

Kern County
Bridge Prevention Maintenance Program

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	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
3B	Kern County	50C0397	STATE ROUTE 58	CALLOWAY CANAL	1.5 MI S SHERMAN AVE	64.00	Fair	1. (11/06/2019 BIR) Backfill the eroded portion of the embankment at both abutments. 2. (11/16/2016 BIR) Backfill the eroded portion of the embankment at Abutment 1 left. - Regrade the slopes with concrete lining or RSP or native soil.	97.11	163.06	15,835	\$ 259,000	\$ 16.36	\$ 207,200	\$ 207,200	\$ 51,800	\$ 51,800
3B	Kern County	50C0042	STANDARD STREET	CALLOWAY CANAL	0.6 MI N GILMORE AVE	65.00	Fair	1. Fill and build-up the front slope of Abutment 1 that was levelled by the homeless and fill the erosion gully at the right side of Abutment 6. - Add soil and/or geotextile or RSP to backfill slope against abutment - Fill the gully/rill with native soil and installing AC oversde drain. - Grade the area to drain to the overside drain.	42.98	122.05	5,245	\$ 115,000	\$ 21.92	\$ 92,000	\$ 299,200	\$ 23,000	\$ 74,800
3C	Kern County	50C0219	MALAGA RD	ARVIN-EDISON CANAL	0.5 MI N PANAMA LN	96.20	Good	1. Provide drainage control to prevent roadway/surface runoff from eroding below abutment diaphragms and along the Abutment 1 wingwalls. - Recommend slurry backfill of slope under the southern end of bridge extending to the concrete lined channel - Recommend installing concrete slab at both sides, similar to slabs found at both sides on the northern abutment - Alternatively AC paving of slopes or install 5'x25'(estimate) of Class III RSP - Recommend digout and repair approaches - Also recommend armoring downstream end of abutment and channel bank on north side of bridge with Class VI or larger extending 20 ft downstream (roughly 32 to 40 x6' area)	41.34	84.97	3,513	\$ 168,000	\$ 47.83	\$ 134,400	\$ 433,600	\$ 33,600	\$ 108,400
								TOTALS				\$ 542,000			\$ 433,600		\$ 108,400

75% CONST= \$ 406,500
25% PE= \$ 135,500