

BOND EXPENDITURE PLAN

FISCAL YEAR 2008-09

ADDENDUM

AUGUST 2008

PREPARED BY
DEPARTMENT OF WATER RESOURCES



ADDENDUM

The accompanying Proposition 1E Bond Expenditure Plan contains proposed appropriation amounts consistent with the 2008-09 Governor's Budget. Through the Spring Finance Letter (SFL) process, an additional \$262,510,000 was requested from Section 5096.821 of Proposition 1E, increasing the total to \$581,558,000 as listed in the table below.

PROPOSITION 1E BOND APPROPRIATION PLAN (Revised)

Section	Amount Available ¹	Description	FY 2007-08 Appropriation	FY 2008-09 Appropriation	FY 2008-09 SFL	FY 2008-09 Total Request	Remaining Amount
\$5096.821	\$2,895,000,000	Repair and improve Delta levees and Central Valley flood control system	\$441,657,000	\$319,048,000	\$262,510,000	\$581,558,000	\$1,871,785,000
\$5096.824	\$482,500,000	State Flood Control Subventions	\$0	\$106,000	\$0	\$106,000	\$482,394,000
\$5096.825	\$279,850,000	Floodway Corridor Program	\$2,000,000	\$40,061,000	\$0	\$40,061,000	\$237,789,000
\$5096.827	\$289,500,000	Stormwater Flood Management Grants	\$0	\$102,000,000	\$0	\$102,000,000	\$187,500,000
Total:	\$3,946,850,000		\$443,657,000	\$461,215,000	\$262,510,000	\$723,725,000	\$2,779,468,000

¹Amount available after payment of 3.5 percent for statewide bond costs.

Additional Projects and Activities

The additional projects and activities requested through the SFL process are listed below and have been added to the revised table titled "Propositions 1E and 84 Bond Expenditure Plan FY 2008-09" in this addendum.

Capital Outlay Projects and Studies

\$254,002,000 – Proposition 1E, Section 5096.821

The requested funds will increase the Capital Outlay proposed funding from \$135,956,000 to \$389,958,000. The additional funds would be leveraged against at least \$78,564,000 in local and federal funds for the added projects listed below:

1. American River (Common Features) Project
2. Folsom Dam Modifications Project
3. Marysville Ring Levee Reconstruction Project
4. Natomas Levee Improvement Program
5. Yuba River Basin Project
6. 2008-09 Early Implementation – West Sacramento Project

**Element 4.a. FloodSAFE California Augmentation**

\$7,500,000 – Proposition 1E, Section 5096.821

The requested funds will be used to support the evaluation and development of a Statewide Flood Management Plan and to update the Central Valley Flood Management Plan.

Establishment of the Central Valley Flood Protection Board (CVFPB)

\$1,008,000 – Proposition 1E, Section 5096.821

The requested funds will be used to support the CVFPB which replaced the Reclamation Board effective January 1, 2008, authorized by Chapters 365 and 366, Statutes of 2007 (Senate Bill 17 and Assembly Bill 5).



