

### County of Santa Cruz

#### Bridge Preventative Maintenance Plan

#### Federal Fiscal Year 2015/2016 Bridge Preventative Maintenance Program

December 3, 2015

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 (ft <sup>2</sup> )	Total Participating Cost	Unit Cost (\$/ft <sup>2</sup> )	Federal Share	Running Fed Summary	Local Share	Running Local Share
1	Santa Cruz	County of Santa Cruz DPW								Develop Next Years' BPMP		\$25,000		22,132.50	\$22,133	\$2,868	\$2,868

FFY Funds Requested  
15/16

**Project No. 1 - Bridge Strengthening**

2	Santa Cruz	County of Santa Cruz DPW	36C0118	40	Green Valley Road	Cassery Creek Tributary No. 2	@ Travers Lane	59.5	FO	Increase load carrying capacity of concrete "T" girder bridge	550.00	\$90,000	\$163.64	\$79,677	\$101,810	\$10,323	\$13,191
												Construction Subtotal	\$90,000	\$79,677	\$10,323		
												Preliminary Engineering	\$50,000	\$44,265	\$146,075	\$5,735	\$18,926
												Construction Engineering	\$20,000	\$17,706	\$163,781	\$2,294	\$21,220
												<b>Project Subtotal</b>	<b>\$160,000</b>	<b>\$141,648</b>	<b>\$18,352</b>		

16/17  
15/16  
16/17

**Project No. 2 - Scour Repair**

3	Santa Cruz	County of Santa Cruz DPW	36C0129	65	Scaroni Road	Majors Creek		66.7	FO	Replace/repair scour countermeasures. Replace deteriorated rail members	487.00	\$80,000	\$164.27	\$70,824	\$234,605	\$9,176	\$30,396
												Construction Subtotal	\$80,000	\$70,824	\$9,176		
												Preliminary Engineering	\$50,000	\$44,265	\$278,870	\$5,735	\$36,131
												Construction Engineering	\$15,000	\$13,280	\$292,149	\$1,721	\$37,851
												<b>Project Subtotal</b>	<b>\$145,000</b>	<b>\$128,369</b>	<b>\$16,632</b>		

17/18  
15/16  
17/18

<b>Total Costs</b>	<b>\$330,000</b>	<b>\$292,149</b>	<b>\$37,851</b>
FFY 15/16	\$125,000	\$110,662	\$14,338
FFY 16/17	\$110,000	\$97,383	\$12,617
FFY 17/18	\$95,000	\$84,103	\$10,897