

CITY OF BAKERSFIELD - BRIDGE PREVENTIVE MAINTENANCE PLAN
 BPMP Project List No. 1

Project Number: BPMP 5109 (222)

PM00145

BPMP Priority (Lowest Number Is Top Priority)	County Location	Implementing Agency	Bridge number from Inspection Report	Facility Carried	Feature Intersected	Location	ADT	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft ²)	PE Cost	CON Cost	Total Participating Cost	Federal Share (88.53%)	Local Share (11.47%)	Unit Cost (\$/ft ²)	Running Federal Share
1	Kern	City of Bakersfield	Develop next year's BPMP											\$25,000	\$22,133	\$2,868		\$22,133
2	Kern	City of Bakersfield	50C0327	Calloway Drive	Kern River	0.1 mile north of Stockdale Highway	20400	95.1		1. Treat the deck with methacrylate. 2. Replace Type B seal at pier 8 and abutment 15.	45,190	\$19,421	\$194,209	\$213,630	\$189,127	\$24,503	\$ 4.73	\$211,259
3	Kern	City of Bakersfield	50C0067	Buck Owens Boulevard	Calloway Canal	1 mile north of SR178	7348	94.3		1. Treat the deck with methacrylate.	9,030	\$9,720	\$97,200	\$106,920	\$94,656	\$12,264	\$ 11.84	\$305,915
4	Kern	City of Bakersfield	50C0336	Monitor Street	Arvin-Edison Canal	South of Ivy Trae Lane	5000	97.8		1. Treat the deck with methacrylate.	3,550	\$7,630	\$76,300	\$83,930	\$74,303	\$9,627	\$ 23.64	\$380,219
5	Kern	City of Bakersfield	50C0318	Stockdale Highway	Cross Valley Canal	0.7 mile east Allen Road	16000	88.0		1. Treat the deck with methacrylate. 2. Replace the Type A joint seals at the abutments.	7,720	\$14,000	\$140,000	\$154,000	\$136,336	\$17,664	\$ 19.95	\$516,555
6	Kern	City of Bakersfield	50C0311	Ming Avenue	Arvin-Edison Canal	0.2 mile west Gosford Road	24400	75.0		1. Treat the deck with methacrylate.	4,900	\$9,200	\$92,000	\$101,200	\$89,592	\$11,608	\$ 20.65	\$606,147
7	Kern	City of Bakersfield	50C0012	Stockdale Highway	Kern River	0.3 mile with Buena Vista Road	46000	84.0		1. Treat the deck with methacrylate. 2. Clean rebar and apply epoxy coating to bents 7 and 14. 3. Replace all Type B seals.	56,950	\$30,800	\$308,000	\$338,800	\$299,940	\$38,860	\$ 5.95	\$906,087
8	Kern	City of Bakersfield	50C0081R	North Chester Avenue NB	Kern River	0.3 mile south of Roberts Lane	9973	97.7		1. Treat the deck with methacrylate.	17,760	\$13,000	\$130,000	\$143,000	\$126,598	\$16,402	\$ 8.05	\$1,032,685
9	Kern	City of Bakersfield	50C0393R	Rosedale Highway	Kern River	0.2 mile east of Highway 99	26000	94.3		1. Treat the bridge deck with methacrylate.	23,080	\$25,400	\$254,000	\$279,400	\$247,353	\$32,047	\$ 12.11	\$1,280,037
10	Kern	City of Bakersfield	50C0155	Service Road	Service Road OC	North of 14th Street	3528	85.7		1. Treat the bridge deck with methacrylate. 2. Replace the deck joint seals.	3,695	\$6,190	\$61,900	\$68,090	\$60,280	\$7,810	\$ 18.43	\$1,340,318
11	Kern	City of Bakersfield	50C0303L	Coffee Road SB	Cross Valley Canal	0.3 mile north of Truxtun Avenue	40900	64.0		1. Replace Type A joint seal over pier 2. 2. Repair the erosion at the Abutment 3 embankment.	6,640	\$7,000	\$70,000	\$77,000	\$68,168	\$8,832	\$ 11.60	\$1,408,486
12	Kern	City of Bakersfield	50C0249	South Gate Drive	Kern Island Canal	East of South H Street	1500	89.3		1. Patch the spall at the terminal of left wingwall near Abutment 4.	1,046	\$6,230	\$62,300	\$68,530	\$60,670	\$7,860	\$ 65.52	\$1,469,155