

Coordinating Committee Update

November 16, 2016

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Today's Discussion

- Updates to State Plan on Flood Control (SPFC) Reference Documents:
 - SPFC Descriptive Document
 - Flood System Status Report (FSSR)
- Draft Flood Management-Related Policy Issues & Recommendations

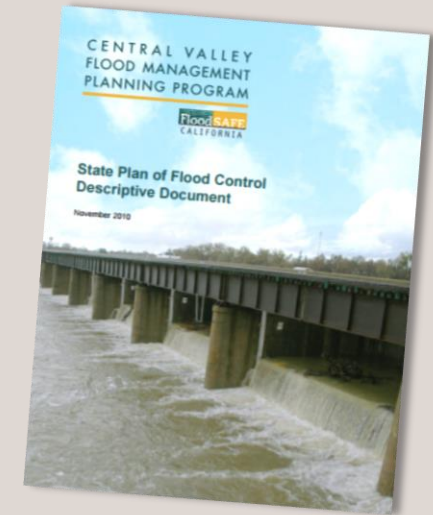
Updates to SPFC Reference Documents



SPFC Reference Documents

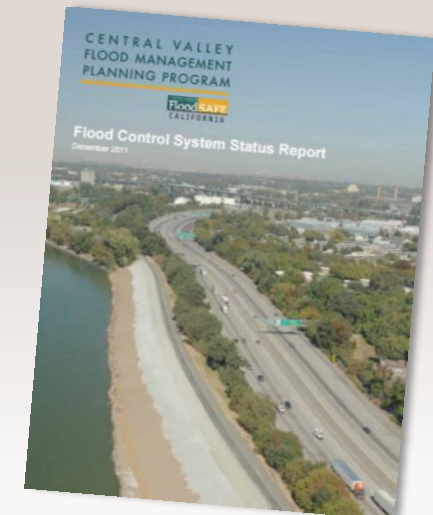
State Plan of Flood Control (SPFC) Descriptive Document, 2010

Provides detailed inventory / description of structures included in the SPFC



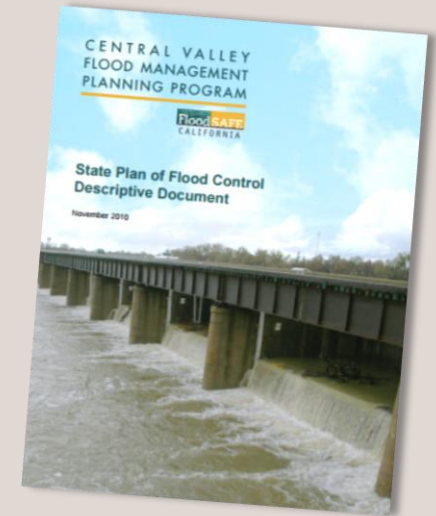
Flood Control System Status Report (FCSSR), 2011

Describes physical condition of SPFC facilities



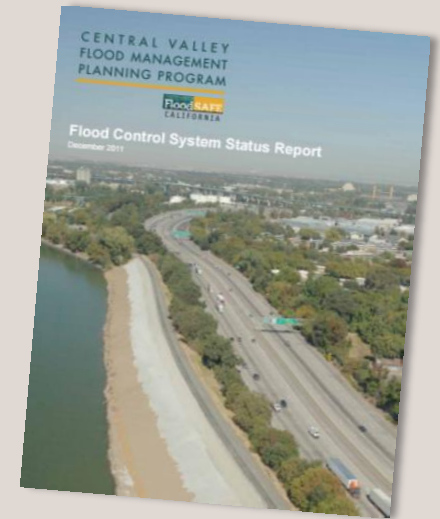
2016 Update to SPFC Descriptive Document

- Updates 2010 SPFC Descriptive Document
- Includes the following additional projects:
 - East levee Yolo Bypass (Mellin Levee)
 - Lower Feather River Setback Levee at Star Bend
 - Natomas Cross Canal South Levee Project



2016 Update to Flood Control System Status Report

- Updates 2011 Flood Control System Status Report
- Includes refined physical conditions baseline for levee, channel, and flood control structures
- Provides documentation of CVFPP implementation progress



