County of Santa Cruz

Bridge Preventative Maintenance Plan (PM 00059)

Federal Fiscal Year 2011/2012 Bridge Preventative Maintenance Program

Priority (Lowest Number is Top Priority)	County Location	Implementing Agency	Bridge number from Inspection Report	Local Agency Bridge ID	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (SF)	Total Participating Cost	Unit Cost ($/SF)	Federal Share	Running Fed Summary	Local Share	Running Local Share	FFY Funds Supplied
1	Santa Cruz	County of Santa Cruz DPW								Develop Next Years BPMP		$25,000		$22,125.50	$22,125	$2,868	$2,868	11/12
Project No. 1 - Polyester Concrete Overlay																		
2	Santa Cruz	County of Santa Cruz DPW	36C0091	36	Mt. Hermon Road	Zayante Creek (BOH)	0.7 Mi. N of Graham Hill Rd.	78.0	SD	Pave Deck with Polyester Concrete	18,710.00	$325,000	$17.37	$287,722	$309,875	$37,278	$40,146	
3	Santa Cruz	County of Santa Cruz DPW	36C0040	28	Glen Arbor Road	San Lorenzo River	Just E/O SR 9	74.2	SD	Pave Deck with Polyester Concrete	7,030.00	$150,000	$19.16	$132,795	$442,670	$17,205	$57,350	
										Construction Subtotal		$475,000		$420,517		$54,483		11/12
										Preliminary Engineering		$50,000		$52,119	$495,768	$6,882	$64,232	11/12
										Construction Engineering		$50,000		$44,365	$540,033	$5,735	$69,967	11/12
										Project Subtotal		$575,000		$517,901		$67,100		
Project No. 2 - Methacrylate																		
4	Santa Cruz	County of Santa Cruz DPW	36C0116	61	Valencia Road	Valencia Creek	@ Bear Valley Road	67.3	SD	Methacrylate the Entire Deck Surface	1,980.00	$20,000	$4.67	$20,362	$560,396	$2,898	$77,898	
5	Santa Cruz	County of Santa Cruz DPW	36C0084	2	Bear Creek Road	San Lorenzo River	at Santa Route 9	86.3	FO	Methacrylate the Entire Deck Surface	4,520.00	$22,000	$4.87	$19,477	$579,872	$2,525	$75,123	
6	Santa Cruz	County of Santa Cruz DPW	36C0140	5	Sonny Dean Rd.	Trout Star Equipment Road UC	2.1 Mi. N Highway 2	90.3		Methacrylate the Entire Deck Surface	3,000.00	$15,000	$4.92	$13,280	$593,151	$1,721	$78,844	
7	Santa Cruz	County of Santa Cruz DPW	36C0141	35	Graham Hill Road	Bean Creek	Int. Graham Hill/F Zayante	50.3	FO	Methacrylate the Entire Deck Surface	3,320.00	$15,000	$4.51	$13,250	$593,151	$1,721	$78,844	
										Construction Subtotal		$75,000		$66,398		$8,602		12/13
										Preliminary Engineering		$30,000		$26,559	$619,710	$3,441	$69,285	11/12
										Construction Engineering		$20,000		$17,706	$637,416	$2,294	$82,684	12/13
										Project Subtotal		$125,000		$110,663		$14,338		
Project No. 3 - Clean and Paint Timber Bridge Rails																		
8	Santa Cruz	County of Santa Cruz DPW	36C0037	68	E. Zayante Road	Zayante Creek	5.3 Mi N Graham Hill Road	72.2	FO	Clean and Paint Timber Bridge Rail (Total Rail L=92 ft)	1,452.00	$20,000	$13.77	$17,706	$655,122	$2,294	$84,876	
9	Santa Cruz	County of Santa Cruz DPW	36C0033	23	E. Zayante Road	Zayante Creek	5.6 Mi N Graham Hill Road	65.5	FO	Clean and Paint Timber Bridge Rail (Total Rail L=100 ft)	1,815.00	$23,000	$14.24	$20,362	$675,484	$2,638	$87,514	
10	Santa Cruz	County of Santa Cruz DPW	36C0126	82	Vena Road	Los Corralitos Creek	3 Mi. W Amesti Road	71.5	FO	Clean and Paint Timber Bridge Rail (Total Rail L=120 ft)	1,812.00	$25,000	$13.80	$22,123	$677,266	$2,877	$90,391	
