



The city of Sacramento is at risk of flooding. Watershed comprises three principal streams: North, Middle and South Forks of the American River, that flow westward into Folsom Lake, through the City of Sacramento and into the Sacramento River. To reduce the very high flood risk to approximately **530,000 people** and **125,000 structures** within the Sacramento Metropolitan Area this project is authorized to construct improvements to address seepage/ stability (18 miles), overtopping (5 miles and weir and bypass) and erosion (21 miles.

Seepage/Stability/Overtopping Contracts

- Reach D, C1 Construction Completion Date 7JAN20
- Magpie Design Ready to Advertise 22SEP26
- Sacramento River East Levee Contracts (SREL CX)
- SREL C1 Construction Completion Date 8FEB21
- SREL C2 Construction Completion Date 31AUG22
- SREL C3 Construction Completion Date 310CT23
- SREL C4 Construction Completion Date 29JUL24
- SREL C5 Construction Completion Date 30SEP25

Erosion American River Contracts (AR CX)

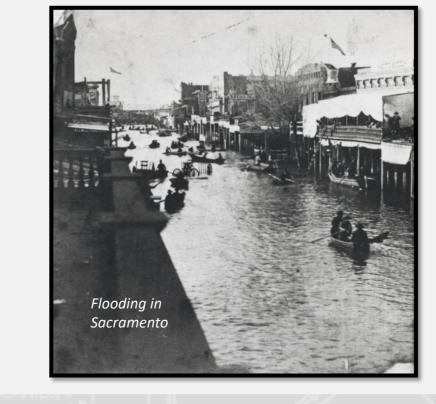
- AR C1 Construction Complete 31MAR23
- AR C2 Construction Complete 310CT23
- AR C3A Advertised 04MAR24
- AR C3B N/S Design Ready to Advertise 12JUN26
- AR C4A Design Ready to Advertise 21JAN27
- AR C4B Design Ready to Advertise 3OCT28

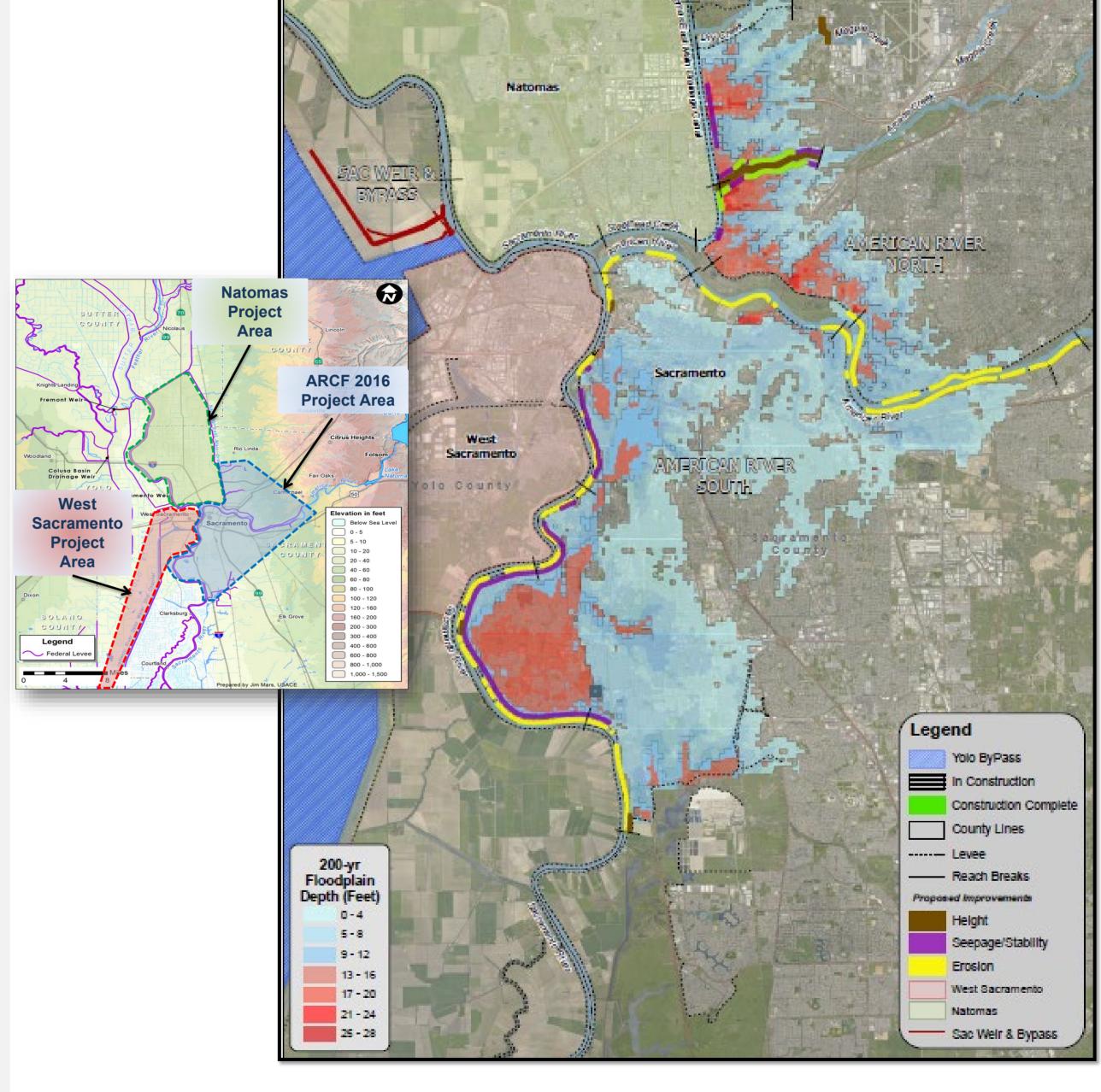
Erosion Sacramento River Contracts (SR CX)