Draft Flood Management Policy Issues

Overview & Recommendations

Flood-Management Related Policy Issues: 2017 CVFPP Update

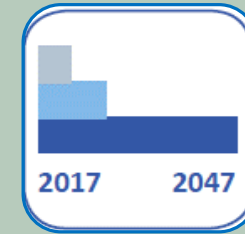
Land Use and Floodplain Management



Residual Risk Management



Hydraulic and Ecosystem Baselines and Program Phasing



Operations and Maintenance of the Flood System



Development of Multi- Benefit Projects



Effective Governance and Institutional Support











Coordination with Federal Agencies



Finance



	Flood Policy Description	Flood Policy Goal	Schedule
 Land Use & Floodplain Management			
 Residual Risk Management			
 Hydraulic & Ecosystem Baselines & Program Phasing			
 Operations & Maintenance of the Flood System			
 Development of Multi-Benefit Projects			
 Effective Governance & Institutional Support			
 Coordination with Federal Agencies			
 Finance			

Work plans to be developed to address policy issues

- **Why**
- **What**
- **when**

EXAMPLE

Flood-Management Related Policy Issues: 2017 CVFPP Update

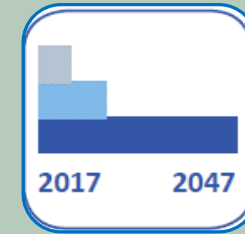
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Flood Management-Related Policy Issues: 2017 CVFPP Update

- All 8 policy issues have...
 - Summary statement that identifies the issue (Chapter 1)
 - Brief description and discussion of different perspectives on the issue (Chapter 2)
 - Additional detail and context for the issue to support recommendations (Chapter 3)
 - Recommended actions to address the issue (Chapter 4)

Land Use and Floodplain Management



ISSUE SUMMARY

Ongoing and planned development in the floodplain continues to intensify flood risk.

Sample Recommended Action:

- *Continue to work with the Agricultural Floodplain Ordinance Task Force to identify and recommend policies and actions that facilitate the wise use of floodplains and preservation of sustainable agriculture.*

Residual Risk Management



ISSUE SUMMARY

Flood risk can be reduced, but never eliminated. Commitment to enhanced resilience and public awareness falls short in many areas.

Sample Recommended Action:

- *DWR will perform a climate change vulnerability assessment to identify the anticipated physical extent that FEMA's Special Flood Hazard Areas may change during the design life of future State cost-shared investments.*

Hydraulic and Ecosystem Baselines and Program Phasing

ISSUE SUMMARY

Current regulatory practices hinder the ability to obtain credits for benefits of improvements made early in a long-term program to offset impacts that may occur later in the program, complicating phased implementation of CVFPP multi-benefit improvements.



Sample Recommended Action:

- *The State supports convening a DWR-led workgroup to determine the legal and institutional mechanisms whereby the systemwide elements of the CVFPP can be implemented over many decades, accounting for local and regional benefits and impacts.*

Operations and Maintenance of the Flood System



ISSUE SUMMARY

Underfunding and complex, time-consuming permits lead to a backlog of deferred maintenance and greater risk to life and property.

Sample Recommended Action:

- *Explore developing an SPFC annual subventions program for LMAs not already covered by the existing Delta Subventions program to proactively maintain the SPFC facilities to current State and federal standards.*

Development of Multi-Benefit Projects



ISSUE SUMMARY

Ineffective institutional frameworks have hindered implementation of multi-benefit actions.

Sample Recommended Actions:

- *Seek additional funding sources to incentivize multi-benefit projects.*
- *Facilitate processes with USACE for modifying SPFC facilities to allow addition of other project purposes.*

Effective Governance and Institutional Support



ISSUE SUMMARY

Overlapping authorities and conflicting mandates can complicate flood system improvements and maintenance and are partially the result of existing governance structures, which are inadequate to support the broad range of actions included in the CVFPP.

Sample Recommended Action:

- *The State, in coordination with the RFMPs, will provide assistance (technical or financial) to local agencies to advance regional governance within their regions.*

Coordination with Federal Agencies



ISSUE SUMMARY

Federal agencies share responsibility for flood management, but complicated coordination, policies, funding, and approvals slow progress.

Sample Recommended Action:

- *Consistent with the CVFPP, the State will continue to work closely with FEMA.*

Finance



ISSUE SUMMARY

Insufficient and unstable flood management funding has led to delayed investment and greater risk to life and property.

Sample Recommended Action:

- *It is recommended that appropriations from the State general fund for Central Valley flood management increase from the \$40M currently expected to \$160M annually.*

Implementing the CVFPP is a Shared Responsibility

- 2017 CVFPP Update refines the path toward funding and implementation activities, but tremendous shared responsibility and effort must occur to implement the CVFPP
- 2022 CVFPP Update will continue the progression toward an effective, resilient and sustainable flood management system

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