



AMERICAN RIVER COMMON FEATURES PROJECT

AGENDA ITEM 12A RESOLUTION 2014-27

OCT 24, 2014



BOARD ACTION

Consider approval of Res. No. 2014-27 to:

- Adopt the Mitigated Negative Declaration, Findings, and Mitigation, Monitoring and Reporting Plan for the R3A, L10, L7 and R7 Levee Improvement Projects;
- Delegate authority to the Executive Officer to execute the Notice of Determinations;
- Approve the R3A, L10, L7 and R7 Levee Improvement Projects

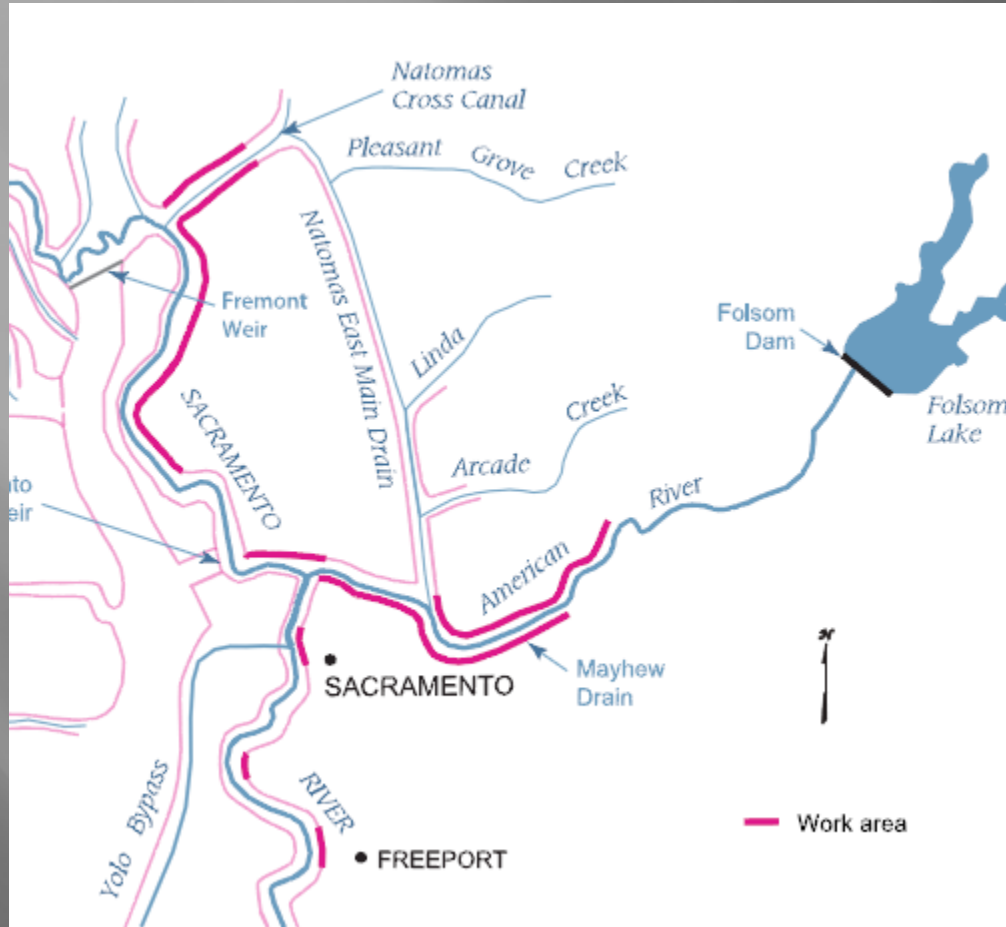
PROJECT INFORMATION



- Project Partners
 - Federal – US Army Corps of Engineers
 - State – Central Valley Flood Protection Board
 - Local – Sacramento Area Flood Control Agency



