

Kern County Bridge Preventive Maintenance Project

Notes: Total participating cost includes:
1. Mobilization of 20% to account for small and remote projects.
2. Contingency of 25% to account for higher risk in cost variance for maintenance projects.
3. Preliminary Engineering of 25%
4. Construction Engineering of 15%



Group	Priority (Lowest Number Is Top Priority)	Agency Location	Bridge number from Inspection Report	Facility Carried	Feature Intersected	Location	Sufficiency Rating	NBI Condition Rating	Work Description	Width (ft)	Length (ft)	Deck Area (ft2)	Total Participating Cost (See Notes)	Unit Cost (\$/ft2)	Federal Share	Running Fed Summary	Local Share	Running Local Share
4B	13	Kern County	50C0115	BUTTONWILLOW DRIVE	WESTSIDE CANAL	0.5 MI SOUTH OF BRITE RD	95.70	Fair	1. Provide scour countermeasure at Bent 2 and Abutment 3. - Class III or IV RSP at both abutments and pile bent per BIRIS.	40.68	38.06	1,548	\$ 159,000	\$ 102.70	\$ 127,200	\$ 127,200	\$ 31,800	\$ 31,800
4B	17	Kern County	50C0201	TUPMAN ROAD	WESTSIDE CANAL	1.4 MI S OF STATION ROAD	96.50	Good	1. Backfill the erosion gullies at both side of the Abutment 1. - Observed minor rill/gully at both south-east and south-west corners of bridge - Recommend filling and compact rill/gully with 2'x20' of Class II RSP (typical both southern corners.	40.68	122.05	4,965	\$ 221,000	\$ 44.51	\$ 176,800	\$ 304,000	\$ 44,200	\$ 76,000
4B	29	Kern County	50C0134	MIDWAY ROAD	POLLUTION CREEK	0.4 MI W OF SH 119	73.20	Fair	1. Backfill the soil erosion along the left wingwall of Abutment 1. - Observed that recent low berm graded on both upstream and downstream sides of road with dirt/asphalt grindings will cause runoff to pond overbridge/culvert (lowpoint in roadway) - Observed recent fill of BIR noted erosion at SE corner of bridge with asphalt grindings - Recommend constructing AC dike and overside drain or flume downdrain at all 4 corners of the bridge to provide flow path to channel bottom.	31.50	27.89	878	\$ 65,000	\$ 74.01	\$ 52,000	\$ 356,000	\$ 13,000	\$ 89,000
4C	7	Kern County	50C0196	CADET ROAD	CALIFORNIA AQUEDUCT	1.5 MI W GARDNER FIELD RD	74.40	Fair	1. Treat the deck cracks with methacrylate. 2. Backfill the lost material behind the right wingwall at Abutment 4 and repair the drainage in this area to prevent future erosion. - Fill eroded slope at southeast corner and installing dike with AC overside drain or short flume downdrain.	34.12	190.94	6,515	\$ 263,000	\$ 40.37	\$ 210,400	\$ 566,400	\$ 52,600	\$ 141,600
									TOTALS				\$ 708,000			\$ 566,400		\$ 141,600

75% CONST= \$ 531,000

25% PE= \$ 177,000