Delta Alternatives SV1, SV2, and SV3 HMP and PL-99 Levee Upgrade Table

Island Name	Levee Miles	Less Project	Less Local/Other	Eligible Length	Special Consideration	Current Standard	Miles HMP Min SV-1	Miles PL-99 Min SV-1	Miles HMP Mod SV-2	Miles PL-99 Mod SV-2	Miles HMP Max SV-3	Miles PL-99 Max SV-3	Habitat	Type Infrastructure	Comments
Andrus, Upper; RD 556	11.7	11.2	0	0.5	1993 Corps report investigated all 11.2 miles of project levees along Sacto River and Georgiana Sl		0.5	0	0.5	0	0.5	0	none	none	estimates to repair project levee deficiencies included already under "Brannan-Andrus" total of $22.5 million
Bacon; RD 2028	14.3	0	0	14.3		HMP	0	0	0	14.3	0	14.3	none	Santa Fe RR	Bulletin 192-82 (close to PL-99) is pending; also under consideration for in-Delta storage although some shallow organics in soils
Bear Creek	2.5	2.5	0	0			0	0	0	0	0	0			
Bethany	5.2	0	5.2	0		unknown	0	0	0	0	0	0			other entity; no participation in SB34 subventions program
Bethel Island MID	11.5	0	0	11.5		none	11.5	0	0	11.5	0	11.5	none	community pop 2100	critical western island
Bishop; RD 2042	7.8	0	0	7.8		HMP/FEMA100-yr	0	0	0	0	0	0	none	WAPA	Assume no improvements bec. FEMA 100-yr
Bishop East	0.6	0	0.6	0		unknown	0	0	0	0	0	0			other entity; no participation in SB34 subventions program
Bloder; RD 2121	6.2	0	0	6.2	see comments	unknown	6.2	0	0	6.2	0	6.2		Santa Fe RR/WAPA	other entity; no participation in SB34 subventions program but eligible to participate
Boggs Dist; RD 404	5.3	4.1	0	1.2		HMP	0	0	0	1.2	0	1.2	none	I-5&Hwy4/ Santa Fe RR	
Borrow Pond Area	2	0	2	0		unknown	0	0	0	0	0	0			DWR O&M levee
Bouldin; RD 756	18	0	0	18		none	18	0	0	18	0	18	yes	Highway 12	Bulletin 192-82 (close to PL-99) is pending
Brack; RD 2033	10.8	0	0	10.8		none	10.8	0	10.8	0	0	10.8	yes	none	
Bradford; RD 2059	7.4	0	0	7.4		none	7.4	0	0	7.4	0	7.4	yes	none	critical western island
Brannan-Andrus RDs 2067/317/407	29.4	19.3	0	10.1	1993 Corps report investigated all 19.3 miles of project levees along Sacto River in RDs 2067 & 407	HMP	0	0	0	10.1	0	10.1	none	Hwys 12 & 160/ PGE/comm pop 833 for Isleton	Corps report estimated $22.5 million to correct project levee deficiencies including Upper Andrus (RD 556)
Byron; RD 800	19.3	0	9.6	9.7		HMP/PL-99	0	0	0	0	0	0	none	Hwy 4/SP RR/WAPA/comm pop 5351 for Discovery Bay	
Cache Haas; RD 2098	11.6	11.6	0	0	1993 Corps report investigated all 11.6 miles of project levees along Haas Sl, Shag Sl, Cache Slough		0	0	0	0	0	0			Corps report estimated $10.6 million to correct project levee deficiencies including RD 2068 (Yolano)
Canal Ranch; RD 2086	9.6	0	0	9.6		none	9.6	0	9.6	0	0	9.6	yes	none	
Chipps Island	2.6	0	2.6	0		unknown	0	0	0	0	0	0			
Clifton Court	9.2	0	9.2	0			0	0	0	0	0	0		water transfer facility	
Collinsville	1.1	0	0	1.1	see comments	unknown	1.1	0	1.1	0	1.1	0			other entity; no participation in SB34 subventions program but eligible to participate
Coney; RD 2117	5.4	0	0	5.4		HMP	0	0	0	0	0	0	none	none	
Deadhorse; RD 2111	2.6	0	0	2.6		HMP	0	0	0	0	0	0	none	none	
Delta Mendota	2.1	0	2.1	0		unknown	0	0	0	0	0	0			water transfer facility
Decker	4.1	0	4.1	0		unknown	0	0	0	0	0	0			
Drexler	4	0	4	0		unknown	0	0	0	0	0	0			