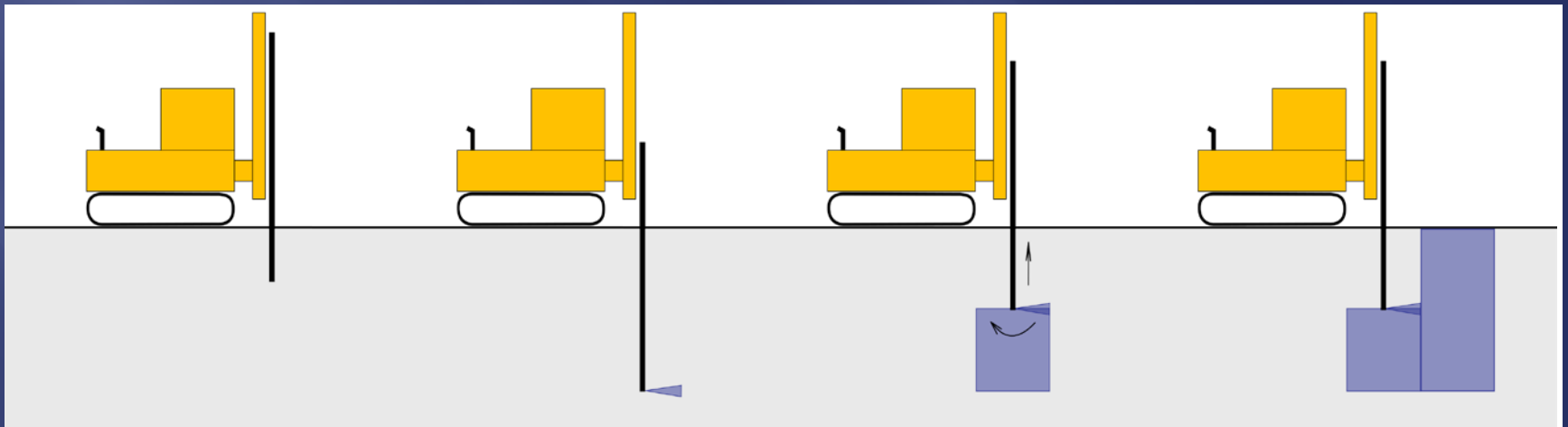
PROJECT BENEFITS



- Increasing American River's capacity to 160,000cfs
- Accommodates Folsom Dam Modifications Project

Jet Grout Methodology

- All project cut-off walls will use Jet Grout method.
- Jet Grout technique includes a drilling phase followed by withdrawal and rotation with simultaneous injection of fluids at high pressure to form columns.
- Columns are overlapped to form a cut-off wall.

