

PM00135  
County of Santa Cruz

Bridge Preventative Maintenance Plan

Federal Fiscal Year 2016/2017 Bridge Preventative Maintenance Program

September 27, 2016

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	FFY Funds Requested
1	Santa Cruz	County of Santa Cruz DPW								Develop Next Years' BPMP		\$25,000		22,132.50	\$22,133	\$2,868	\$2,868	16/17
<b>Project No. 1 - Bridge Strengthening</b>																		
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	
												\$90,000	\$79,677	\$10,323		17/18		
												\$50,000	\$44,265	\$5,735	\$18,926	16/17		
												\$20,000	\$17,706	\$2,294	\$21,220	17/18		
												<b>\$160,000</b>	<b>\$141,648</b>	<b>\$18,352</b>				
<b>Project No. 2 - Scour Repair</b>																		
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	
												\$80,000	\$70,824	\$9,176		18/19		
												\$50,000	\$44,265	\$5,735	\$36,131	16/17		
												\$15,000	\$13,280	\$1,721	\$37,851	18/19		
												<b>\$145,000</b>	<b>\$128,369</b>	<b>\$16,632</b>				
<b>Project No. 3 - Polyester Concrete</b>																		
4	Santa Cruz	County of Santa Cruz DPW	36C0067	69	Porter Street	Soquel Creek		88.8	SD	Place polyester concrete overlay and replace joint seals	8,640.00	\$280,000	\$32.41	\$247,884	\$540,033	\$32,116	\$69,967	
												\$280,000	\$247,884	\$32,116		17/18		
												\$50,000	\$44,265	\$5,735	\$75,702	16/17		
												\$40,000	\$35,412	\$4,588	\$80,290	17/18		
												<b>\$370,000</b>	<b>\$327,561</b>	<b>\$42,439</b>				
												<b>\$700,000</b>	<b>\$619,710</b>	<b>\$80,290</b>				
												\$175,000	\$154,927	\$20,073				
												\$430,000	\$380,679	\$49,321				
												\$95,000	\$84,103	\$10,897				