**PROPOSITIONS 1E AND 84 BOND EXPENDITURE PLAN (\$ in thousands)
FY 2008-09 (Revised)**

Element Sub-Element Program	Prop 1E Request			Fed Funding Available to Match Prop 1E Request ⁵	Prop 84 Funding Request	Total Prop Funding Request	Fund Source
	Funding	Fed Cost- Share ⁴	Local Cost- Share ⁴				
Element 1 - Make Urgent Repairs & Improvements to State-federal Flood Control System in Central Valley							
1.a. - State-federal Flood Control System Modifications State-federal Flood Control System Modification	\$171,473 ¹	Maximum ²	Maximum ²		\$575	\$172,048	Prop 1E Sec. 5096.821
Capital Outlay							
Feasibility Studies Frazier Creek/Strathmore Creek Feasibility Study					\$340 ⁶	\$340	Prop 84 Sec. 75032 ³
Rock Creek - Keefer Slough Feasibility Study					\$526 ⁶	\$526	Prop 84 Sec. 75032 ³
White River/Deer Creek Feasibility Study					\$340 ⁶	\$340	Prop 84 Sec. 75032 ³
Merced County Streams Project - Bear Creek Unit (GRR)	\$1,300	\$2,000	\$1,000			\$1,300	Prop 1E Sec. 5096.821
Construction							
Mid-Valley Levee Reconstruction Project	\$1,976	\$8,060	\$806	\$250		\$1,976	Prop 1E Sec. 5096.821
South Sacramento County Streams	\$1,180	\$2,749	\$444	\$9,500		\$1,180	Prop 1E Sec. 5096.821
Sutter Bypass East Borrow Canal Water Control Structures	\$4,000					\$4,000	Prop 1E Sec. 5096.821
Systemwide Levee Evaluations and Repairs	\$126,500	Maximum ²	Maximum ²			\$126,500	Prop 1E Sec. 5096.821
West Sacramento Project	\$1,000	\$3,000	\$300	\$4,500		\$1,000	Prop 1E Sec. 5096.821
Spring Finance Letters							
American River (Common Features) Project	\$6,154	\$25,800	\$2,580			\$6,154	Prop 1E Sec. 5096.821
Folsom Dam Modifications Project	\$3,532	\$9,000	\$1,454			\$3,532	Prop 1E Sec. 5096.821
Marysville Ring Levee Reconstruction Project	\$12,372	\$32,500	\$5,250			\$12,372	Prop 1E Sec. 5096.821
Natomas Levee Improvement Program	\$194,020	Maximum ²	Maximum ²			\$194,020	Prop 1E Sec. 5096.821
Yuba River Basin Project	\$554	\$1,800	\$180			\$554	Prop 1E Sec. 5096.821
Systemwide Levee Evaluations and Repairs (Positions Only - Funds requested previously)	\$0					\$0	Prop 1E Sec. 5096.821
2008-09 Early Implementation West Sacramento Project	\$37,370	Maximum ²	Maximum ²			\$37,370	Prop 1E Sec. 5096.821
Element 2 - Make Urgent Repairs and Improvements to the Flood Control System in the Delta							
2.a. - Programmatic Habitat Restoration					\$55,006	\$5,500	Prop 84 Sec. 75033
2.b. - Delta Risk Management Strategy (DRMS) Concepts Augmentation					\$2,000	\$2,000	Prop 84 Sec. 75033
2.c. - Levee System Integrity, a CALFED Program Delta Levees System Integrity					\$594,516	\$59,451	Prop 84 Sec. 75033
2.d. - Meins Landing Implementation					\$20,006	\$2,000	Prop 84 Sec. 75033



**PROPOSITIONS 1E AND 84 BOND EXPENDITURE PLAN (\$ in thousands)
FY 2008-09 (Revised)**

Element Sub-Element Program	Prop 1E Request			Fed Funding Available to Match Prop 1E Request ⁵	Prop 84 Funding Request	Total Prop Funding Request	Fund Source
	Funding	Fed Cost- Share ⁴	Local Cost- Share ⁴				
Element 3 - Manage the State-federal Flood Control System in the Central Valley							
3.a. - Sycamore Creek Diversion Channel Erosion Study Critical Erosion Repair	\$800					\$800	Prop 1E Sec. 5096.821
3.c. - Sediment Removal Program Sediment Removal Program	\$186 ¹					\$186	Prop 1E Sec. 5096.821
Element 4 - Plan to Meet Future Flood Management Needs							
Spring Finance Letter							
4.a. - State Plan of Flood Control and California Flood Plan FloodSAFE California Augmentation	\$7,500				\$2,000	\$9,500	Prop 1E Sec. 5096.821 Prop 84 Sec. 75032 ³
Element 5 - Perform Engineering Evaluation and Assessments of the State-federal Flood Control System and the Delta							
5.a. - Hydrology and Hydraulics Development Hydrology and Hydraulics Development	\$10,000					\$10,000	Prop 1E Sec. 5096.821
5.b. - Floodplain Evaluation and Delineation					\$500	\$500	Prop 84 Sec. 75031 ³
Element 6 - Support Flood Management Programs Outside the State-federal Flood Control System							
6.a. - Flood Control Subventions Flood Control Projects Subventions					\$73,700 ⁶	\$73,700	Prop 84 Sec. 75034
6.b. - Feasibility Study, Levee Evaluation, and Regional Flood Management Grants New Feasibility Studies and Levee Evaluations					\$30,839 ⁶	\$30,839	Prop 84 Sec. 75032 ³
6.c. - Floodway Corridor Program Floodway Corridor Program	\$40,000	Maximum ²	Maximum ²			\$40,000	Prop 1E Sec. 5096.825
6.d. - Flood Protection Corridor Program Flood Protection Corridor Program					\$12,600	\$12,600	Prop 84 Sec. 75032.5
6.e. - Alluvial Fan Task Force Implementation Floodplain Evaluation & Delineation					\$500	\$500	Prop 84 Sec. 75031 ³
Element 7 - Provide Emergency Preparedness and Flood Response							
7.a. - Enhance Flood Response & Preparedness (augment) Enhance Flood Response & Preparedness					\$3,000	\$3,000	Prop 84 Sec. 75032 ³
7.b. - Improve Readiness and Emergency Response - Major Delta Levee Failure Improve Readiness and Emergency Response - Major Delta Levee Failure					\$54,000	\$54,000	Prop 84 Sec. 75033
Bond Accountability and Management							
Bond Accountability and Management	\$800					\$800	Prop 1E Sec. 5096.821 5096.824 5096.825
Stormwater Flood Management							
Stormwater Flood Management Grants	\$102,000					\$102,000	Prop 1E Sec. 5096.827
Establishment of the Central Valley Flood Protection Board							
Spring Finance Letter							
Establishment of the Central Valley Flood Protection Board	\$1,008					\$1,008	Prop 1E Sec. 5096.821
SUBTOTAL - SPRING FINANCE LETTERS	\$262,510	\$69,100	\$9,464	\$0	\$2,000	\$264,510	
SUBTOTAL - GOVERNOR'S BUDGET	\$461,215	\$15,809	\$2,550	\$14,250	\$245,871	\$707,086	
TOTAL	\$723,725	\$84,909	\$12,014	\$14,250	\$247,871	\$971,596	