Egbert; RDs 538 and 2084	10.7	10.7	0	0	1993 Corps report investigated all 10.7 miles of project levees along Lindsey Slough	none	0	0	0	0	0	0	none	Sacto Deep Water Ship Channel	Corps report estimated $0.8 million to correct project levee deficiencies
Ehrheart; RD 813	4.7	0	0	4.7	see comments	none	4.7	0	0	4.7	0	4.7	none	Hwy 160/PGE	other entity; no participation in SB34 subventions program but eligible to participate
Empire; RD 2029	9.5	0	0	9.5		none	9.5	0	9.5	0	9.5	0	none	none	
Fabian; RD 773	18.8	0	0	18.8		none	18.8	0	18.8	0	18.8	0	none	none	
Fay; RD 2113	1.6	0	0	1.6		none	1.6	0	1.6	0	1.6	0	none	none	
Frank, Little	3.5	0	3.5	0		unknown	0	0	0	0	0	0			island is flooded
Glanville; RD 1002	13	0	0	13		HMP	0	0	0	13	0	13	none	I-5/UP Railroad	
Glide; RD 765	1.7	1.7	0	0	1993 Corps report investigated all 1.7 miles of project levees along Sacto River		0	0	0	0	0	0		Sacto Deep Water Ship Channel	estimates to repair project levee deficiencies included already under "The Big Area" (RD 999) total of $0.2 million/RD 307 (Liebon) may be included too

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Delta Alternatives SV1, SV2, and SV3 HMP and PL-99 Levee Upgrade Table

Island Name	Levee Miles	Less Project	Less Local/Other	Eligible Length	Special Consideration	Current Standard	Miles HMP Min SV-1	Miles PL-99 Min SV-1	Miles HMP Mod SV-2	Miles PL-99 Mod SV-2	Miles HMP Max SV-3	Miles PL-99 Max SV-3	Habitat	Type Infrastructure	Comments
Grand; RD 3	29	29	0	0	1993 Corps report investigated all 29 miles of project levees along Sacto River and Steamboat Sl	PL-99/FEMA100-yr	0	0	0	0	0	0	none	Hwys 220 & 160/PGE/comm pop for Ryde 49	Corps report estimated $1.7 million to correct project levee deficiencies
Harbor Cove (Atlas); RD 2126	1.9	0	0	1.9		unknown	1.9	0	1.9	0	1.9	0			other entity; no participation in SB34 subventions program but eligible to participate
Harveys; RD 1609	12.4	0	12.4	0		unknown	0	0	0	0	0	0			
Hastings; RD 2060	16	16	0	0	1993 Corps report investigated all 16 miles of project levees along Lindsey, Barker, Haas, and Cache Sl	PL-99/FEMA100-yr	0	0	0	0	0	0	none	PGE	Corps report estimated $2.1 million to correct project levee deficiencies
Holland; RD 2025	11	0	0	11		Bull 192-82/PL-99	0	0	0	0	0	0	none	none	critical western island; assume no improvements bec PL-99 already
Holland Land; RD 999	33.4	33.4		0	1993 Corps report investigated all 33.4 miles of project levees along Sacto River, Sutter Sl, Miner Sl, and Sacto Deep Water Channel		0	0	0	0	0	0	none	Hwy 84/PGE tie in to Freeport/Sacto Deep Water Ship Channel/comm pop for Clarksburg 303	Corps report estimated $0.2 million to correct project levee deficiencies in "The Big Area"
Holt; RD 2116	0.4	0		0.4		none	0.4	0	0.4	0	0.4	0			
Hotchkiss; RD 799	6.3	0		6.3		none	0	6.3	0	6.3	0	6.3	none	WAPA/Contra Costa Canal/community pop 900	critical western island
Jersey; RD 830	15.6	0		15.6		none	0	15.6	0	15.6	0	15.6	none	WAPA	critical western island
Jones, Lower; RD 2038	9	0		9		HMP	0	9	0	9	0	9	yes	Mokel Aque/Santa Fe RR	
Jones, Upper; RD 2039	9.3	0		9.3		HMP	0	9.3	0	9.3	0	9.3	yes	Mokel Aque/Santa Fe RR	
Kasson; RD 2065	6.2	6.2		0			0	0	0	0	0	0			
Kimball Island	1.9		1.9	0			0	0	0	0	0	0			
King; RD 2044	9.1	0		9.1		HMP	0	0	0	0	0	0	none	none	
