Exhibit 1 - Bridges and Culverts for Which the Director of Public Works and Planning is Authorized to Execute Streambed Alteration Agreements

Funding Source(s)[1]	Project Type	Project Title	Project Description[2]	Project Costs ($1,000's)		
				Preliminary Engineering	Right of Way	Construction
HBP	Bridge Replacement	Alta East Branch Canal on Hill	Replace existing six span CIP/RC slab bridge with new bridge to span channel.	$ 444	$ 150	$ 2,600
HBP	Bridge Replacement	Alta Main Canal on Frankwood	Replace the existing four-span, integrated controlled weir concrete slab bridge (Bridge No. 42C0289) over the Alta Main Canal with a new four-span, cast-in-place, concrete slab bridge. The new bridge construction would include widening North Frankwood Avenue as part of the new approach.	$ 585	$ 100	$ 2,500
HBP / SB 1	Bridge Replacement	Crescent Ditch on Dickenson	Replace functionally obsolete cast-in-place concrete slab bridge (24 feet wide by 35 feet long) with a cast-in-place concrete slab bridge (34.87 feet wide and 40 feet long). The approach road needs to be widened from 22 feet to 32 feet. A temporary on-site detour will have to be constructed due to excessive length of the bypass detour available (approximate 10 miles as per Caltrans's bridge inspection report dated January 29, 2012).	$ 188	$ 40	$ 1,077
HBP / SB 1	Bridge Replacement	Delta Mendota Canal on Nees	Replace the existing functionally obsolete, two-lane bridge with a new two-lane bridge that meets current standards.	$ 850	$ 120	$ 3,643
HBP SC	Scour Mitigation	Fowler Switch Canal on Adams	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 92	$ 6	$ 163
HBP SC	Scour Mitigation	Fowler Switch Canal on American	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP	Scour Mitigation	Fowler Switch Canal on DeWolf	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 449	$ 115	$ 2,070
HBP SC / SB 1	Bridge Replacement	Fowler Switch Canal on Golden State Boulevard	Replace existing cast in place reinforced concrete bridge 43 feet long and 71.8 feet wide with a cast in place reinforced concrete bridge 46 feet in length and 76 feet wide.	$ 535	$ 70	$ 2,450
HBP SC	Scour Mitigation	Fowler Switch Canal on Leonard	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP SC	Scour Mitigation	Fowler Switch Canal on Lincoln	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP SC	Scour Mitigation	Fowler Switch Canal on Manning	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 96	$ 6	$ 186
HBP SC	Scour Mitigation	Fowler Switch Canal on Quality	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP SC	Scour Mitigation	Fowler Switch Canal on Thompson	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP	Bridge Replacement	Fowler Switch on Trimmer Springs	Replace functionally obsolete cast-in-place concrete slab bridge (21.7 feet wide by 71.8 feet long) with a cast-in-place concrete slab bridge (34.87 feet wide and 75 feet long). The approach road needs to be widened from 16 feet to 32 feet.	$ 263	$ 40	$ 1,300
HBP	Bridge Replacement	Fresno Canal on Del Rey	Replace a functionally obsolete two-lane timber bridge with a bridge that meets current standards.	$ 435	$ 80	$ 2,070
HBP	Bridge Replacement	Fresno Canal on McKinley	Repalce the existing 2 lane timber bridge with a new 2 lane concrete bridge that meets current standards. The existing structure is in poor condition and should be replaced due to its age and hydraulic deficiencies.	$ 250	$ 310	$ 1,554
HBP SC	Scour Mitigation	Fresno Canal on Viau	Perform life cycle cost analysis to determine if scour should be repaired or if bridge should be replaced. Depending on study results, repair or replace.	$ 105	$ 60	$ 184
HBP	Bridge Replacement	Houghton Canal on Chateau Fresno	Replace a structurally deficient timber bridge, with posted load limits, with a bridge that meets current safety standards.	$ 371	$ 150	$ 1,597
SB 1	Culvert Replacement	Liberty Millrace Canal on Elkhorn	Replace double round unreinforced concrete pipe culvert with a standard box culvert of a size to be determined by the hydraulic analysis. Realign irrigation canal channel.	$ 100	$ -	$ 250
HBP / SB 1	Bridge Replacement	Outside Canal on Russell	Replace the existing bridge with box culvert which can flow in a submerged condition.	$ 841	$ 140	$ 3,718
HBP	Bridge Replacement	Reedley Main Canal on Englehart	Replace a functionally obsolete two-span reinforced concrete flat slab bridge with a bridge that meets current standards.	$ 275	$ 50	$ 1,195
HBP	Bridge Replacement	Sandridge Canal on Vineland	Replace functionally obsolete cast-in-place concrete slab bridge (21.7 feet wide by 25.9 feet long) with a cast-in-place concrete slab bridge (34.87 feet wide and 35 feet long). The approach road needs to be widened from 14.1 feet to 32.0 feet.	$ 168	$ 40	$ 941

Note 1: HBP = Highway Bridge Program, SB 1 = Senate Bill 1, SC = Scour Critical

Note 2: CIP/RC = Cast-in-Place / Reinforced Concrete