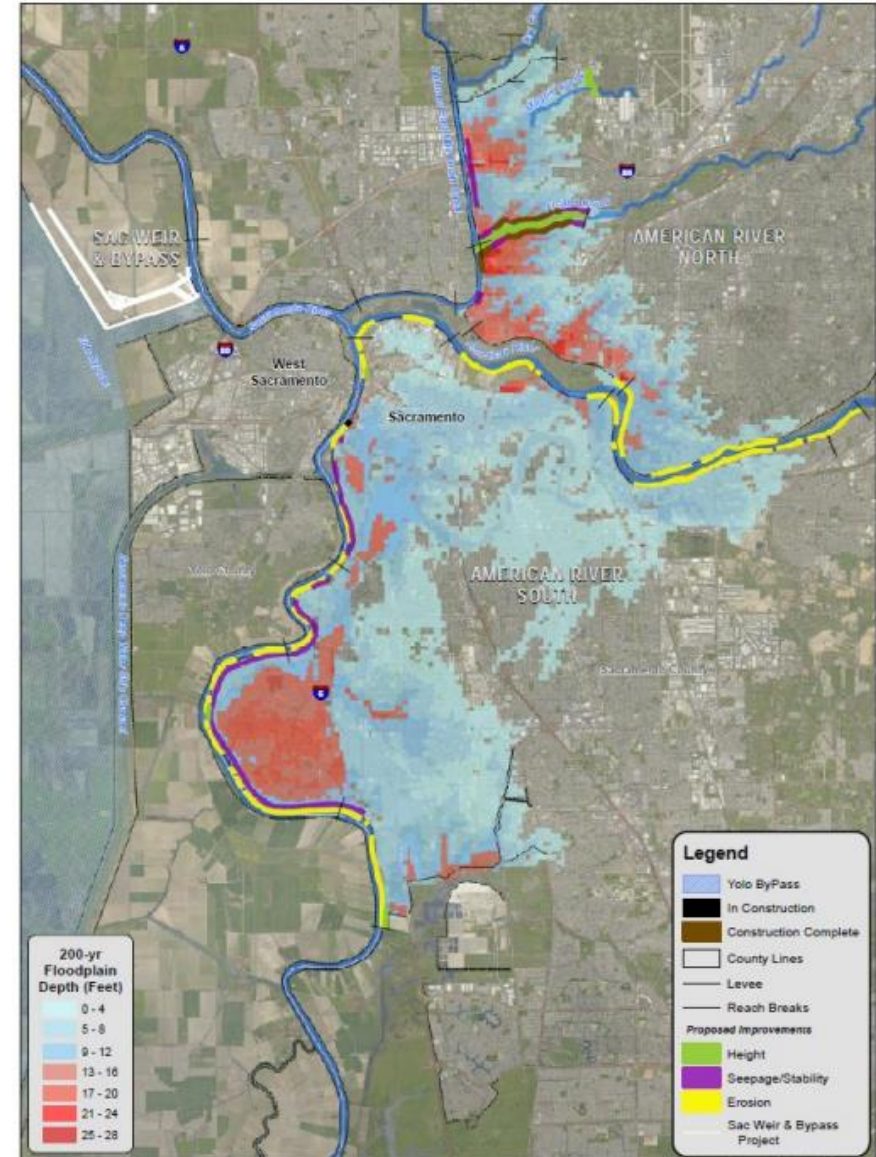
AMERICAN RIVER WATERSHED COMMON FEATURES 2016 PROJECT OVERVIEW



Authorization:
Water Resources Development Act of 2016 and
Emergency Supplemental Appropriations in the Bipartisan Budget Act of 2018

Authorized Plan	
Features	
North Area Streams Seepage	4 miles
Sacramento River Seepage	9 miles
American River Erosion	11 miles
Sacramento River Erosion	10 miles
Levee Stabilization	5 miles
Levee raises	5 miles
Widen Sacramento Weir and Bypass	1500 feet
Reduces Risk	500,000 people
	125,000 structures
	\$62 billion protection

200-year flood risk map and proposed/active levee improvements under the ARCF 2016 project.