Libby McNeil; RD 369	1.9	0.8	0	1.1			1.1	0	1.1	0	1.1	0			other entity; no participation in SB34 subventions program but eligible to participate
Liberty; RD 2083	14.5	0		14.5		unknown	14.5	0	14.5	0	14.5	0		Sacto Deep Water Ship Channel	
Lisbon; RD 307	6.7	6.7		0	1993 Corps report investigated all 6.7 miles of project levees along Sacto River		0	0	0	0	0	0			estimates to repair project levee deficiencies included already under "The Big Area" (RD 999) total of $0.2 million/RD 765 (Gilda) may be included too
Little Mandeville; RD 2118	4.5	0		4.5		none	4.5	0	4.5	0	4.5	0	none	none	no longer HMP; summer levee failure 1995
Los Medanos	5.6	0	5.6	0			0	0	0	0	0	0			
Maintenance Area 9	19.6	19.6		0	1993 Corps report investigated all 19.6 miles of project levees along Sacto River in vicinity of Hood		0	0	0	0	0	0			Corps report estimated $6.4 million to correct project levee deficiencies in vicinity of Hood; no repairs recommended for Hood to Snodgrass Slough
Mandeville; RD 2027	14.3	0		14.3		HMP	0	0	0	0	0	14.3	yes	none	
McCormack-Williamson; RD 2110	8.8	0		8.8		none	8.8	0	8.8	0	8.8	0	none	none	
McMullin; RD 2075	7.5	7.5		0			0	0	0	0	0	0		none	
McDonald; RD 2030	13.7	0		13.7		HMP	0	0	0	0	0	0	none	none	Bulletin 192-82 (close to PL-99) is pending; also island should be considered for in-Delta storage; no organics in soils; also no roads
Medford; RD 2041	5.9	0		5.9		none	5.9	0	5.9	0	5.9	0	none	none	
Merritt; RD 150	18.1	18.1		0	1993 Corps report investigated all 18.1 miles of project levees along Sacto River and Elk Sl	PL-99	0	0	0	0	0	0	none	none	Corps report estimated $0.2 million to correct project levee deficiencies
Mildred; RD 2021	7.3			7.3	see comments	see comments	0	0	0	0	0	0	none	none	Island is flooded
Montezuma Flats	1.9	0	1.9	0			0	0	0	0	0	0			
Montezuma Island	0.4	0	0.4	0			0	0	0	0	0	0			
Mossdale 2; RD 2107	4.2	4.2		0		FEMA100-yr	0	0	0	0	0	0	none	none	Assume no improvements bec. FEMA 100-yr
Naglee Burke; RD 1007	8.3	0		8.3		none	8.3	0	0	8.3	0	8.3	none	SP Railroad/PGE	

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Delta Alternatives SV1, SV2, and SV3 HMP and PL-99 Levee Upgrade Table

Island Name	Levee Miles	Less Project	Less Local/Other	Eligible Length	Special Consideration	Current Standard	Miles HMP Min SV-1	Miles PL-99 Min SV-1	Miles HMP Mod SV-2	Miles PL-99 Mod SV-2	Miles HMP Max SV-3	Miles PL-99 Max SV-3	Habitat	Type Infrastructure	Comments
New Hope; RD 348	18.6	0		18.6		none	0	18.6	0	18.6	0	18.6	yes	I-5/UP Railroad	
Oakley	6.7	0	0	6.7			6.7	0	6.7	0	6.7	0			other entity; no participation in SB34 subventions program but eligible to participate
Orwood; RD 2024	6.3	0		6.3		none	6.3	0	0	6.3	0	6.3	none	Mokelumne Aqueduct	
Palm; RD 2036	7.5	0		7.5		none	0	7.5	0	7.5	0	7.5	yes	Santa Fe RR	
Paradise; RD 2095	4.9	4.9		0			0	0	0	0	0	0		I-5/UP RR/PGE	
Pescadero; RD 2058	8.9	6.7		2.2		HMP	0	0	0	2.2	0	2.2	none	Hwy 205/SP Railroad/PGE	
Peters; RD 2104	8.4	8.4		0	1993 Corps report investigated all 8.4 miles of project levees along Haas and Cache Sl		0	0	0	0	0	0		none	Corps report estimated $8.3 million to correct project levee deficiencies
Pierson; RD 551	6.8	6.8		0	1993 Corps report investigated all 6.8 miles of project levees along Sacto R	FEMA100-yr	0	0	0	0	0	0	none	Hwy 160/PGE	Assume no improvements bec. FEMA 100-yr/Corps report looked at area but no proposed reconstruction
