PUBLIC MEETING

27 July 2020
HOW TO PROVIDE COMMENTS

During the Meeting:
- Questions or comments may be typed into the WebEx “chat” function
- Time-permitting, we will address comments in Q&A after the presentation

Comment Period is open until August 26th, 2020.

Mail:  U.S. Army Corps of Engineers,
       Sacramento District
       1325 J Street, Room 1513
       Sacramento, CA 95814

Email:  spk-pao@usace.army.mil

-OR-

Miles Claret
Department of Water Resources
3464 El Camino Avenue, Room 150
Sacramento, CA 95821

Email:  PublicCommentARCF16@water.ca.gov

Use “Sacramento River 55.2L Project” in the subject line
PUBLIC MEETING OUTLINE

1) Overarching Project and Environmental Analysis:
   American River Watershed Common Features 2016
   Environmental Impact Statement / Environmental Impact Report

2) Current Project and Environmental Analysis:
   Sacramento River Erosion Contract 1: River Mile 55.2 Left Bank
   (55.2L) Protection Project Supplemental EA / Supplemental EIR
       - Project Background
       - Project Design and Construction
       - Environmental Analysis

3) Opportunity for Questions & Comments
AMERICAN RIVER WATERSHED COMMON FEATURES 2016 (ARCF 16) ENVIRONMENTAL IMPACT STATEMENT / ENVIRONMENTAL IMPACT REPORT

The Overarching Project and Environmental Analysis
ARCF 16 PROJECT NEED

February 1986
200-year flood risk map and proposed/active levee improvements under the ARCF 2016 Project
ARCF 16 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

Sacramento Area Flood Control Agency
The ARCF 2016 Project (and the current Erosion project) are authorized under:

- Water Resources Development Act (WRDA) of 2016
SACRAMENTO RIVER EAST LEVEE, RIVER MILE 55.2
BANK PROTECTION PROJECT (55.2L)

Current Project and Environmental Analysis
Critical area:
A 1,150 foot levee section along the Sacramento River at river mile 55.2 on the east (left) bank.
55.2L PROJECT NEED

Risks to Levee Section:
Levees narrowly confine the river which leads to high velocities.

High velocities and wind waves/boat wakes could lead to further erosion which could jeopardize the levee.

Velocity map for the maximum flow at 115,000CFS (future without project).
Project design includes:

- Bank protection:
  - Rock placement on the river side of the levee

- Planting bench:
  - Creates habitat for fish and wildlife

- Instream woody material:
  - Creates habitat for fish
Typical cross section bank protection and planting bench
In-stream wood:
- Each tree 23 - 35 feet in length and 10 – 24 inch diameter (at 4.5 feet above the roots)
- Alternating groups of 3 and 5 trees
- Groups spaced 5 to 10 feet apart.

Over view of IWM design
In-stream wood is designed to have the majority of the tree under the average low flow water surface elevation (7 ft) of August, September, and October, with some sticking out of the water for boater safety.
ACCESS ROUTES

Construction personnel access:
• Via existing streets and levee road
• Parking on levee road

Equipment and material delivery:
• Access from the river via barge.
CONSTRUCTION SCHEDULE

The project’s anticipated schedule:
• Tree Removal and trimming: Winter 2020/2021
• Phase 1: out of water work including best management practices installation.
• Phase 2: in water work including the construction of the bank protection and planting bench.
• Planting: Spring 2022 followed by monitoring and maintenance according to a management plan being developed for the project.

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<th>Nov 2020 to Feb 2021</th>
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Construction would follow the city’s noise ordinances
• limit construction activities to 7 am to 7 pm Monday through Saturday and 9 am to 6 pm on Sundays.

Subscribe to construction and traffic email updates at sacleveeupgrades.com
SUPPLEMENTAL EA/EIR

• The 2016 ARCF EIS/EIR analyzed the basic erosion protection measures.

• This SEA/EIR analyzes the effects on resource areas due to construction elements. The construction elements have been identified through project design and refinement.

Resource Areas Analyzed

• Visual Resources
• Water Quality
• Vegetation and Wildlife
• Fisheries
• Special Status Species

• Air Quality
• Climate Change
• Noise
• Recreation
• Cultural Resources
• Hazardous Wastes and Materials
MITIGATION MEASURES

The planting bench will mitigate for impacts to vegetation, wildlife, and fish species. It will provide habitat for:

- Western Yellow-billed Cuckoo migration
- nesting Swainson’s Hawks
- listed fishes by creating shade

Additional mitigation is to be implemented at a future date in coordination with USFWS and NMFS according to Section 7 consultation.
IWM: HABITAT FOR JUVENILE SALMON, STEELHEAD, AND GREEN STURGEON
ENVIRONMENTAL COMMITMENTS AND CONSISTENCY DETERMINATIONS

Environmental commitments from the following documents would be followed:
- 2016 ARCF EIS/EIR
- Biological Opinions (NMFS, USFWS)
- Section 401, Water Quality Certification (Central Valley Regional Water Quality Control Board)

CVFPB would demonstrate consistency with the Delta Plan and the Delta Reform Act through the Covered Actions process in coordination with the Delta Stewardship Council.
NEPA/CEQA NEXT STEPS

The Draft Supplemental EA/EIR is available at:  
[sacleveeupgrades.com](sacleveeupgrades.com)

Public comment period: July 11<sup>th</sup> through August 26<sup>th</sup> 2020

Final document anticipated to be adopted/certified:  
late 2020 or early 2021
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
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THANK YOU!