

Final Draft Technical Memorandum**Town of Yolo Flood Risk Reduction Feasibility Study
Small Communities Flood Risk Reduction Program***Conceptual Finance Plan**May 1, 2019***Prepared by:** Derek Larsen, P.E.**Reviewed by:** Elisabet Abdissa and David Lee**Purpose**

This memorandum has been prepared by Larsen Wurzel & Associates, Inc. (LWA) in support of the Town of Yolo Flood Risk Reduction Feasibility Study under the Department of Water Resources (DWR) Small Communities Flood Risk Reduction (SCFRR) Program. This memorandum identifies non-local matching funding sources that could be secured to implement the identified alternatives.

Approach

The conceptual finance plan applies information from the Funding Sources memos prepared by LWA with funding information provided by the local agencies to identify potential non-local matching funds to implement the preferred alternative. This memo does not address funding mechanisms for identified multi-benefit projects.

Selected Alternative

The preliminary alternative screening resulted in the following options being carried forward; 1) Restore/Repair Cache Creek Left Bank Levee to USACE 1957 Design Profile, 2) Fix-in-Place Cache Creek Left Bank Levee to Pass 100-year Flow, 3) FEMA Accreditation of Cache Creek Left Bank Levee per 44 CFR Section 65.10, and 4) FEMA Accreditation of highway and/or railway embankment(s). The State of California owns, operates, and maintains the Cache Creek levees.

Funding Sources

Table 1 provides a summary of potential State and federal structural funding sources that could be sought to complete proposed improvements.

Table 1
Town of Yolo - Conceptual Finance Plan
Funding Sources by Solution Matrix

Funding Program	Agency	Structural		Study/Plan/OMRR&R	
		Levees/ Floodwalls/ Dams/ Erosion	Bypasses	Feasibility Study /Flood Management Plan	OMRR&R
Small Communities Flood Risk Reduction (SCFRR) Program	DWR	X	X	X	
Flood System Repair Projects (FSRP)	DWR	X	X		
Flood Maintenance Assistance Program (FMAP)	DWR				X
Flood Mitigation Assistance (FMA)	FEMA		X		
Pre-disaster Mitigation (PDM)	FEMA	X	X		
Hazard Mitigation Grant Program (HMGP)	FEMA	X	X		

Notes:

[1] Potential Funding Programs Identified by LWA from the Funding Sources Memo.

Table 2 provides a summary of potential State and federal non-structural funding sources that could be sought to complete proposed improvements.

Table 2
Town of Yolo - Conceptual Finance Plan
Non-Structural Funding Sources by Solution Matrix

Funding Program	Agency	Non-Structural	
		Voluntary Structure Elevation & Floodproofing	Study/ Plan/ O&M
Small Communities Flood Risk Reduction Program (SCFRRP)	DWR	X	X
Flood Mitigation Assistance (FMA)	FEMA	X	
Pre-disaster Mitigation (PDM)	FEMA	X	
Hazard Mitigation Grant Program (HMGP)	FEMA	X	
Flood Damage Reduction Projects (FDRP)	USACE	x	X
Flood-Related Continuing Authorities Program (FRCA)	USACE	x	X

Recommended Next Step

The County should work to determine if advancing a land-based assessment or other local funding mechanisms would be a viable approach to raise local funding to advance the preferred alternatives. Continued coordination with the State of California will be necessary given the State, operates and maintains the Cache Creek levee system.