Prospect; RD 1667	10	2.9		7.1		none	7.1	0	7.1	0	7.1	0	none	Sacto Deep Water Ship Channel	
Quimby; RD 2090	7	0		7		HMP	0	0	0	0	0	0	none	none	
Randall; RD 755	1.9	1.9		0			0	0	0	0	0	0			
Rindge; RD 2037	15.8	0		15.8		HMP	0	0	0	0	0	15.8	yes	none	
Rio Blanco; RD 2114	4.2	0		4.2		none	4.2	0	4.2	0	4.2	0	none	none	
River Junction; RD 2064	11.9	11.9		0			0	0	0	0	0	0			
Roberts, Lower; RD 584	16	0		16		HMP	0	16	0	16	0	16	yes	Mokel Aque/SF Rail/WAPA	
Roberts, Middle; RD 524	12.2	6.1		6.1		none	6.1	0	0	6.1	0	6.1	none	Hwy 4	
Roberts, Upper; RD 544	15	10.6		4.4		none	4.4	0	0	4.4	0	4.4	none	PGE	
Rough and Ready	5.5		3.2	2.3		see comments	0	0	0	0	0	0			under naval jurisdiction
Ryer; RD 501	20.6	20.6		0	1993 Corps report investigated all 20.6 miles of project levees along Steamboat, Cache, Miner Sloughs	PL-99	0	0	0	0	0	0	none	Hwys 220&84/Sacto Deep Water Ship Channel	Under consideration for in-Delta storage as no organics in soils/Corps report estimated $1.6 million to correct project levee deficiencies
Sacramento Deepwater	26		26	0			0	0	0	0	0	0			under Corps jurisdiction
Sargent Barnhart; RD 2074	6	1.5	1	3.5		FEMA100-yr	0	0	0	0	0	0	none	Mokel Aque/ commercial development	Assume no improvements bec. FEMA 100-yr
Sherman; RD 341	19.5	9.7		9.8	1993 Corps report investigated all 9.7 miles of project levees along Sacto River and 3- Mile Sl	none	0	9.8	0	9.8	0	9.8	yes	Hwy 160/PGE/WAPA/ comm pop 233	critical western island/Corps report estimated $0.9 million to correct project levee deficiencies
Sherman West	5.5	0	5.5	0			0	0	0	0	0	0			flooded
Shima; RD 2115	6.6	0		6.6		HMP	0	0	0	6.6	0	6.6	none	WAPA	
Shin Kee	3.6	0	3.6	0			0	0	0	0	0	0			
SJCFCD Five Mile Slough	1.4	0	0	1.4			1.4	0	1.4	0	1.4	0			other entity; no participation in SB34 subventions program but eligible to participate
SJCFCD Fourteen Mile Slough	2	0	0	2			2	0	2	0	2	0			other entity; no participation in SB34 subventions program but eligible to participate
SJCFCD Mosher Slough	4.1	0	0	4.1			4.1	0	4.1	0	4.1	0			other entity; no participation in SB34 subventions program but eligible to participate
San Joaquin River; RD 17	16.2	16.2		0		FEMA100-yr	0	0	0	0	0	0	none	I-5/SP & UP Railroads/PGE	Assume no improvements bec. FEMA 100-yr
Smith Tract; RD 1614	2.2	0		2.2		HMP/FEMA 100-yr	0	0	0	0	0	0	none	I-5/community part of Stockton	Assume no improvements bec. FEMA 100-yr
Smith Ranch; RD 1608	4.3	0	0	4.3	see comments	FEMA100-yr	0	0	0	0	0	0	none	I-5/community part of Stockton	other entity; no participation in SB34 subventions program but eligible to participate/assume no improvements bec. FEMA 100-yr
Spinner Island	0.8		0.8	0			0	0	0	0	0	0			
Stark; RD 2089	3.5	2.8		0.7		HMP/FEMA 100-yr	0	0	0	0	0	0	none	PGE	Assume no improvements bec. FEMA 100-yr
Staten; RD 38	25.4	0		25.4		none	25.4	0	25.4	0	0	25.4	yes	none	HMP is pending

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Delta Alternatives SV1, SV2, and SV3 HMP and PL-99 Levee Upgrade Table

Island Name	Levee Miles	Less Project	Less Local/Other	Eligible Length	Special Consideration	Current Standard	Miles HMP Min SV-1	Miles PL-99 Min SV-1	Miles HMP Mod SV-2	Miles PL-99 Mod SV-2	Miles HMP Max SV-3	Miles PL-99 Max SV-3	Habitat	Type Infrastructure	Comments