PROJECT PARTNERS



NEPA Lead Agency: USACE
CEQA Lead Agency: CVFPB

Federal Government



**US Army Corps
of Engineers®**

State Government



Central Valley
Flood Protection
Board



Department of
Water
Resources

Local Government





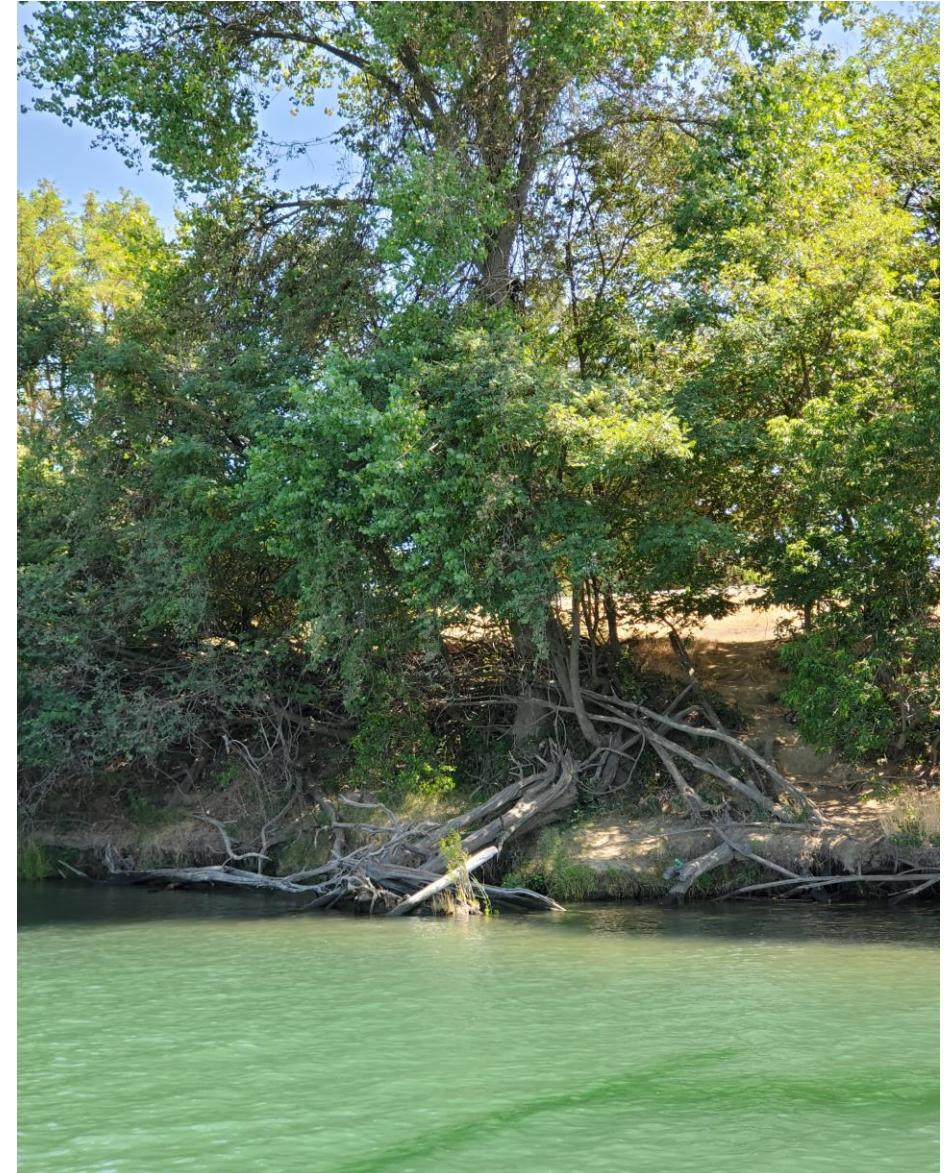
PROPOSED CONSTRUCTION SCHEDULE



4 active months, 3 phases

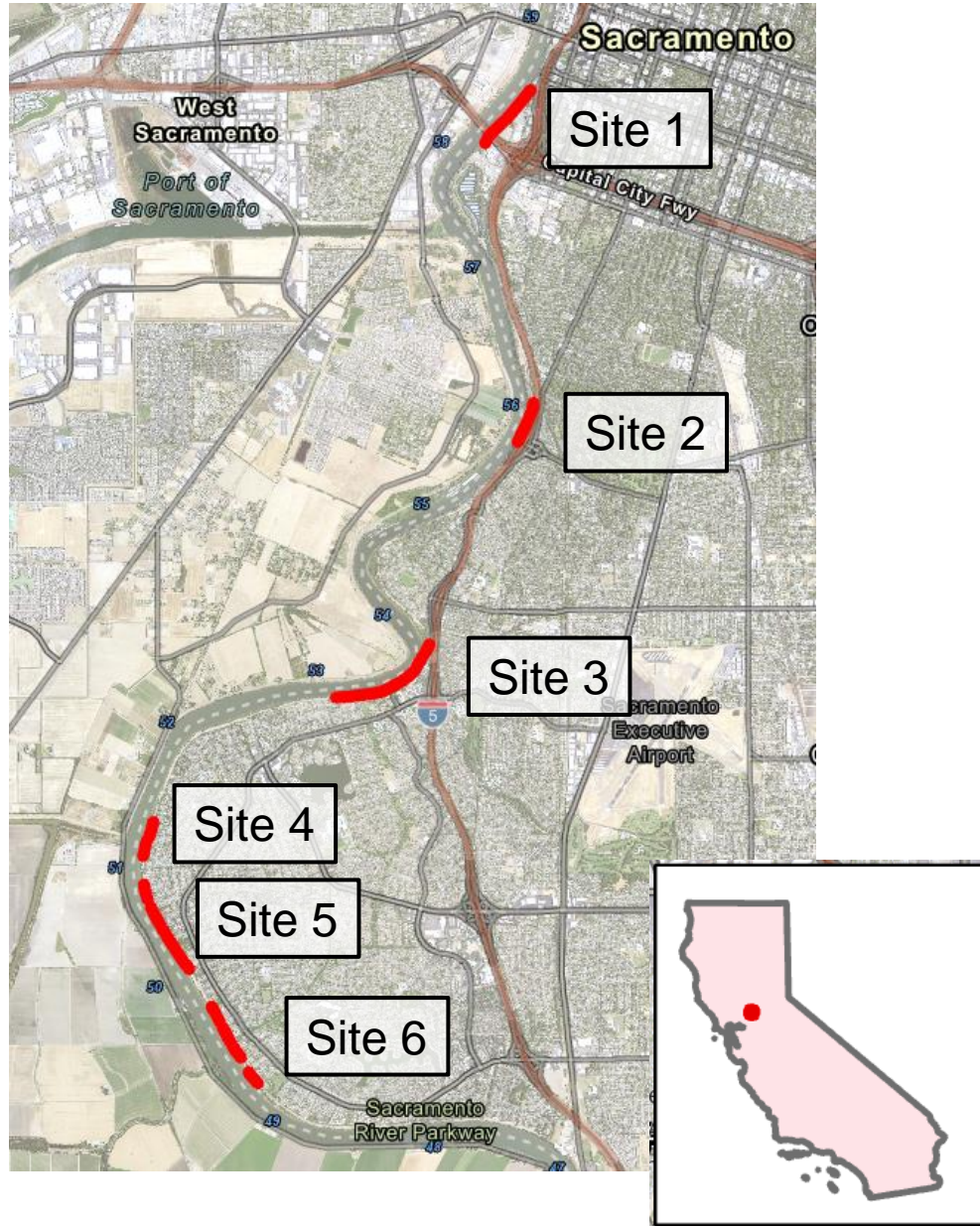
- Tree Removal – Prior to
- Construction – 2 years of Rock Placement
- Greening – Post Construction

