

Attachment 1 - Contra Costa County
Federal Fiscal Year 2016/2017 Bridge Preventive Maintenance Program

Priority (Lowest Number Is Top Priority)	Agency Location	Bridge Number from Inspection Report	Facility Carried	Feature Intersected	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft ²)	Unit Cost (\$/ft ²)	Federal Share	Local Share	Total Particip. Cost	
1		28C0207	Del Monte Dr	BNSF RY	0.1 mi N San Pablo Ave	53.8		New Approach Slabs	3842.72	\$20.04	\$68,168	\$8,832	\$77,000	
								Joint Seal Replacement		\$2.34	\$7,968	\$1,032	\$9,000	
								Spot Blast Clean & Paint Structural Steel		\$18.87	\$64,184	\$8,316	\$72,500	
2		28C0389	Freeman Road	Las Trampas Creek	0.1 mi West of Stanley Ct	69.5		Joint Seal Replacement	2877.19	\$2.43	\$6,197	\$803	\$7,000	
								Spot Blast Clean & Paint Structural Steel		\$48.66	\$123,942	\$16,058	\$140,000	
								Minor Concrete		\$0.14	\$354	\$46	\$400	
								Clean and Paint Structural Steel		\$0.03	\$89	\$11	\$100	
3		28C0227	Bear Creek Road	Bear Creek	0.4 mi N Happy Valley Rd	62.1		New Approach Slabs	3751.22	\$19.06	\$63,299	\$8,201	\$71,500	
								Joint Seal Replacement		\$4.40	\$14,607	\$1,893	\$16,500	
4		28C0495	Briones Valley Rd	Briones Valley Creek	2.9 mi W Deer Valley Rd	59.4		Replace / Tighten Bolts	632.92	\$11.06	\$6,197	\$803	\$7,000	
								Spot Blast Clean & Paint Structural Steel		\$119.29	\$66,840	\$8,660	\$75,500	
5		28C0398	Concord Avenue	Marsh Creek	1.0 mi W Walnut Ave	72.2		Stabilize Wingwalls	640.45	\$257.63	\$146,075	\$18,926	\$165,000	
								Inject Cracks		\$22.64	\$12,837	\$1,663	\$14,500	
6		28C0382	La Honda Rd	San Pablo Creek	0.1 mi N San Pablo Dam Rd	70.4		Hot Mix Asphalt	1317.50	\$15.56	\$18,149	\$2,351	\$20,500	
								Replace Timber Members		\$47.06	\$54,889	\$7,111	\$62,000	
7		28C0150	Waterfront Rd	Peyton Slough	0.4 mi E I-680	53.7		New Approach Slabs	1280.91	\$49.42	\$56,039	\$7,261	\$63,300	
								Joint Seal Replacement		\$5.46	\$6,197	\$803	\$7,000	
								Spot Blast Clean & Paint Structural Steel		\$9.91	\$11,243	\$1,457	\$12,700	
8		28C0122	Byron Hwy	Kellogg Creek	0.5 mi S SR 4	78.1		Replace Wingwall	1133.44	\$8.82	\$8,853	\$1,147	\$10,000	
9		28C0329	Appian Way	San Pablo Creek	At San Pablo Dam Rd	71.5		Joint Seal Replacement	6212.93	\$2.49	\$13,722	\$1,778	\$15,500	
								Spot Blast Clean & Paint Structural Steel		\$5.87	\$32,313	\$4,187	\$36,500	
10		28C0396	Golf Club Road	Contra Costa Canal	At Paso Nogal	74.0		Clean and Paint Structural Steel	1469.27	\$9.53	\$12,394	\$1,606	\$14,000	
11		28C0171	Nichols Rd	UPRR, BNSF & AMTRAK	0.3 mi N Port Chicago Hwy	79.2		New Approach Slabs	2561.81	\$25.80	\$58,518	\$7,582	\$66,100	
								Joint Seal Replacement		\$2.93	\$6,640	\$860	\$7,500	
								Clean and Paint Structural Steel (Railing)		\$4.65	\$10,535	\$1,365	\$11,900	
12		28C0059	San Pablo Ave	Garrity Creek	0.03 mi N Tara Hills Dr	78.3		Clean and Paint Structural Steel (Railing)	2373.44	\$0.29	\$620	\$80	\$700	
											Grand Total =	\$870,870	\$112,830	\$983,700

Notes: ① 10% Mobilization and 25% Contingency included in costs.
② See "Bridge Preventive Maintenance Program Assessment Report" for cost breakdown.