

Flood System Repair Project (FSRP) Program Status Briefing

September 26, 2014

Meeting of the Central Valley Flood Protection Board

Dave Wheeldon, Chief
Flood System Sustainability Branch
FMO, Division of Flood Management

PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

Introductions and Meeting Purpose

FSRP Summary

Prop. 1E funded,
DWR-led project to
provide funding and
technical assistance to
LMAs for critical
repairs consistent
with the CVFPP



**FSRP Progress
to date**



**Successes /
Challenges**



Next Steps

FSRP Summary - Goals and Objectives

As a near-term SSIA action

FSRP will cost share with LMAs to:

- Repair documented critical problems of the Sacramento and San Joaquin SPFC systems:
 - Erosion, boils, slumps, hydraulic control structures, and channels
- Repair deteriorated levee patrol roads to ensure effective flood fighting capability
- Conduct proactive repair of minor levee problems, such as erosion sites shorter than 50 feet



FSRP Progress to Date

FSRP
Guidelines

Site Selection

Notices of
Eligibility

Project
Agreements

Planning,
Design
and
Permitting

Final Design
&
Construction

- Guidelines finalized July 2013
(<http://www.water.ca.gov/floodmgmt/fmo/fsrp/guidelines.cfm>)

- Describe program background and scope, cost share calculations, funding requirements

- Data Collection – Initial Field Reconnaissance, DWR and USACE inspection records, DWR Nule Program, LMA input

- Critical sites identified and vetted with LMAs

GUIDELINES

Flood System Repair Project

Authorized Under the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Proposition 1E), and the Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84)

July 2013



DEPARTMENT OF WATER RESOURCES
Division of Flood Management
3464 El Camino Avenue, Suite 200
Sacramento, CA 95821

Critical Site Selection

FSRP
Guidelines

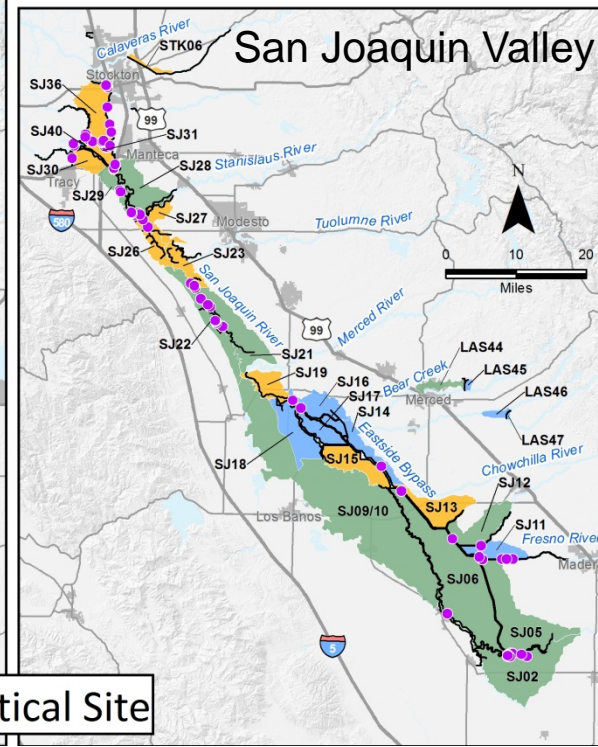
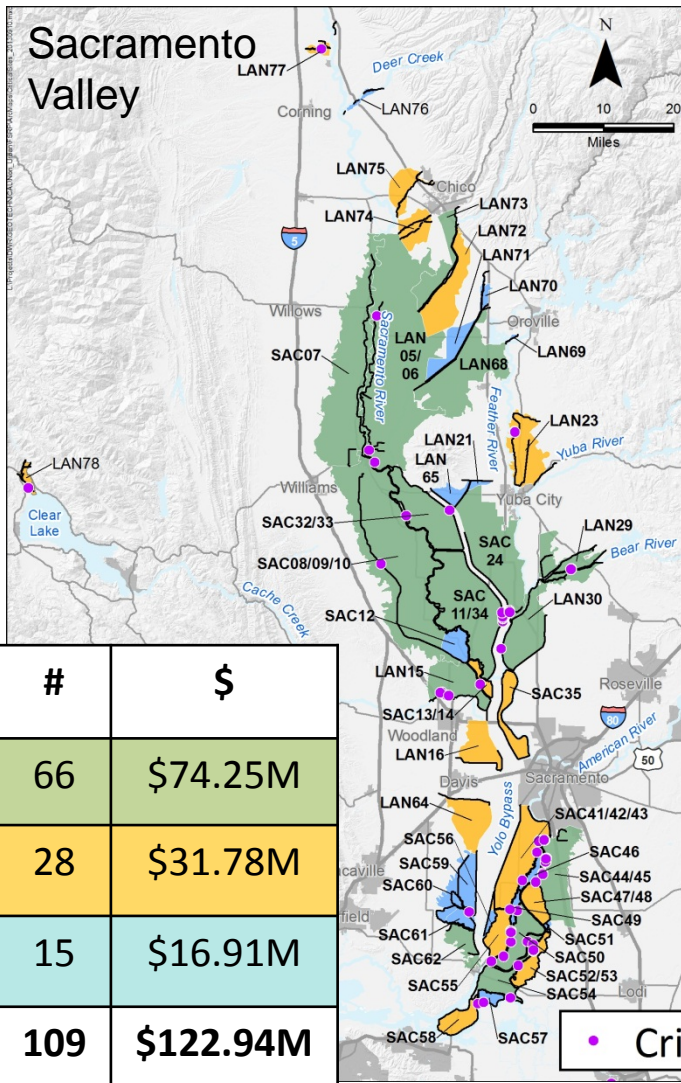
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- LMA collaboration throughout process
- Current funding sufficient for critical repairs

