

## Delta Levees Special Flood Control Projects

Active Projects List (Updated 08-1-2016)

### Proposed Directed Actions

Island/Tract	PFA ID	Project Cost	State Share	Description
Bouldin Island	TBD	TBD	TBD	Design and construct 4,000 feet of setback levee to Bulletin 192-82 standard, providing a waterside bench for habitat enhancement.
New Hope Tract	TBD	TBD	TBD	Design and construct 7,800 feet of setback levee to PL 84-99 standard, providing a waterside bench for habitat enhancement.

## 2014-2015 Special Projects

<b>Island/Tract</b>	<b>PFA ID</b>	<b>Project Cost</b>	<b>State Share</b>	<b>Description</b>
Bacon Island	BN-15-1.0-SP	\$10,527,000	97%	Design & construct HMP improvements along 24,816 feet of District levee. Will include landside habitat enhancement. Project Stations: 300 to 550+00.
Bethel Island	BI-15-1.0-SP	\$3,500,000	94%	Design & construct 5,000 feet of Bulletin 192-82 improvements on District levees along Horseshoe Bend. Will include waterside and landside habitat enhancement. Project Stations: 130+00 to 180+00.
Bradford Island	BR-15-1.0	\$500,000	100%	Monitoring District levee 1,250 feet upstream and downstream of the centerline of the temporary Emergency Drought Barrier on False River, and addressing minor repairs to the levee associated with construction activities related to the installation and removal of the Barrier.
Brannan-Andrus	BA-15-1.0-SP	\$6,854,000	94%	Design & construct 8,000 feet of waterside slope revetment remediation and habitat enhancement from Stations 179+00 to 189+00, 191+00 to 230+00, and 289+00 to 320+00, along the Sacramento River. The work will include engineered erosion protection measures and establishment of a new waterside bench with habitat enhancement.
Twitchell Island	TW-15-1.0-SP	\$9,991,000	85%	Design & construct 2,680 feet setback levee along San Joaquin River. Will have crest 5.2 feet above 100 year base flood elev., and include waterside and landside habitat. Project Stations: 482+00 to 508+80.

## 2011-2012 Special Projects

Island/Tract	PFA ID	Project Cost	State Share	Description
Bacon Island	BN-12-1.0	\$2,100,000	95%	Engineering and construction of approximately 10.6 miles of HMP cross section, at various locations from Stations 55+00 to 753+00, by placing fill on the landside slope and improving the all-weather roadway.
Bouldin Island	BO-12-1.0	\$2,100,000	90%	Plan, design, and construct the levee to meet HMP and to rehabilitate the all-weather roadway, along approximately 14.8 miles of levee at various locations from levee stations 0+00 to 947+34.
Dutch Slough	DS-12-1.0	\$2,000,000	90%	Engineering and construction of 3.8 miles of levee improvements and rehabilitation between Stations 0+00 and 202+00 by placing fill on the landside of the levee and the levee crown and add aggregate base on the levee crown for an all-weather road.
Empire Tract	EM-12-1.0	\$8,000,000	90%	Levee rehabilitation from Stations 0+00 to 126+00, 149+00 to 253+00, and 295+00 to 554+15. Improvement includes placing fill on the landside slope and levee crown and construction of an all-weather road, including County road from Stations 310+00 to 390+00.
Hotchkiss Tract	HO-12-1.0	\$671,000	95%	Installation of bank protection on waterside of levee sections from Stations 50+00 to 75+00, and construction of an all-weather road from Stations 370+00 to 470+00.
King Island	KI-12-1.0	\$1,000,000	90%	Bring 6.1 miles of levee up to HMP standards by placing fill material on the landside slope and levee crown. This work will bring all the levees on King Island up to the HMP standard. Project Stations: 0+00 to 115+00, 200+00 to 305+00, 375+50 to 479+47.
Lower Roberts Island	RL-12-1.0	1,531,580	95%	Raising levee crest as necessary to meet HMP standard and surfacing all-weather road from Stations 363+00 to 381+00, 387+00 to 397+00, and 520+00 to 766+00.

## 2011-2012 Special Projects (continued)

<b>Island/Tract</b>	<b>PFA ID</b>	<b>Project Cost</b>	<b>State Share</b>	<b>Description</b>
New Hope Tract	NH-12-1.0	\$2,900,000	90%	Engineering and construction of levee improvement and rehabilitation which consists of improving various sections of the levee from stations 71+00 to 236+00, 269+00 to 292+50, and 318+00 to 377+50 to bring the levee to HMP standards.
Pico Naglee Tract	PN-12-1.0	\$1,533,000	90%	Construct all-weather road, with minor widening where necessary to meet HMP. Perform waterside bank protection survey. Project Stations: 0+00 to 448+00.
Shima Tract	SA-12-1.0	\$1,788,998	90%	Engineering and construction of levee improvement and rehabilitation which consists of placing imported fill on the landside of the levee and crown to improve levees to the minimum HMP requirements with an all-weather road at various locations between Stations 67+00 and 301+00.
Simmons-Wheeler	SW-12-1.0	\$348,300	90%	Engineering and construction of levee improvement and rehabilitation which consists of raising the levee crown, installing stability toe berms, and placing rip rap on the waterside to HMP standards at various locations between Stations 0+00 to 376+53. Work will be performed in two phases to comply with the requirements of the Regional General Permit 3
Terminus Tract	TR-12-1.0	\$2,072,000	95%	Improve landside of levee and levee crown to meet HMP, and construct all-weather road. Project Stations: 520+00 to 583+00.
Upper Roberts Island	RU-12-1.0	\$598,000	90%	Engineering and construction of 0.6 mile of levee improvements and rehabilitation by placing, grading, and compacting fill on the levee crown and landside slope, as well as construction of an all-weather gravel road.