- SR C1 Construction Completion Date 23SEP22
- SR C2 Construction Completion Date 31OCT24
- SR C3 Design Ready to Advertise 15OCT24
- SR C4 Construction Completion Date 31OCT24
- Weir Widening Construction Completion 30DEC27
- Bypass Construction Contract Awarded 3JUL20 (DWR)
- Mitigation ARMS 95% Design Completion 30MAY25

 Visit our CONGRESSIONAL PORTAL

for detailed project information













PROJECT PLACEMAT

AMERICAN RIVER COMMON FEATURES (ARCF) 2016









Authorized Project Features 13 miles

21 miles

Levee Stabilization 5 miles

Levee Raises 5 miles

Widen Sacramento Weir and Bypass 1500 feet

Risk Reduction

475,323 Population

Structures 111,600

\$698 **Expected Damages**

LEVEE INSTABILITY THROUGH-SEEPAGE Saturated soil and sand layers may cause levee slopes to slump, When the river is near flood-stage, or levee foundation to settle, risking levee failure at flood stage. high water pressure at some locations causes seepage through the levee. SEEP ON LEVEE SLOPE EXISTING OR **FUTURE RESIDENCES** - LEVEE WATER SAND SEEPAGE River Level at Flood Stage RIVER **BANK** CLAY-LOAM SOIL LEVEE FOUNDATION INTERMIXED SAND AND GRAVELS SEEPAGE High river levels lead to seepage through sandy and gravelly soils. High water pressure beneath the surface can emerge at the land-side levee toe, causing sand boils, and can also appear at the surface up to several hundred feet land-side of the levee. SILTS AND CLAYS

Waterside Landside Up to 1/2 Levee height degraded during construction ROW width varies Planting Berm Cutoff Wall **Bank Protection** Extent of SWIF (Future without Project) Right-of-Way (Future without Project) Construction Footprint Extents of Vegetation Variance (PED)

Economic Summary October 2021, 7% Discount (\$1000s)

Recommend Plan	ARCF (LPP)
Investment Costs	
Flood Control First Costs	\$1,807,973
Interest During Construction	\$108,079
Total (Including all Spent Costs)	\$1,916,052
Average Annual Cost	\$165,999
Average Annual Benefits	515,607
Net Annual Flood Risk Management Benefits	349,608
Benefit to Cost Ratio	3.1





billed Cuckoo

Delta Smelt

Cutoff Walls

Bank Protection



Valley Elderberry

Longhorn Beetle