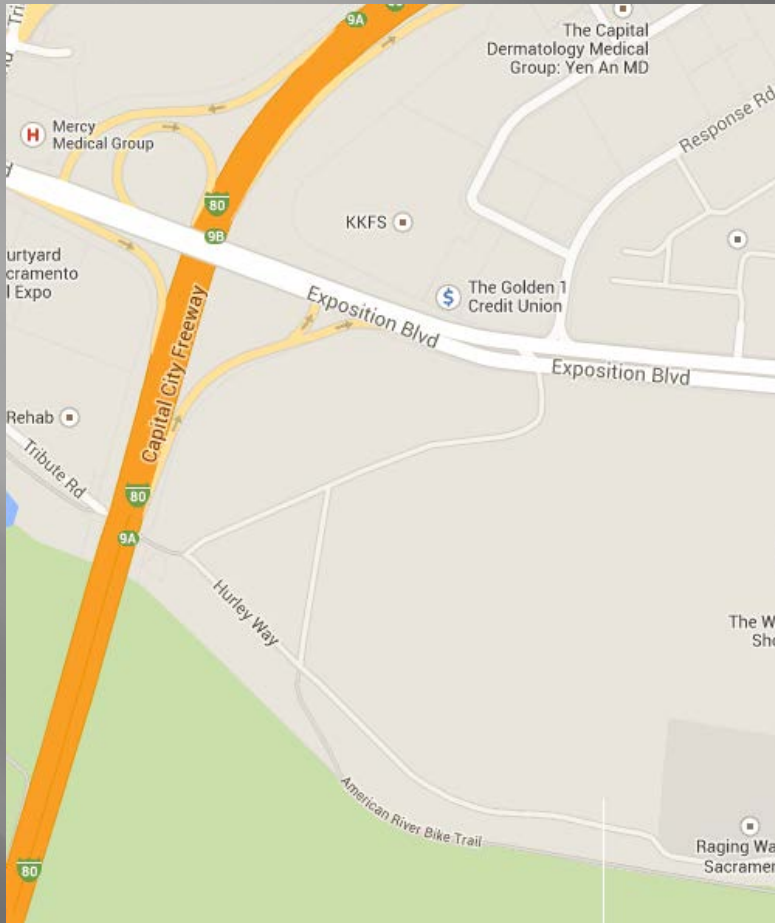




EA/IS Recirculation

- The original EA/IS was approved during the December 20, 2013 CVFPB meeting.
- The recirculation addresses minor changes to sites R3A, L10 and R7 involving working hours.
- Site L7 has undergone extensive changes including a partial site redesign.

Site R3A



Location of R3A Project

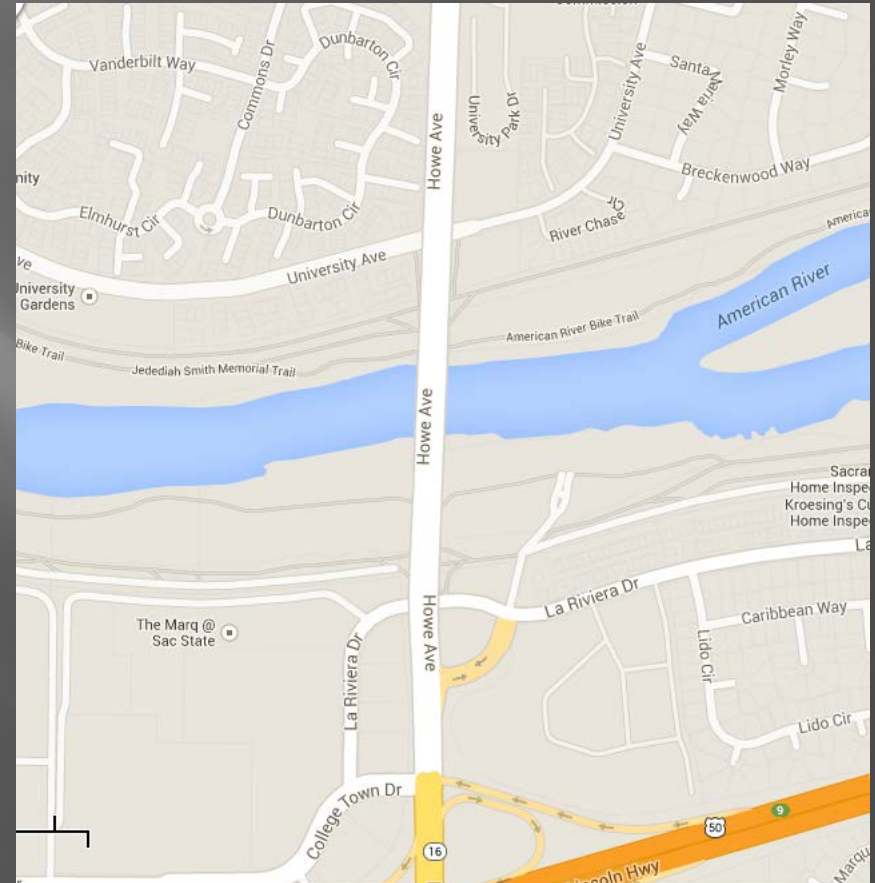
- Off of Business I-80, across from Cal Expo.
- Approximately 150ft of jet grout cut-off wall installation.
- Construction hours for Site R3A will be modified to 7:00AM to 10:00PM on an as-needed basis

Site L10



Location of L10 Project:

- Along the south side of the American River at Howe Ave Bridge.
- Approximately 335ft of jet grout cut-off wall installation.
- Construction hours for Site L10 will be modified to 7:00AM to 6:00PM.