11	Santa Cruz	County of Santa Cruz DPW	36C0157	23	Eureka Canyon Road	Shingle Mill Gulch	2 Mi. N Rider Road	80.5	FO	Clean and Paint Timber Bridge Rail (Total Rail L=44 ft)	633.00	$10,000	$20.09	$9,853	$686,109	$1,147	$91,531	
12	Santa Cruz	County of Santa Cruz DPW	36C0025	27	Eureka Canyon Road	Corralitos Creek	1.0 Mi N Rider Road	53.0		Clean and Paint Timber Bridge Rails (Total Rail L=75 ft)	1,136.00	$17,000	$14.96	$15,050	$701,159	$1,950	$93,481	
13	Santa Cruz	County of Santa Cruz DPW	36C0055	50	Lamond Street	San Lorenzo River	0.5 Mi. E Highway 9	71.8	FO	Clean and Paint Timber Bridge Rails (Total Rail L=210 ft)	3,270.00	$35,000	$10.70	$30,986	$732,143	$4,015	$97,495	
14	Santa Cruz	County of Santa Cruz DPW	36C0151	16	Cassanty Road	Green Valley Creek	0.4 Mi. N Green Valley Road	80.7		Clean and Paint Timber Bridge Rails (Total Rail L=82 ft)	765.00	$10,000	$13.93	$10,935	$743,078	$2,065	$99,560	
15	Santa Cruz	County of Santa Cruz DPW	36C0152	17	Cassanty Road	Green Valley Creek	0.3 Mi. E Robin Meadow Ln	69.8		Clean and Paint Timber Bridge Rails (Total Rail L=80 ft)	753.00	$12,000	$15.94	$10,624	$753,702	$1,375	$100,935	
16	Santa Cruz	County of Santa Cruz DPW	36C0133	30	Glen Arbor Road	Love Creek	0.1 Mi. E Hwy 9	76.4		Clean and Paint Timber Bridge Rails (Total Rail L=98 ft)	1,165.00	$22,000	$18.87	$19,477	$773,179	$2,523	$103,458	
17	Santa Cruz	County of Santa Cruz DPW	36C0038	55	Continental Drive	Zayante Creek	N Graham Hill Rd	48.5	SD	Clean and Paint Timber Bridge Rails (Total Rail L=1050 ft) Replace portion limbo sidewalk	12,050.00	$100,000	$8.30	$88,530	$866,709	$11,470	$114,928	
18	Santa Cruz	County of Santa Cruz DPW	36C0130	14	Carol Drive	Lompico Creek	East of Lompico Road	65.5	FO	Clean and Paint Timber Bridge Rails (Total Rail L=80 ft)	753.00	$12,000	$15.94	$10,624	$877,332	$1,375	$116,303	
19	Santa Cruz	County of Santa Cruz DPW	36C0052	76	Swanton Road	Scott Creek	1.8 Mi NW of SR1	68.4		Clean and Paint Timber Bridge Rails (Total Rail L=150 ft)	1,950.00	$30,000	$15.39	$26,559	$903,891	$3,441	$119,747	
										Construction Subtotal		$324,000		$286,837		$37,163		11/12
										Preliminary Engineering		$30,000		$26,559	$930,450	$3,441	$123,188	11/12
										Construction Engineering		$20,000		$17,706	$948,156	$2,294	$125,482	11/12
										Project Subtotal		$374,000		$331,102		$42,898		
Project No. 4 - Scour Protection Repair																		
20	Santa Cruz	County of Santa Cruz DPW	36C0116	61	Valencia Road	Valencia Creek	@ Bear Valley Road	67.5	SD	Repair abutment scour protection	1,900.00	$35,000	$7.[illegible]	$30,966	$979,112	$4,034	$129,516	
21	Santa Cruz	County of Santa Cruz DPW	36C0113	71	Summit Drive	Uvas Creek	Travaille Island Dr	81.9	FO	Repair abutment scour protection	1,075.00	$90,000	$83.72	$79,677	$1,058,789	$10,323	$139,839	
										Construction Subtotal		$125,000		$110,643		$14,357		12/13
										Preliminary Engineering		$30,000		$26,559	$1,085,348	$3,441	$143,280	11/12
										Construction Engineering		$20,000		$17,706	$1,103,054	$2,294	$145,574
										Project Subtotal		$175,000		$154,928		$20,073		12/13
										Total Costs		$1,284,000		$1,136,725		$147,275	
										FFY 11/12		$1,004,000		$924,253		$119,747	
										FFY 12/13		$280,000		$212,472		$27,528	