Footnotes:

¹Amounts include previously-authorized baseline funds that are not reflected in FY 08-09 BCPs.

²Maximum federal and local cost sharing to the extent timely implementation is not prohibited.

³Sections 75031 and 75032 of Proposition 84 are continuously appropriated.

⁴Federal and local cost share may be provided over multiple years.

⁵Estimates from U.S. Army Corps of Engineers on federal funds available in FY 08-09.

⁶Funds will be leveraged against both federal and local funds.



BOND EXPENDITURE PLAN

FISCAL YEAR 2008-09

REQUIRED PURSUANT TO
ARTICLE 4 OF THE
DISASTER PREPAREDNESS &
FLOOD PREVENTION BOND ACT
OF 2006 (PROPOSITION 1E)

DEPARTMENT OF WATER RESOURCES
AUGUST 2008



INTRODUCTION

In November 2006, the State of California authorized bond funding to significantly improve its flood management programs and infrastructure. The source of this funding is:

- a) the Disaster Preparedness and Flood Prevention Bond Act of 2006 (Proposition 1E) and
- b) the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Proposition 84).

Proposition 1E requires the Governor to submit an annual Bond Expenditure Disaster Preparedness and Flood Prevention Plan (“Bond Expenditure Plan”) for:

1. An investment strategy to meet long-term flood protection needs and minimize state taxpayer liabilities from flooding,
2. Proposed expenditures of bond funds, and
3. Federal appropriations and local funding to match those expenditures.

This year’s Bond Expenditure Plan provides proposed Proposition 1E expenditure information under the FloodSAFE California Initiative.

FloodSAFE California is a long-term strategic initiative developed to reduce flood risk in California. As top priority, FloodSAFE California will use an integrated statewide approach for managing California’s aging flood systems, considering our changing climate conditions and growing population. Careful planning is required to assure the wise and effective investment of bond funds over the long term. FloodSAFE California builds upon past and current flood programs to strengthen not only the State-federal Flood Control System in the Central Valley (Flood Control System), for which the State has provided legal assurances to the federal government, but also assists local governments throughout California in meeting flood control challenges and emergency response preparedness. The Department of Water Resources (DWR) will manage and monitor program activities requested in this proposal to achieve the goals of FloodSAFE California listed below:

- **Increase Flood Protection** – Reduce the likelihood of flood-related loss of life and damages for California communities, their homes and property, and critical infrastructure.
- **Improve Preparedness and Response** – Take actions prior to flooding that will help reduce the adverse consequences of floods when they do occur and allow for quicker recovery after flooding.
- **Support a Growing Economy** – Provide continuing opportunities for prudent economic development that supports robust regional and statewide economies.
- **Enhance Ecosystems** – Improve flood management systems in ways that enhance ecosystems and other public trust resources.



- **Promote Sustainability** – Take actions that improve compatibility with the natural environment and reduce the expected costs to operate and maintain flood management systems into the future.