We anticipate completion of ARCF by 2026





SACRAMENTO RIVER EROSION CONTRACT 2



Waves from wind and boats lead to erosional processes that degrade the surface of the levee which can, in time increase the risk of levee failure.

The project design includes:

- Approximately 3 miles of water side erosion protection
- Barges to transport material
- Planting benches, IWM
- Replacement of water side pipes of SUMP 63



EROSION ISSUES ON THE SACRAMENTO RIVER



Contributors:

- boat wake.
- Steep slope
- Poor levee material
- Levees built very close to the riverbank



Wavewash



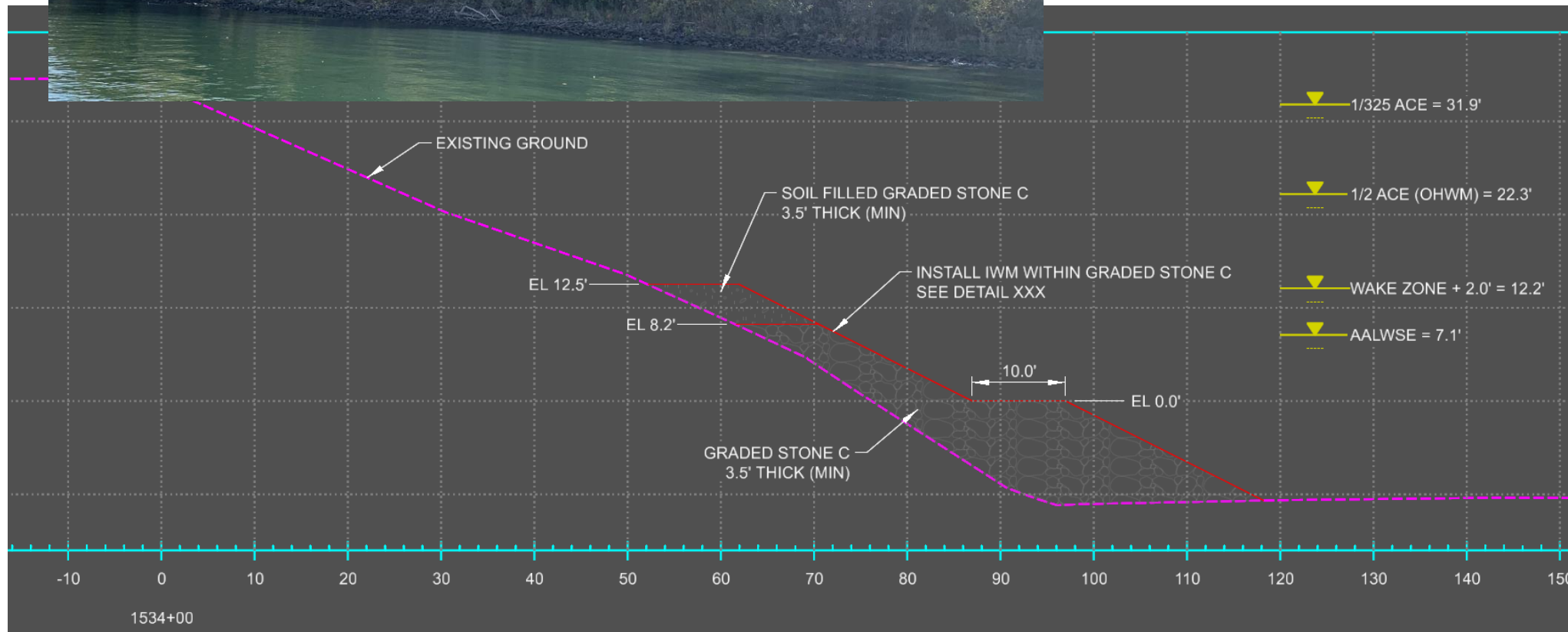
Steep Slopes



Aging slope protection

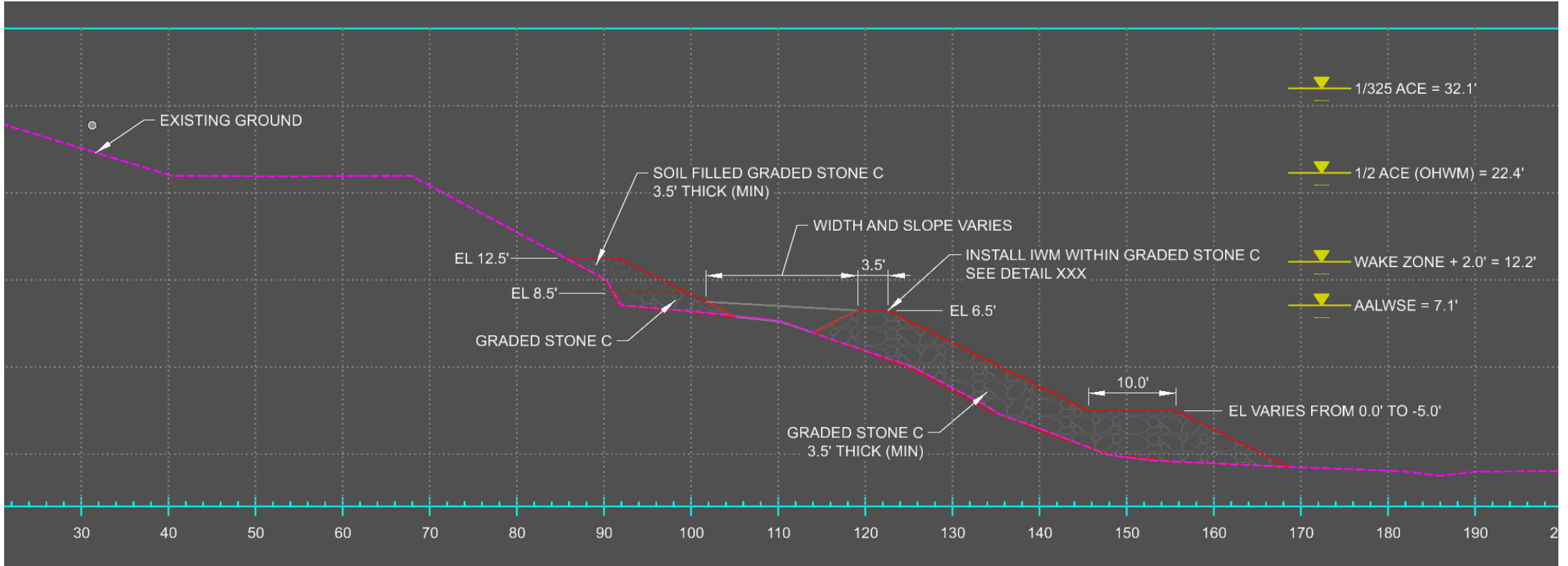