Stewart; RD 2062	12.3	12.3		0		PL-99	0	0	0	0	0	0	none	Hwy 205/ SP & UP RRs/PGE	Island should be considered for in-Delta storage; no organics in soils; also news articles indicate the island has already been proposed for an alternate future use (large entertainment complex) called Gold City
Sutter; RD 349	12.5	12.5		0	1993 Corps report investigated all 12.5 miles of project levees along Sacto River, Butter Sl, and Steamboat Sl	PL-99	0	0	0	0	0	0	none	none	Corps report estimated $0.3 million to correct project levee deficiencies
Terminous; RD 548	21	0	4.9	16.1		HMP	0	0	0	16.1	0	16.1	none	Hwy 12/comm pop 483	
Tinsley; RD 2108						none									
Twitchell; RD 1601	7.1	2.5		4.6	1993 Corps report investigated all 2.5 miles of project levees along 3- Mile Sl	HMP	0	0	0	4.6	0	4.6	yes	none	critical western island/Corps report estimated $7.8 million to correct project levee deficiencies
Tyler; RD 563	22.9	12.2		10.7	1993 Corps report investigated all 12.2 miles of project levees along Georgiana Sl	HMP	0	0	0	0	0	0	none	none	Corps report estimated $6.7 million to correct project levee deficiencies
Union, East; RD 1	14	1		13		HMP	0	0	0	13	0	13	none	PGE	
Union, West; RD 2	16.2	0		16.2		HMP	0	0	0	16.2	0	16.2	none	WAPA	
Van Sickle; RD 1607	3.8	0		3.8		none	3.8	0	3.8	0	3.8	0	none	none	
Veale; RD 2065	5.7	0	0	5.7	see comments	none	5.7	0	0	5.7	0	5.7	none	WAPA	other entity; no participation in SB34 subventions program but eligible to participate
Venice; RD 2023	12.3	0		12.3		HMP	0	0	0	12.3	0	12.3	yes	none	
Victoria; RD 2040	15.1	0		15.1		HMP	0	0	0	15.1	0	15.1	none	Hwy 4	
Walnut Grove; RD 554	6.1	1	1.5	3.6		FEMA 100-yr	0	0	0	0	0	0	none	comm pop 870	Assume no improvements bec. FEMA 100-yr
Walthall; RD 2084	3.3	3.3		0			0	0	0	0	0	0			
Webb; RD 2026	12.9	0		12.9		HMP/Bull 192-82	0	0	0	0	0	0	yes	none	critical western island/assume no improvements bec. Bull 192-82
Weber; RD 525	1.7	0		1.7		HMP/FEMA 100-yr	0	0	0	0	0	0	none	I-5/community part of Stockton	Assume no improvements bec. FEMA 100-yr
West Island	3	0	3	0			0	0	0	0	0	0			
West Sacramento; RD 900	13.6	13.6		0		FEMA 100-yr	0	0	0	0	0	0	none	Hwy 84/Sacto Deep Water Ship Channel/community development	Assume no improvements bec. FEMA 100-yr
Wetherbee; RD 2096	0.2	0.2		0			0	0	0	0	0	0			
Winter; RD 2122	4.8	0		4.8		none	4.8	0	4.8	0	4.8	0	none	none	
Woodward; RD 2072	8.8	0		8.8		HMP	0	0	0	8.8	0	8.8	none	Mokelumne Aqueduct	
Wright-Elmwood; RD 2119	7.1	0		7.1		HMP	0	0	0	7.1	0	7.1	none	WAPA	
Yolano; RD 2068	8.7	8.7		0	1993 Corps report investigated all 8.7 miles of project levees along Shag Sl and west levee above Haas Slough		0	0	0	0	0	0			estimates to repair project levee deficiencies included already under "Cache Haas" (RD 2098) total of $10.8 million
Yolo Bypass Unit 4	3.6	3.6		0			0	0	0	0	0	0			
	Total Levee Miles	Total Project Levees	Total Local/Other Levees	Total Eligible Length			Tot Levee Miles HMP Alt SV-1	Tot Levee Miles PL-99 Alt SV-1	Tot Levee Miles HMP Alt SV-2	Tot Levee Miles PL-99 Alt SV-2	Tot Levee Miles HMP Alt SV-3	Tot Levee Miles PL-99 Alt SV-3			
	1105	385	115	605			227	92	149	311	103	387			

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