FloodSAFE California encompasses flood control issues throughout the State of California as described below in the seven major elements:

- Element 1: Make urgent repairs and improvements to the State-federal Flood Control System in the Central Valley.
- Element 2: Make urgent repairs and improvements to the flood control system within the Delta.
- Element 3: Manage the State-federal flood control system in the Central Valley.
- Element 4: Plan to meet future flood management needs.
- Element 5: Perform engineering evaluations and assessments of the State-federal flood control system in the Central Valley and the Delta.
- Element 6: Support flood management programs outside the State-federal flood control system.
- Element 7: Provide emergency preparedness and flood response.

In addition to the seven elements listed above, DWR is obligated to ensure that the bond funds are used efficiently and effectively resulting in long-lasting, meaningful improvements to critical infrastructure and to provide the public with readily accessible information about how the bond funds they approved are being spent. As such, DWR will utilize a portion of the funds to support bond accountability and management activities, which include creating, maintaining, and coordinating data that feeds into various bond fund databases as well as reporting on bond fund expenditures to interests throughout the State.

The Division of Flood Management (DFM) and the Central Valley Flood Protection Board (Board) will manage the FloodSAFE California programs utilizing technical expertise from throughout DWR in areas such as engineering, planning, real estate, environmental planning, contract procurement, administration, etc. to ensure that programs are executed effectively and efficiently.



INVESTMENT STRATEGY

Development of an Updated State Plan of Flood Control

DWR's investment strategy calls for State, federal, and local participation. As required by Proposition 1E, DWR is developing an updated State Plan of Flood Control for the Central Valley as a major feature of the Central Valley Flood Protection Plan required in 2011 by Senate Bill 5. Local agencies across the State will be called upon to develop regional flood management plans. Together with the results of the Delta Vision process, these regional plans will be incorporated into the California Water Plan, which will contain a greater emphasis on flood protection than it has previously.

Flood management systems that are not part of the State Plan of Flood Control for the Central Valley, notably non-Project levees inside and out of the Central Valley, will be eligible for funding from Proposition 84. Last year, DWR used continuously appropriated funds from Proposition 84 to initiate cost-shared grant programs for non-Project levee repairs, evaluations, feasibility studies and regional flood management plans.

Flood Management Investment Priorities

DWR will give priority to protection of lives and property, reduction of state taxpayer liability, and development of a sustainable flood management system by:

- Performing critical repairs with the U.S. Army Corps of Engineers (Corps), if possible, and without the Corps, if necessary;
- Evaluating levees and other flood management facilities;
- Funding projects that will improve flood protection for urban areas to at least a 200-year level of flood protection and/or provide regional benefits;
- Developing an updated State Plan of Flood Control for the Central Valley and a Central Valley Flood Protection Plan to guide future investments;
- Repairing identified rural levee deficiencies where economically justified; and
- Constructing new or enlarged bypasses, flood corridors, setback levees, and other features that reduce regional flood risks, address climate change or offer multiple benefits.



PROPOSED EXPENDITURES OF PROPOSITION 1E BOND FUNDS

Bond Implementation

Proposition 1E allocates \$3 billion to repair and improve State-federal Project facilities that are part of the State Plan of Flood Control for the Central Valley, and to reduce the risks of levee failure in the Sacramento-San Joaquin Delta. After considering payment of \$105 million associated with the costs of bond issuance, the amount available in this fund was \$2.895 billion. As reported in last year's Bond Expenditure Plan, this amount is currently allocated as follows:

- A minimum of \$1 billion to provide a high level of flood protection to urban areas protected by State-federal Project levees.
- A minimum of \$300 million to provide design level flood protection to non-urban areas protected by state-federal Project levees where feasible.
- A minimum of \$500 million to reduce the risks of levee failure in the Sacramento-San Joaquin Delta.

The remaining \$1.1 billion will be distributed among these categories, based on priorities established by DWR in an update to the State Plan of Flood Control for the Central Valley to be developed by DWR and the Board with public input.

Proposition 1E also allocates funds for State Flood Control Subventions (\$500 million); Flood Protection Corridors and Floodplain Evaluations (\$290 million); and Stormwater Flood Management Grants (\$300 million).

Appropriation Plan for Bond Funds

The plan for appropriating Proposition 1E funds assumes that 3.5 percent of the funds from each section of the bond will be used for statewide bond costs.



PROPOSITION 1E BOND APPROPRIATION PLAN

Amount Section	Available ¹	Description / Program	FY 2007-08 Appropriation	FY 2008-09 Appropriation	Remaining Amount
§5096.821	\$2,895,000,000	Repair and improve Delta levees and Central Valley flood control system	\$441,657,000	\$319,048,000	\$2,134,295,000
§5096.824	\$482,500,000	State Flood Control Subventions	\$0	\$106,000	\$482,394,000
§5096.825	\$279,850,000	Floodway Corridor Program	\$2,000,000	\$40,061,000	\$237,789,000
§5096.827	\$289,500,000	Stormwater Flood Management Grants	\$0	\$102,000,000	\$187,500,000
Total:	\$3,946,850,000		\$443,657,000	\$461,215,000	\$3,041,978,000

¹Amount available after payment of 3.5 percent for statewide bond costs.