	#	\$
Tier 1	66	\$74.25M
Tier 2	28	\$31.78M
Tier 3	15	\$16.91M
Total	109	\$122.94M

FSRP Progress to Date

- Guidelines finalized
- Preliminary Reconnaissance/Data Gathering Complete
- Annual Reconnaissance and Outreach continuing
- Six Project Agreements completed (\$14M total), about ten are under development
 - Gravel road repair, control structure repair, erosion repair projects.

FSRP Implementation – Challenges



- LMA cost share
- LMA concerns on O&M assurances
- PL 84-99 eligibility issues
 - Non compliant levee penetrations and encroachments
 - FSRP will address PL 84-99 deficiencies within project boundaries as appropriate
- Gaps in coverage:
 - Encroachments and levee penetrations
 - Non-SPFC appurtenant facilities

FSRP Implementation – Next Steps

- Continue development of Project Agreements with interested LMAs
- Engage uninterested LMAs
- Annual site reconnaissance
- Develop Flood System Encroachment and Penetration Program (FSEPP)
- Secure Program Funding

FSRP Briefing Recap and Q&A

**FSRP will
cost share
with
LMAs to:**

- Repair documented critical problems
- Repair deteriorated levee patrol roads
- Conduct proactive repair of minor levee problems

**with a
goal of:**

- Improving flood protection to rural areas of the SPFC
- Strong coordination with LMAs to promote LMA leadership of projects
- Providing effective technical support to ensure LMA's project success



Flood System Repair Project (FSRP)

end

Dave Wheeldon, Chief
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FMO, Division of Flood Management

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Leveed Area Definition

FSRP
Guidelines

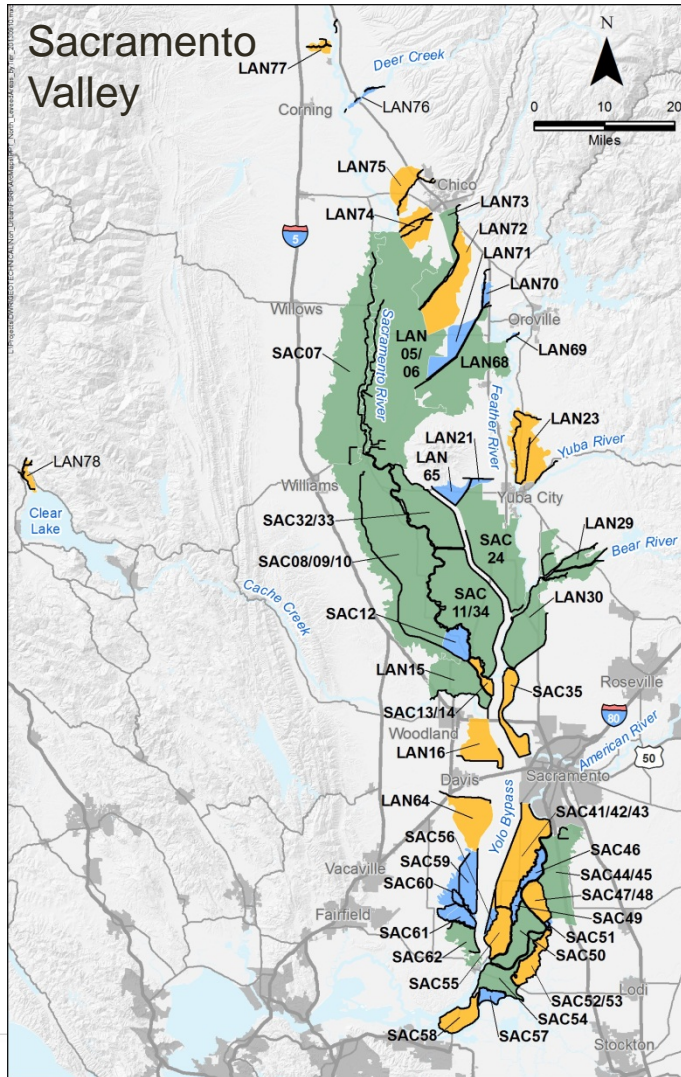
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Leveed Areas

Tier 1

Tier 2

Tier 3