CROSS SECTION OF TYPICAL FIX

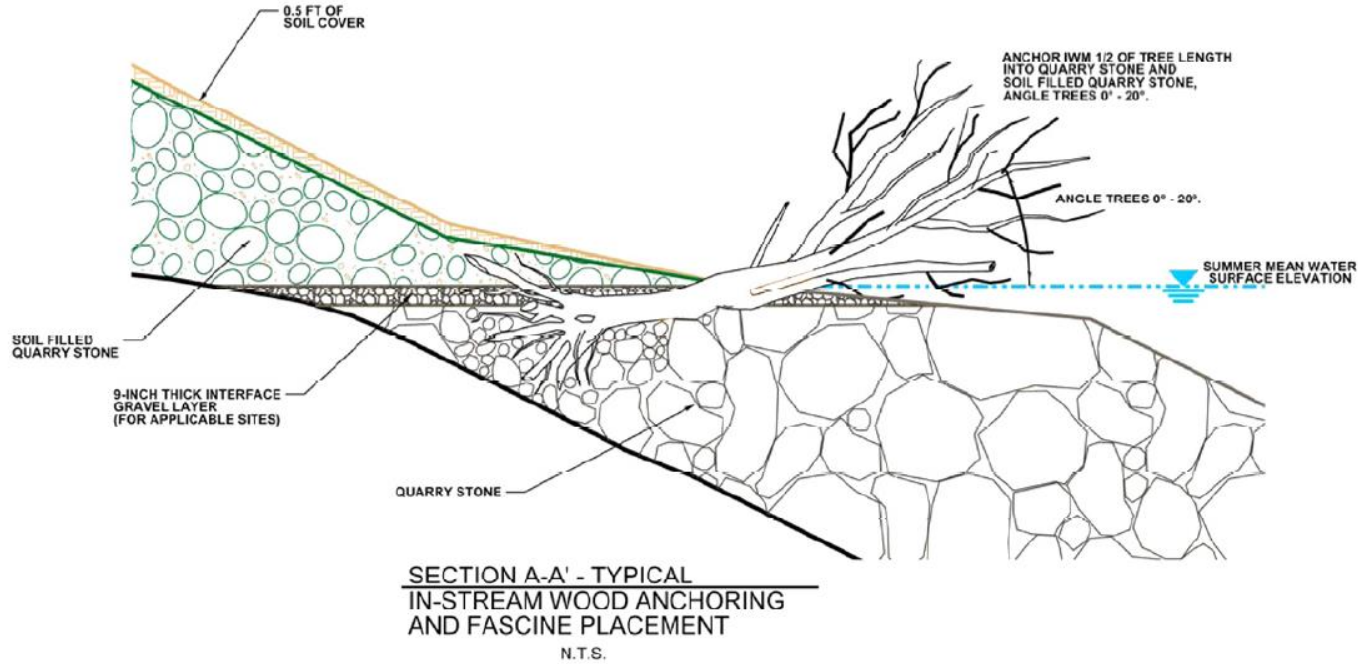




CROSS SECTION OF TYPICAL PLANTING BENCH



INSTREAM WOODY MATERIAL (IWM) DETAILS



Source: Ayres Associates



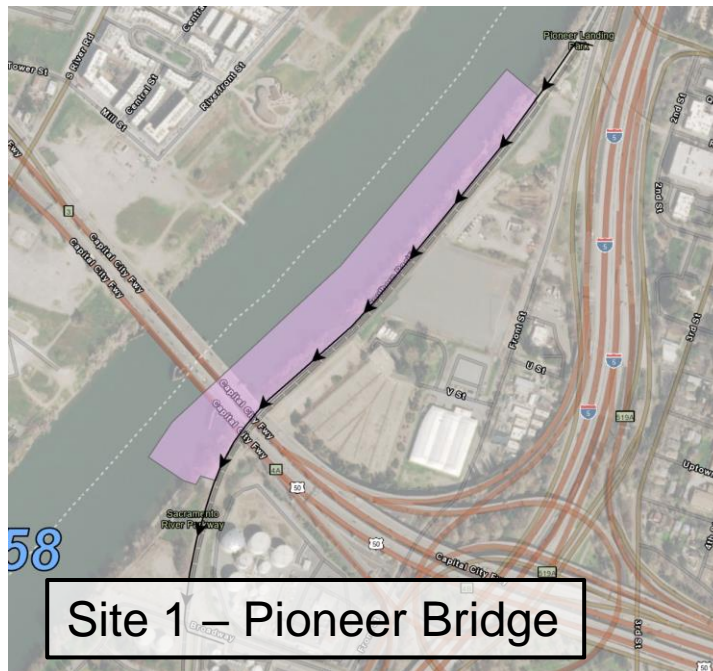


CONSTRUCTION ACCESS

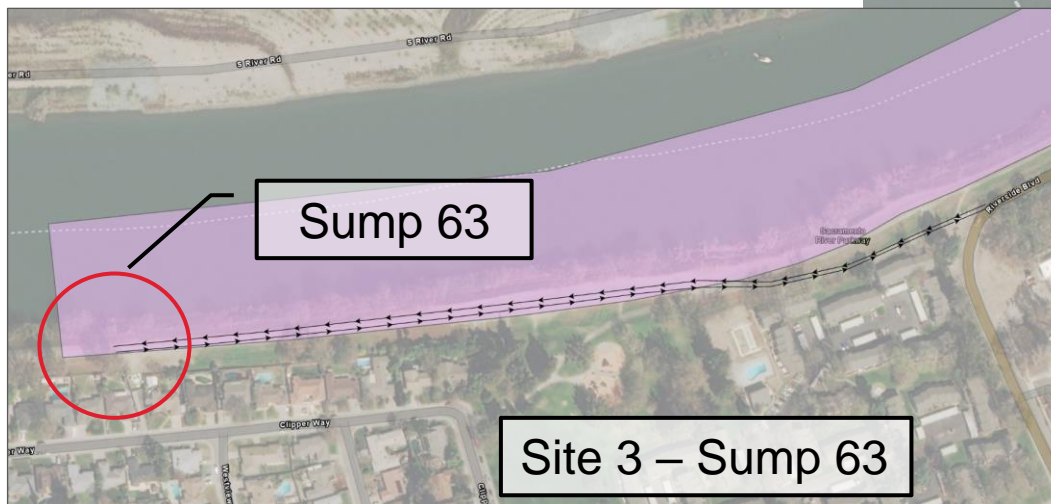




CONSTRUCTION ACCESS



Miller Park Marina Boat Ramp





2016 FINAL EIS/ EIR NEPA AND CEQA