Projects and Activities

A number of projects and activities are proposed for funding using Proposition 1E funds in FY 2008-09. These include, but are not limited to, participating in capital outlay projects and studies, studying erosion and sediment deposition, updating hydraulic information, performing floodplain evaluations, and managing and reporting on the expenditure of bond funds.

Bond accountability and Management

\$800,000 (Support) – Proposition 1E – 4 new positions

Section 5096.821 (\$633,000), Section 5096.824 (\$106,000),

Section 5096.825 (\$61,000)

The funds will be used to support DWR's bond accountability and management efforts, which are the planning, oversight, tracking, and coordination necessary to manage the added workload resulting from the bonds and to help assure the effective use of Proposition 84 and Proposition 1E bond funds as mandated in Executive Order S-02-07 for bond accountability.



Capital Outlay Projects and Studies

\$135,956,000 in Proposition 1E funds will be leveraged against at least \$18,359,000 in local and federal funds. Projects proposed for Proposition 1E capital outlay funding in FY 2008-09 include levee evaluations, critical levee repairs, levee repairs in non-urban areas, and levee improvements in urban areas. The funds will also allow DWR and the Board to:

- Evaluate and permit major repairs and improvements to the Flood Control System, including evaluating certain urban non-project levees pursuant to Section 14 of Senate Bill 85 (these urban non-project levees are shown on Plate 1 at the end of this Bond Expenditure Plan);
- Participate in three federal projects being constructed by the Corps under the authority of the Board;
- Identify the projects approved for funding; and
- Indicate that the administration recognizes that there are other important projects to protect urban areas in the Central Valley and will propose capital outlay funding for them in the May Revise Budget as the budget needs have only recently become clear.

The capital outlay studies and construction projects to be funded by Proposition 1E funding in FY 2008-09 are included in the table in Section 3 of this bond expenditure plan.

Repair and Improve the State-federal Flood Control System

In addition to the capital outlay projects currently proposed for funding in FY 2008-09, DWR will be funding additional repairs or improvements to the Flood Control System using existing, on-going programs.

Element 1.a. – State-federal Flood Control System Modifications
\$171,473,000 – Proposition 1E, Section 5096.821 - \$8,473,000 (Support) /
\$163,000,000 (Local Assistance)

The funds will be used to continue making modifications and improvements to State-federal Flood Control Project facilities in the Central Valley under the Early Implementation Program (EIP). Continuing last year's activities, a second round of grants will be awarded to local flood control agencies for projects that meet the previously-adopted criteria using guidelines developed through a public process. In addition, the funds will be used for DWR oversight of the design, construction, and land acquisition activities to be executed by those agencies that receive



funding under the EIP. DWR intends for this program to gradually be phased out over the next few years as projects are planned and budgeted under the capital outlay program. A portion (\$1,214,000) of the Support funds are previously-authorized baseline funds and are not reflected in the Budget Change Proposal (BCP).

Element 3.a. – Sycamore Creek Diversion Channel Erosion Study
\$800,000 (Support) – Proposition 1E, Section 5096.821

The funds will be used to study erosion and subsequent sediment deposition in Sycamore Creek in Chico, California, resulting from the operation of the Sycamore Creek Diversion Channel. The funds will be available for expenditure through FY 2009-10. This study will develop alternatives for reducing the amount of erosion and subsequent deposition occurring at the downstream end of the Sycamore Creek Diversion Channel, with a goal of minimizing the need for on-going sediment removal in this location.

Element 3.c. – Sediment Removal Program
\$186,000 (Support) – Proposition 1E Section 5096.821

The funds will be used to provide engineering and environmental scientist staff to assist with the engineering analysis and environmental permitting for various sediment removal programs. Specific engineering tasks include overseeing hydraulic analyses, surveying, real estate acquisitions and preparation of contractor bid documents. The environmental scientist will be conducting field surveys and preparing permit applications including mitigation plans required for the project. These funds are previously-authorized baseline funds and are not reflected in the BCP.

Element 5.a. – Hydrology and Hydraulics Development
\$10,000,000 (Support) – Proposition 1E Section 5096.821

The funds will be used for developing and updating hydrology and hydraulic information for improvements to river/runoff forecasting, reservoir operation coordination, and emergency response needs.