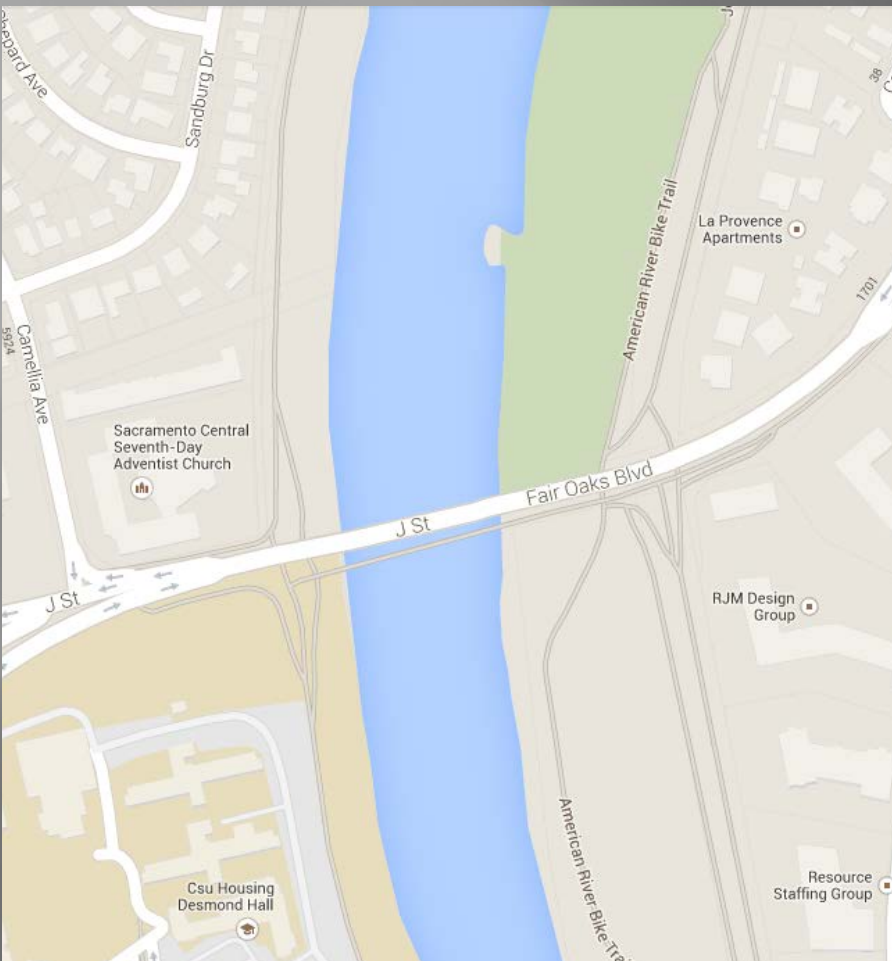


Sites R7 and L7 Location



Location of R7 and L7 Projects

- Off H Street (Fair Oaks) Bridge.
- Near Sacramento State University.



Site R7 Information



Description of R7 Project:

- Existing levee approximately 11 feet height and a crown width of approximately 10 to 15 feet, with an asphalt road on the levee crown on both sides of bridge.
- Approximately 175ft of jet grout cut-off wall installation.

Site L7 Information



Description of L7 Project:

- Existing levee approximately 12 feet height and a crown width of approximately 18 to 20 feet, with an asphalt road on the levee crown on both sides of the bridge.
- Dirt ramps on both sides of the bridge connect the levee crown.
- Jet grouting will take place across the H Street Bridge roadway to create an impermeable cut-off wall.
(approach slab)

Site L7 and R7 Information



- Construction hours for Site R7 and L7 will be modified to 6:00AM to 10:00PM.
- Construction duration will be modified from four months to six months.
- Site R7 waterside staging area will be shared with Site L7.
- Construction vehicles and equipment will remain in the staging area through spring 2015.
- No winter season levee degrade.



Staff Recommendation

Board adopt Resolution No. 2014-27 which constitutes the Board's written findings and decision in the matter. The Resolution contains the following:

- Adoption of the Mitigated Negative Declarations
- Adoption of the Mitigation, Monitoring and Reporting Plans
- Delegate authority to the Executive Officer to execute the Notice of Determinations
- Approval of the American River Common Features Sites R3A, L10, L7 and R7

Purposed CEQA Findings



Questions?