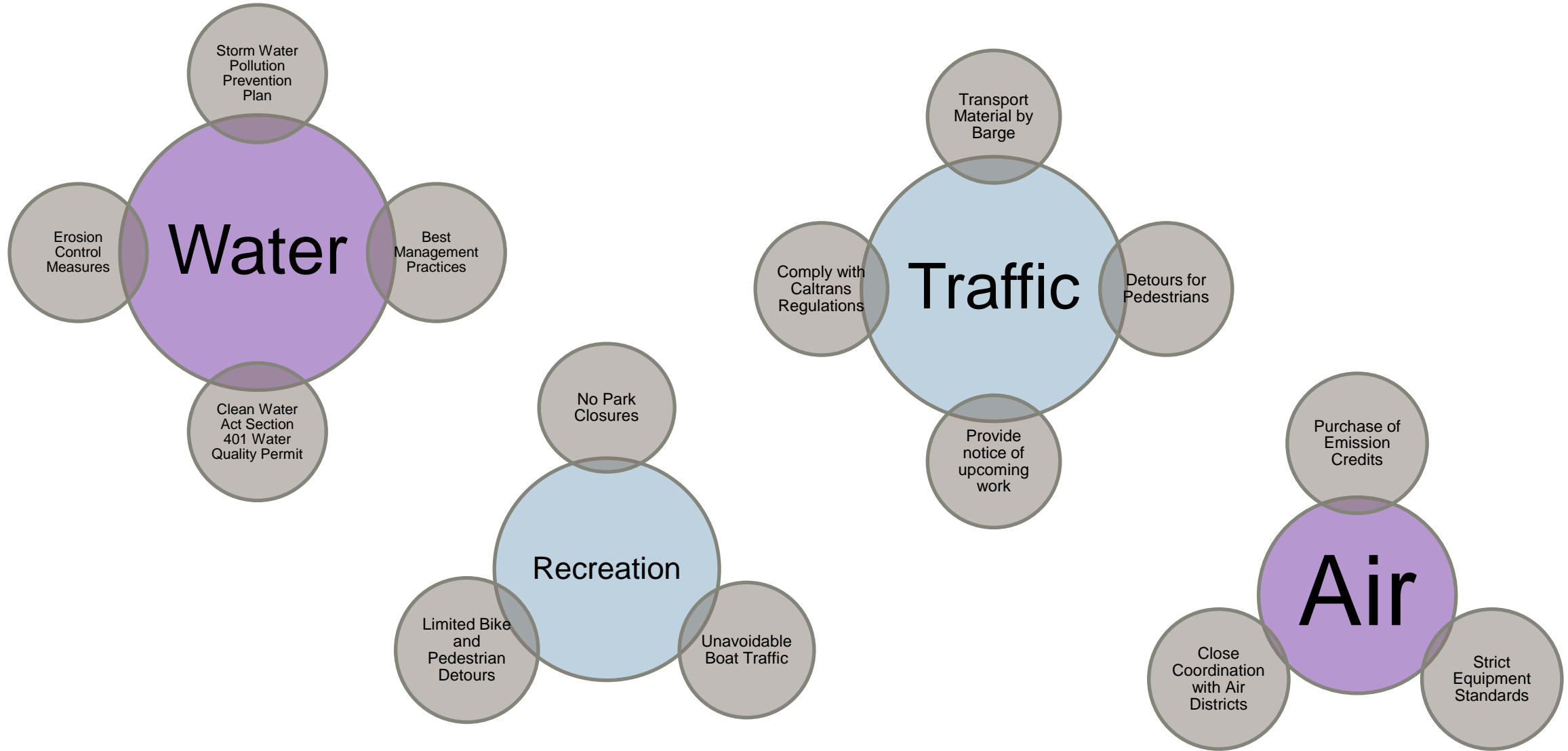
TOPIC AREAS ANALYZED IN DEPTH



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



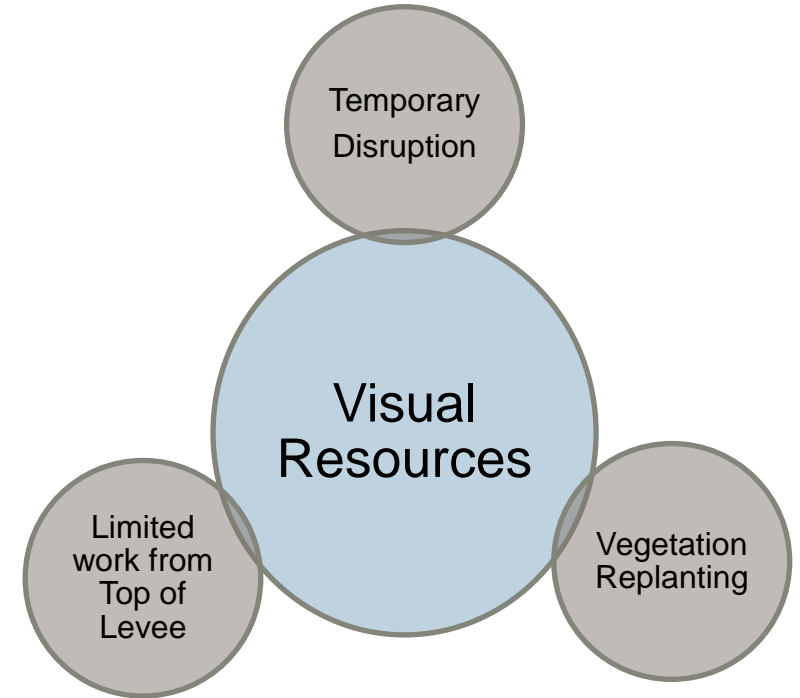
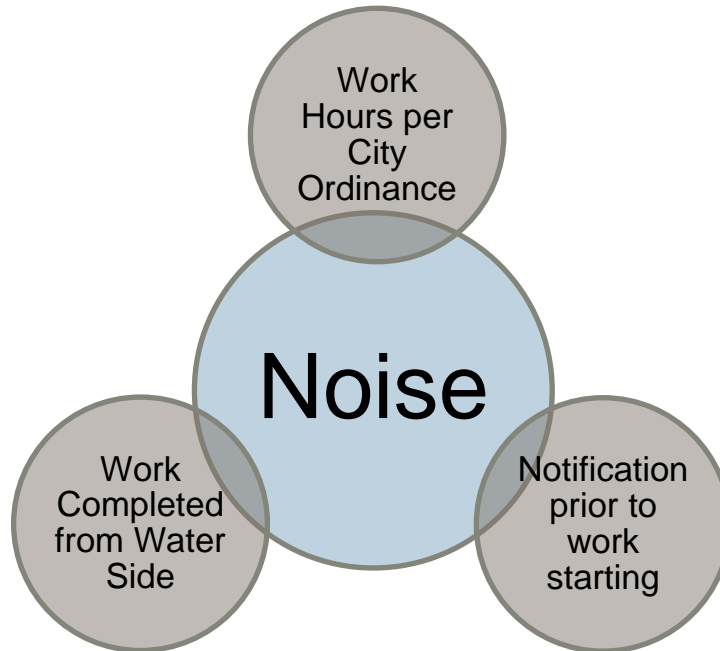
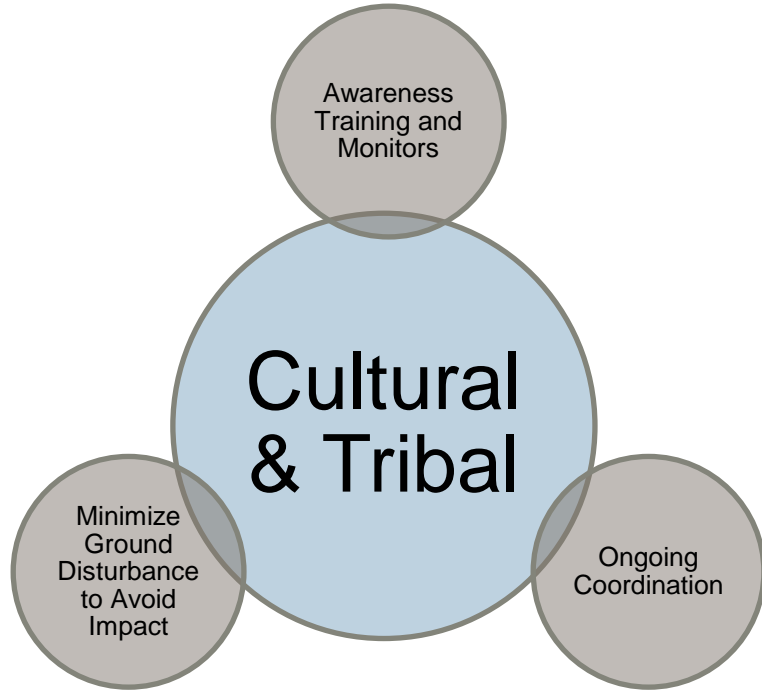
2022 SUPPLEMENTAL EIR/ EA CEQA AND NEPA RESOURCE, AVOIDANCE, MINIMIZATION AND MITIGATION