Floodway Corridor Program

*\$40,000,000 – Proposition 1E, Section 5096.825 - \$2,000,000 (Support)/
\$38,000,000 (Local Assistance)*

The funds for this program will be used to complete the guidelines development process begun in FY 2007-2008 and the first round of grant solicitations to allocate Local Assistance funds to eligible flood risk reduction projects in FY 2008-09. A portion (\$500,000) of the Support funds are previously-authorized baseline funds and are not reflected in the BCP.

**Stormwater Flood Control Grants**

\$102,000,000 – Proposition 1E, Section 5096.827 – \$2,000,000 (Support)/ \$100,000,000 (Local Assistance)

Grant solicitation efforts for the Stormwater Flood Management Grants Program from Proposition 1E will be consolidated with the Proposition 84 Integrated Regional Water Management (IRWM) grant program to provide the maximum benefit to regions and to efficiently staff and administer the programs. A total of \$274,500,000 in grant funding will be awarded over two cycles of funding and \$15,000,000 will be used for State Operations. The awards will be concurrent with the IRWM Implementation Grant funding cycles. Stormwater Flood Management funds would be provided competitively to projects that: a) have a non-State cost share of not less than 50 percent; b) are not part of the State Plan of Flood Control; c) are designed to manage stormwater runoff to reduce flood damage and, where feasible, provide other benefits, including groundwater recharge, water quality improvement, and ecosystem restoration; d) comply with applicable regional water quality control plans; and e) are consistent with any applicable IRWM Plan.



FEDERAL APPROPRIATIONS AND LOCAL FUNDING

Approach to Cost Sharing and Federal Crediting

Historically, DWR and, within the Central Valley, the Reclamation Board (now existing as the Central Valley Flood Protection Board) have partnered in construction of federally-authorized projects with State-local cost-sharing formulas established in the California Water Code. DWR will continue to seek federal cost sharing, reimbursement, and crediting wherever possible, provided that doing so would not unduly delay the work. However, consistent with the authorities provided by Propositions 1E and 84 and the requirements of Senate Bill 5, DWR will establish new cost-sharing formulas in order to ensure that DWR has the flexibility to use the bond funds for maximum effect, particularly for completion of work that results in system benefits and improvements to make the system more sustainable and easier to maintain.

Specific Projects and Activities

Specific projects and activities proposed for Proposition 1E funding in FY 2008-09 are indicated in the table on the following page. Three feasibility studies and other flood management activities are also being funded by Proposition 84 to evaluate potential new federal flood control projects. These are also listed in the following table.



**PROPOSITIONS 1E AND 84 BOND EXPENDITURE PLAN (\$ in thousands)
FY 2008-09**

Element Sub-Element Program	Prop 1E Request			Fed Funding Available to Match Prop 1E Request ⁵	Prop 84 Funding Request	Total Prop Funding Request	Fund Source
	Funding	Fed Cost- Share ⁴	Local Cost- Share ⁴				
Element 1 Make Urgent Repairs & Improvements to State-federal Flood Control System in Central Valley							
1.a. - State-federal Flood Control System Modifications State-federal Flood Control System Modification	\$171,473 ¹	Maximum ²	Maximum ²		\$575	\$172,048	Prop 1E Sec. 5096.821
Capital Outlay							
Feasibility Studies Frazier Creek/Strathmore Creek Feasibility Study					\$340 ⁶	\$340	Prop 84 Sec. 75032 ³
Rock Creek - Keefer Slough Feasibility Study					\$526 ⁶	\$526	Prop 84 Sec. 75032 ³
White River/Deer Creek Feasibility Study					\$340 ⁶	\$340	Prop 84 Sec. 75032 ³
Merced County Streams Project - Bear Creek Unit (GRR)	\$1,300	\$2,000	\$1,000			\$1,300	Prop 1E Sec. 5096.821
Construction							
Mid-Valley Levee Reconstruction Project	\$1,976	\$8,060	\$806	\$250		\$1,976	Prop 1E Sec. 5096.821
South Sacramento County Streams	\$1,180	\$2,749	\$444	\$9,500		\$1,180	Prop 1E Sec. 5096.821
Sutter Bypass East Borrow Canal Water Control Structures	\$4,000					\$4,000	Prop 1E Sec. 5096.821
Systemwide Levee Evaluations and Repairs	\$126,500	Maximum ²	Maximum ²			\$126,500	Prop 1E Sec. 5096.821
West Sacramento Project	\$1,000	\$3,000	\$300	\$4,500		\$1,000	Prop 1E Sec. 5096.821
Element 2 - Make Urgent Repairs and Improvements to the Flood Control System in the Delta							
2.a. - Programmatic Habitat Restoration					\$5,500 ⁶	\$5,500	Prop 84 Sec. 75033
2.b. - Delta Risk Management Strategy (DRMS) Concepts Augmentation					\$2,000	\$2,000	Prop 84 Sec. 75033
2.c. - Levee System Integrity, a CALFED Program Delta Levees System Integrity					\$59,451 ⁶	\$59,451	Prop 84 Sec. 75033
2.d. - Meins Landing Implementation					\$2,000 ⁶	\$2,000	Prop 84 Sec. 75033
Element 3 - Manage the State-federal Flood Control System in the Central Valley							
3.a. - Sycamore Creek Diversion Channel Erosion Study Critical Erosion Repair	\$800					\$800	Prop 1E Sec. 5096.821
3.c. - Sediment Removal Program Sediment Removal Program	\$1,861					\$186	Prop 1E Sec. 5096.821

