

CITY OF BAKERSFIELD - BRIDGE PREVENTIVE MAINTENANCE PLAN
 BPMP Project List No. 2

BPMP Priority (Lowest Number Is Top Priority)	County Location	Implementing Agency	Bridge number from Inspection Report	Facility Carried	Feature Intersected	Location	ADT	Sufficiency Rating	Work Description	Deck Area (ft ²)	PE Cost	CON Cost	Total Participatin g Cost	Federal Share (88.53%)	Local Share (11.47%)	Unit Cost (\$/ft2)	Running Federal Share
1	Kern	City of Bakersfield	50C0295	Beale Avenue	East Side Canal	South Monterey Street	10000	87.4	1. Patch all the spalls on the headwall and wing walls. Clean any exposed fence posts and rebar to bare steel and apply an appropriate paint system.	2,322	\$4,644	\$46,440	\$51,084	\$45,225	\$5,859	\$ 22.00	\$45,225
2	Kern	City of Bakersfield	50C0177	Truxtun Avenue	Kern River Canal	0.1 mile east Coffee Road	27600	86.5	1. Chip back loose concrete from the soffit spall located in the northerly bay, clean steel and patch the spall.	4,235	\$8,470	\$84,700	\$93,170	\$82,483	\$10,687	\$ 22.00	\$127,708
3	Kern	City of Bakersfield	50C0179L	Gosford Road SB	Kern River Canal	0.2 mile south Truxtun Avenue	17700	69.5	1. Apply methacrylate to the entire deck.	2,934	\$11,736	\$117,360	\$129,096	\$114,289	\$14,807	\$ 44.00	\$241,997
4	Kern	City of Bakersfield	50C0179R	Gosford Road NB	Kern River Canal	0.2 mile south Truxtun Avenue	18900	67.7	1. Apply methacrylate to the entire deck.	2,934	\$11,736	\$117,360	\$129,096	\$114,289	\$14,807	\$ 44.00	\$356,285
5	Kern	City of Bakersfield	50C0180L	Gosford Road SB	Arvin-Edison Canal	0.3 mile south Truxtun Avenue	17700	68.3	1. Identify extent of deck delaminations. Remove areas of unsound concrete. Patch deck spalls and apply methacrylate to the entire deck.	3,530	\$17,650	\$176,500	\$194,150	\$171,881	\$22,269	\$ 55.00	\$528,166
6	Kern	City of Bakersfield	50C0180R	Gosford Road NB	Arvin-Edison Canal	0.3 mile south Truxtun Avenue	18900	67.7	1. Apply methacrylate to the entire deck.	3,185	\$12,740	\$127,400	\$140,140	\$124,066	\$16,074	\$ 44.00	\$652,232
7	Kern	City of Bakersfield	50C0303R	Coffee Road NB	Cross Valley Canal	0.3 mile north Truxtun Avenue	40900	66.0	1. Replace the Type "A" joint seal at Pier 2.	5,207	\$4,166	\$41,656	\$45,822	\$40,566	\$5,256	\$ 8.80	\$692,798
8	Kern	City of Bakersfield	50C0147	P Street	Kern Island Canal	0.1 mile north Brundage Lane	5594	73.1	1. Remove the unsound concrete and patch the spalls at the left headwall in Span 2 and left wingwall junction with Abutment 1.	2,720	\$5,440	\$54,400	\$59,840	\$52,976	\$6,864	\$ 22.00	\$745,775
9	Kern	City of Bakersfield	50C0148	South Chester Avenue	Kern Island Canal	South of Terrace Way	14062	88.1	1. Repair the broken left timber rail near Abutment 1 and secure the anchorages. 2. Patch the spall in the left sidewalk near Abutment 3.	5,869	\$8,804	\$88,035	\$96,839	\$85,731	\$11,107	\$ 16.50	\$831,506
10	Kern	City of Bakersfield	50C0149	Belle Terrace Way	Kern Island Canal	East of "H" Street	4133	89.1	1. Repair the eastbound roadway above the culvert. 2. Protect the rebar on the south headwall above Span 2.	2,272	\$4,544	\$45,440	\$49,984	\$44,251	\$5,733	\$ 22.00	\$875,757
11	Kern	City of Bakersfield	50C0296	Haley Street	East Side Canal	South Monterey Street	2876	90.2	1. Treat the bridge deck with methacrylate.	1,400	\$6,300	\$63,000	\$69,300	\$61,351	\$7,949	\$ 49.50	\$937,108