



# American River Common Features 2016 American River Erosion Monthly Update August 2023

## Highlights (last 30+ days)

Flows have declined to normal summertime levels allowing construction to proceed as planned.

### Contract 1 (Site 2-1)

All construction work is complete.

### Contract 2 (Site 2-3 & 2-2, Season 2, H St. bridge to Howe Ave)

At site 2-3, the contractor began installing rock tiebacks and has completed about 40% of them. Site 2-2 near Howe Ave bridge began striping and grubbing in preparation to install bank toe protection and a planting bench.

**CAUTION:** Haul trucks are now using the access point at University Park. For your safety, please respect all signage and flaggers where the haul route crosses the bike path beneath Howe avenue.

### Mitigation Contract C (Rio Americano and Rossmoor West sites)

We completed installation of irrigation and placing additional plantings within the Rio sites and we started supplemental plantings in Rossmoor West.

### Mitigation Contract E1A (Paradise Bend)

Hand watering of transplanted elderberry shrubs continued.

## Looking Ahead (next 30+ days)

### Current Activity - What can I expect?

**Work hours:** Monday-Saturday from 7 a.m. to 6 p.m. and Sunday 9 a.m. to 6 p.m.

### Contract 1 (Site 2-1)

Revegetation of Site 2-1 will begin in September.

### Contract 2 (Site 2-3 & 2-2, Season 2, H St. bridge to Howe Ave)

At site 2-3, the contractor will continue excavating trenches and placing riprap for launchable spurs and tiebacks.

At site 2-2, the contractor will begin installing bank toe protection and a planting bench.

### Mitigation Contract C (Rio Americano and Rossmoor West sites)

These sites are fully planted and now are being irrigated, maintained and monitored for performance.

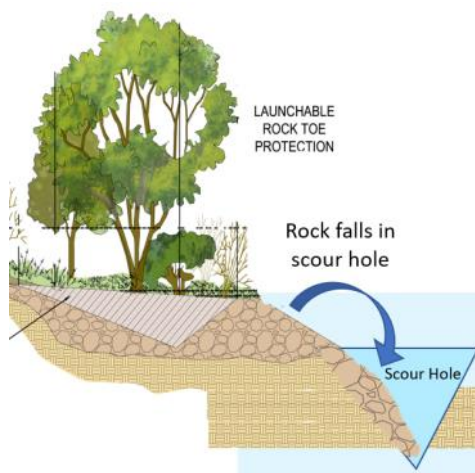
### Mitigation E1A (Paradise Bend)

Locust stump removal should begin followed by installation of the irrigation and additional plantings within the site.

## Question of the Month

**How does a launchable rock toe and planting bench work to protect the levee?**

Protecting the levee isn't just about protecting the visible structure above ground but protecting the levee foundation beneath which extends well out into the river channel. During a high-water event, vertical erosion in the river channel can weaken the levee foundation. To avoid covering the river bottom with riprap, some designs create a pile of rock along the water's edge. If a scour hole forms in the channel, then the rock will fall into the hole and stop the erosion. This pile of rock can also be formed to hold soil and create a planting bench for waterside vegetation which benefits fish. We call these designs "launchable rock toes with planting bench".



### Information Resources:

**Project Webpage:**

[www.sacleveeupgrades.com](http://www.sacleveeupgrades.com)

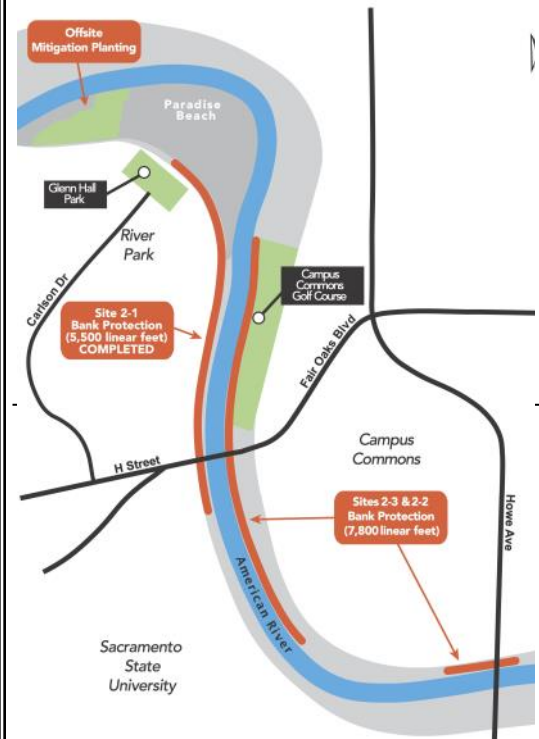


**Contact Information:**

For questions or concerns, contact

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### Upcoming Milestones

#### LAR Contract 1 & 2 season 1

Revegetation

September—October 2023

#### LAR Contract 2

Construction (Season 2)

May - November 2023

#### Mitigation E1A

Final Vegetation Clearing

November 2023

Additional information regarding this project can be found at

[www.sacleveeupgrades.com](http://www.sacleveeupgrades.com)

*\*All Dates Subject to Change*