Footnotes:

¹Amounts include previously-authorized baseline funds that are not reflected in FY 08-09 BCPs.

²Maximum federal and local cost sharing to the extent timely implementation is not prohibited.

³Sections 75031 and 75032 of Proposition 84 are continuously appropriated.

⁴Federal and local cost share may be provided over multiple years.

⁵Estimates from U.S. Army Corps of Engineers on federal funds available in FY 08-09.

⁶Funds will be leveraged against both federal and local funds.



**PROPOSITIONS 1E AND 84 BOND EXPENDITURE PLAN (\$ in thousands)
FY 2008-09 (Continued)**

Element Sub-Element Program	Prop 1E Request			Fed Funding Available to Match Prop 1E Request ⁵	Prop 84 Funding Request	Total Prop Funding Request	Fund Source
	Funding	Fed Cost- Share ⁴	Local Cost- Share ⁴				
Element 5 - Perform Engineering Evaluation and Assessments of the State-federal Flood Control System and the Delta							
5.a. - Hydrology and Hydraulics Development Hydrology and Hydraulics Development	\$10,000					\$10,000	Prop 1E Sec. 5096.821
5.b. - Floodplain Evaluation and Delineation					\$500	\$500	Prop 84 Sec. 75031 ³
Element 6 - Support Flood Management Programs Outside the State-federal Flood Control System							
6.a. - Flood Control Subventions Flood Control Projects Subventions					\$73,700 ⁶	\$73,700	Prop 84 Sec. 75034
6.b. - Feasibility Study, Levee Evaluation, and Regional Flood Management Grants New Feasibility Studies and Levee Evaluations					\$30,839 ⁶	\$30,839	Prop 84 Sec. 75032 ³
6.c. - Floodway Corridor Program Floodway Corridor Program	\$40,000	Maximum ²	Maximum ²			\$40,000	Prop 1E Sec. 5096.825
6.d. - Flood Protection Corridor Program Flood Protection Corridor Program					\$12,600	\$12,600	Prop 84 Sec. 75032.5
6.e. - Alluvial Fan Task Force Implementation Floodplain Evaluation & Delineation					\$500	\$500	Prop 84 Sec. 75031 ³
Element 7 - Provide Emergency Preparedness and Flood Response							
7.a. - Enhance Flood Response & Preparedness (augment) Enhance Flood Response & Preparedness					\$3,000	\$3,000	Prop 84 Sec. 75032 ³
7.b. - Improve Readiness and Emergency Response - Major Delta Levee Failure Improve Readiness and Emergency Response - Major Delta Levee Failure					\$54,000	\$54,000	Prop 84 Sec. 75033
Bond Accountability and Management							
Bond Accountability and Management	\$800					\$800	Prop 1E Secs. 5096.821 5096.824 5096.825
Stormwater Flood Management							
Stormwater Flood Management Grants	\$102,000					\$102,000	Prop 1E Sec. 5096.827
TOTALS:	\$461,215	\$15,809	\$2,550	\$14,250	\$245,871	\$707,086	

Footnotes:

¹Amounts include previously-authorized baseline funds that are not reflected in FY 08-09 BCPs.