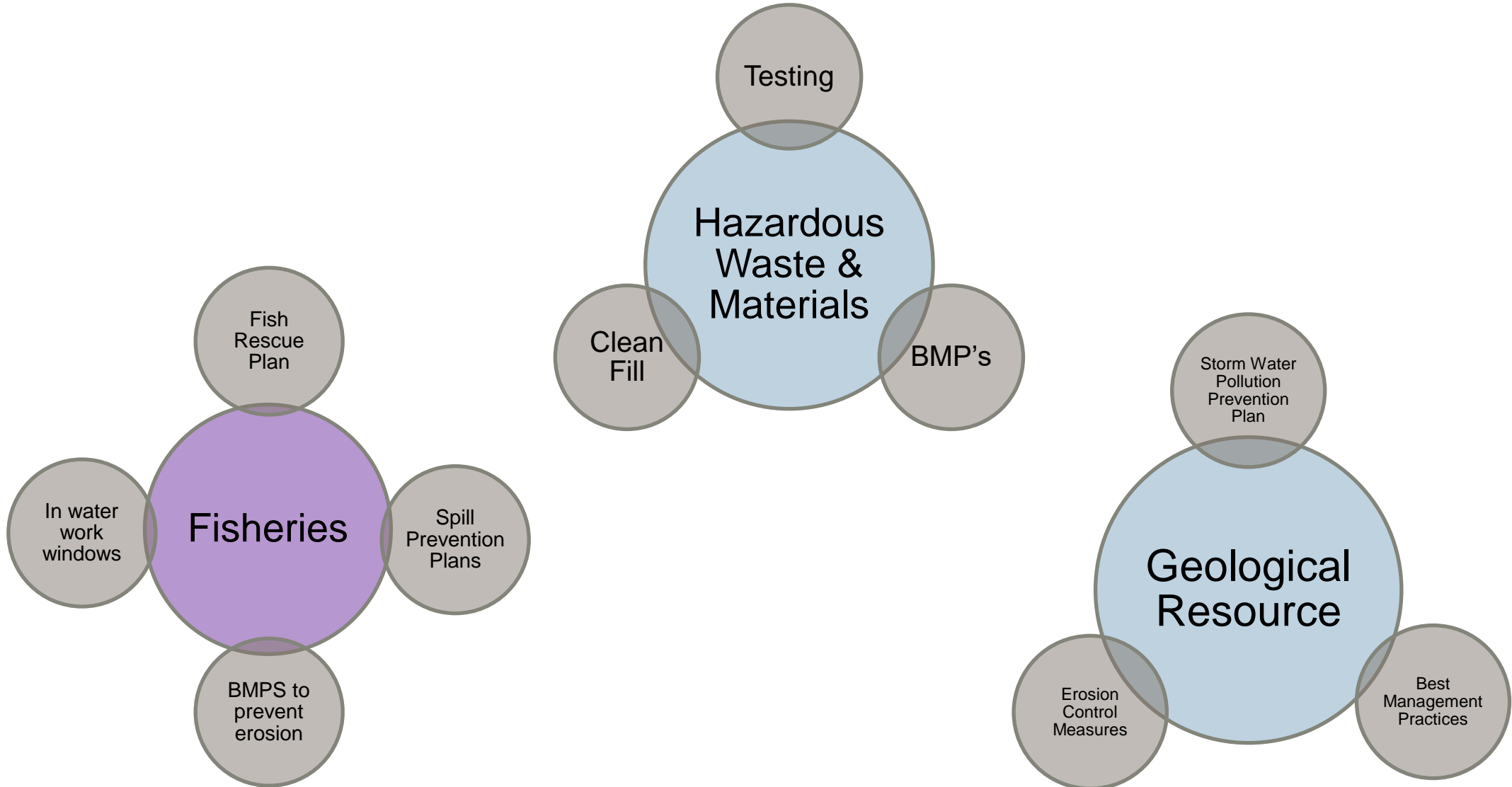
2022 SUPPLEMENTAL EIR / EA CEQA AND NEPA

RESOURCE, AVOIDANCE, MINIMIZATION AND MITIGATION





2022 SUPPLEMENTAL EIR / EA CEQA AND NEPA RESOURCE, AVOIDANCE, MINIMIZATION AND MITIGATION





WILDLIFE AND HABITATS



Endangered Species Act

– National Marine Fisheries Service (NMFS)

Four Listed Species: Sacramento River Winter run Chinook Salmon, Central Valley Spring run Chinook Salmon, Central Valley Steelhead and Green Sturgeon

– US Fish and Wildlife Service (USFWS)

Three Listed Species: Valley Elderberry Longhorn Beetle (VELB), Delta Smelt and Western Yellow billed Cuckoo (YBCU)

– State Listed Species

Swainson's hawk, white-tailed Kite, purple martin, western pond turtle, rare plants and a variety of bat species.

Fish and Wildlife Coordination Act (FWCA)

oak woodland, riparian forest, riparian shrub-scrub and emergent wetland





Home / Missions / Civil Works / Sacramento Levee Upgrades




Project Overview

American River Levees


Sacramento River Levees

Sacramento Weir

Mitigation

Subscribe for Construction & Traffic email updates 

Project Information Tri-fold 

Construction Work Inquiry & Concern Submission Form 

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 2 Construction
- Sacramento River East Levee Contract 3 Construction
- Sacramento River East Levee Contract 4 Design
- Sacramento River Erosion Contract 1
- Sacramento River Erosion Contract 2
- American River Contract 1
- American River Contract 2



CEQA AND NEPA COMMENTS



Draft Supplemental SEIR and SEA are available at:
sacleveeupgrades.com, www.cvfpb.ca.gov/public-notice and at the
Sacramento Central Library

Public Comment Period (45 days): April 15, 2022 to May 29, 2022

Final Document: Anticipated October 2022



HOW TO PROVIDE COMMENTS



1. Write to

Name
Department of Water Resources
3464 El Camino Ave, Room 150
Sacramento Ca 95821

OR

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

2. Email

PublicCommentARCF16@water.ca.gov

ARCF_SREroC2@usace.army.mil

Please use “SR Erosion Contract 2 SEIR/SEA” in the subject line



THANK YOU FOR ATTENDING THE SR EROSION CONTRACT 2 PUBLIC MEETING