## 2011-2012 Special Projects (continued)

<b>Island/Tract</b>	<b>PFA ID</b>	<b>Project Cost</b>	<b>State Share</b>	<b>Description</b>
Veale Tract	VL-12-1.0	\$2,220,000	90%	Engineering and construction of approximately 4.3 miles of levee improvements and rehabilitation to HMP standards, from Stations 0+00 to 47+00, 69+00 to 173+00, and 180+00 to 226+00. Possible levee realignment where is erosion severe.
Victoria Island	VI-12-1.0	\$1,984,500	90%	Engineering and construction of levee improvement and rehabilitation consisting of placing imported fill on the landside of the levee and crown to improve levee to minimum HMP at various locations between Stations 0+00 to 796+00, and build all-weather roadway from Stations 0+00 to 796+00.
Webb Tract	WB-12-1.0	\$2,000,000	100%	Plan, design, and construct the levee to meet HMP and construct an all-weather road at various locations between Stations 0+00 and 50+00 and 225+00 and 682+50.
Wright-Elmwood	WE-12-1.0	\$1,680,000	90%	Engineering and construction of 7.0 miles of levee improvements and rehabilitation by placing fill on the landside slope and levee crown at various locations from Stations 0+00 to 373+29, and construction of an all-weather aggregate base road from Stations 0+00 to 373+29.

## 2009-2010 Special Projects

<b>Island/Tract</b>	<b>PFA ID</b>	<b>Project Cost</b>	<b>State Share</b>	<b>Description</b>
Bouldin Island	BO-10-1.0	\$2,000,000	90%	Rehabilitation of 1.4 levee miles along a portion of the levee south of Highway 12 to achieve a sustainable HMP cross section.
Bouldin Island	BO-10-2.0	\$4,250,000	90%	Design and construction of approximately 2.2 miles of sustainable HMP cross section, from levee Station 195+00 to 310+00 along Potato Slough.
Sherman Island	SH-10-1.0	\$4,062,000	100%	Raise various sections of the levee between Stations 330+00 through 700+00 to meet PL 84-99 standards and construct a landside toe berm from stations 525+00 to Station 545+00.
Sherman Island	SH-10-2.0	\$2,481,000	100%	Repairs between stations 870+00 and 940+00 along the landside levee toe. Import of embankment material to buttress the levee system and installation of drainage features such as filter fabric, drain rock and outfall pipes, to stop material migration, control seepage, and mitigate for habitat loss.
Terminous	TR-10-1.0	\$5,261,000	90%	Engineering and construction of the levee improvement and rehabilitation activities which will consist of placing fill to improve levees toward the PL84-99 standard at various locations between stations 269+00 and 928+00.
Upper Jones Tract	UJ-10-1.0	\$1,843,000	90%	Engineering and construction of 3.7 miles of levee improvement and rehabilitation activities which will consist of raising the levee along Trapper Slough to HMP agricultural standards. Project Stations: 10+00 to 205+00.

## 2008-2009 Special Projects

<b>Island/Tract</b>	<b>PFA ID</b>	<b>Project Cost</b>	<b>State Share</b>	<b>Description</b>
Jersey Island	JR-09-2.4	\$800,000	100%	Installing instrumentation within the levee footprint to monitor the performance of the levee 500 feet upstream and downstream of the temporary Emergency Drought Barrier; and addressing minor repairs to the District's levee are associated with the construction of the temporary Barrier.
Sherman Island	SH-09-2.0	\$500,000	100%	Engineering and design of levee improvement and rehabilitation activities at the Sacramento River left bank levee on Sherman Island between levee stations 690+00 and 850+00.
Twitchell Island	TW-09-1.0	\$1,279,860	100%	Engineering and design of levee improvement and rehabilitation activities at the San Joaquin River levee on Twitchell Island between stations 370+00 and 628+21.
Walnut Grove	WG-09-2.0	\$112,125	75%	Engineering and design of levee improvement and rehabilitation of District levees along the Sacramento River, Georgiana Slough, Snodgrass Slough, and Delta Cross Channel, and the dryland levee separating East Walnut Grove from Tyler Island.