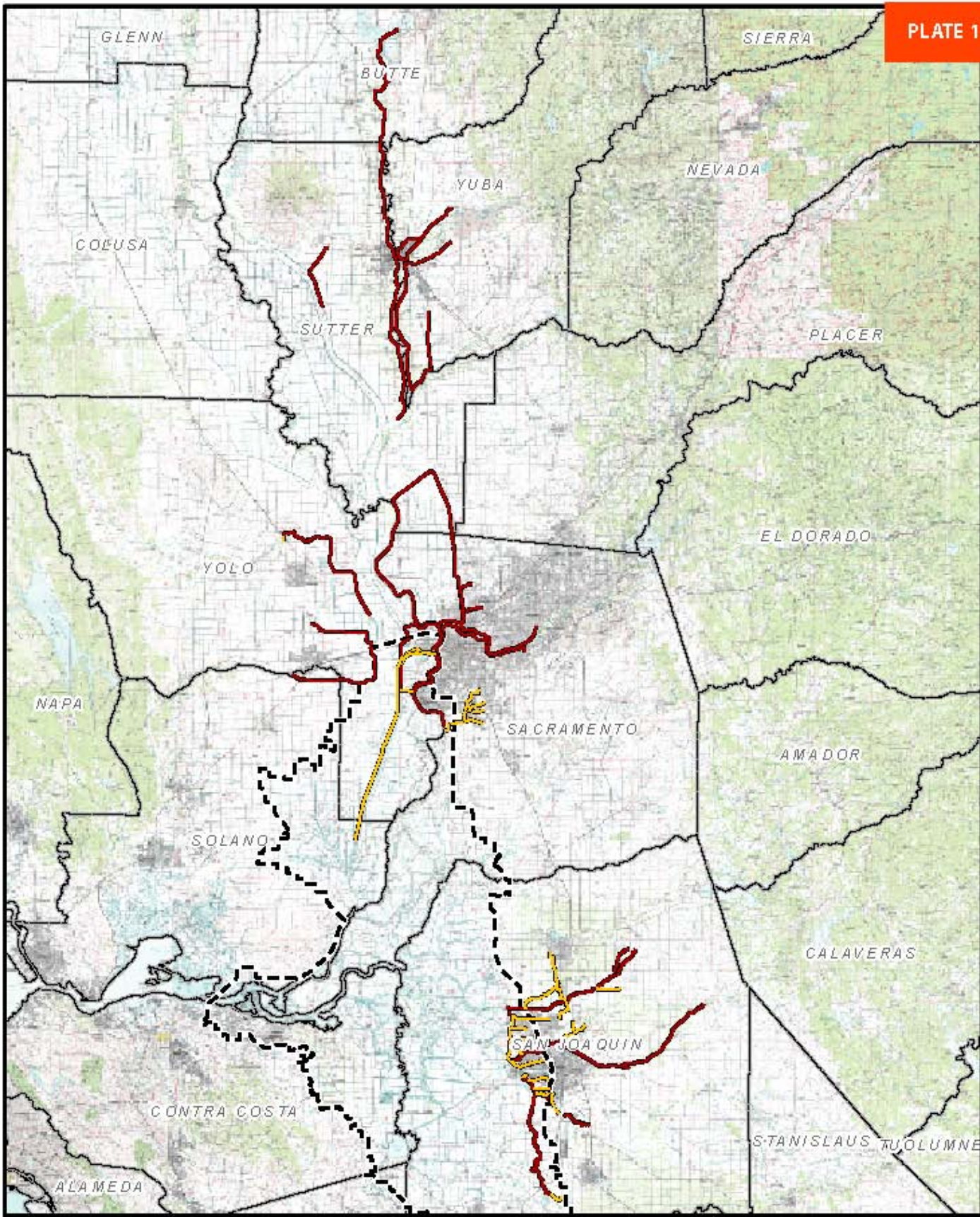
²Maximum federal and local cost sharing to the extent timely implementation is not prohibited.

³Sections 75031 and 75032 of Proposition 84 are continuously appropriated.

⁴Federal and local cost share may be provided over multiple years.

⁵Estimates from U.S. Army Corps of Engineers on federal funds available in FY 08-09.

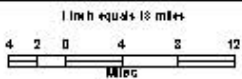
⁶Funds will be leveraged against both federal and local funds.



Non-Project Urban Levees

6-01-2014 10:00 AM
 ** Non-project levees directly related to the 12 urban basins as described by the URS/DWR Urban Levee Geotechnical Evaluations team. **
 12/10/13 10:00 AM

	Non-Project Urban Levees
	Urban Project Levees
	Legal Delta Boundary
	County Boundary



January 2nd, 2014



Notes:
Length (in miles) of Non-Project Levees:
 114 Miles total, 56 miles in Legal Delta.