

Tulare County Bridge Preventive Maintenance Program (BPMP) Priority List - Aug 31, 2016

PM00149

Priority (Lowest Number Is Top Priority)	Road Maint. District	Bridge number from Inspection Report	Facility Carried (Roadway)	Feature Intersected (Crossing)	Location	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft ²)	PE Costs	Construction Cost	Total Cost	Unit Cost (\$/ft ²)
GROUP NO. 5													
1								Annual Development & Maintenance of BPMP Bridge List				\$ 25,000	
2	2	46C0036	ROAD 168	TULARE IRRIG DIST CANAL	0.1 MI N OF SR 198	96.8	---	1. Mitigate scour condition at downstream end of pier 3	2,418	\$ 20,100	\$ 83,900	\$ 104,000	\$ 30.20
3	4	46C0058	D 60	CROSS CREEK	2.05 MI S OF AVE 352	93.6	---	1. Provide adequate scour protection at Bents 3 and 4	4,158	\$ 18,600	\$ 78,400	\$ 97,000	\$ 16.40
4	4	46C0059	D 60	CROSS CREEK	1.95 MI S OF AVE 352	95.3	---	1. Protect the exposed piles at the abutment and bents from further scouring	2,681	\$ 43,900	\$ 184,100	\$ 228,000	\$ 59.73
5	5	46C0073	M 109	DEER CREEK	0.9 MI N OF AVE 104	96.9	---	1. Place appropriate scour counter measures at both abutments and the wing walls	4,965	\$ 49,900	\$ 210,100	\$ 260,000	\$ 36.81
6	5	46C0086	ROAD 272	DEER CREEK	0.3 MI S OF M120	92.8	---	1. Provide scour protection at the piers and Abutment 1	3,125	\$ 90,300	\$ 381,700	\$ 472,000	\$ 106.24
7	5	46C0087	M 120	DEER CREEK	0.5 MI E OF R 272	97.0	---	1. Apply methacrylate deck treatment 2. Provide scour protection at the piers	3,100	\$ 36,600	\$ 155,400	\$ 192,000	\$ 43.61
8	2	46C0106	ROAD 144	DEER CREEK	0.1 MI S OF A72	93.7	SD	1. Place scour countermeasures at Piers 2 and 3 2. Apply methacrylate deck treatment	3,932	\$ 37,400	\$ 158,600	\$ 196,000	\$ 35.09
9	5	46C0108	AVE 88	DEER CREEK	0.2 MI E OF RD 176	95.9	---	1. Place scour protection at Piers 2 and 3	4,646	\$ 31,700	\$ 131,300	\$ 163,000	\$ 24.58
10	5	46C0137	ROAD 192	DEER CREEK	0.05 MI SOUTH OF AVE 96	73.8	---	1. Provide adequate scour protection at the upstream and downstream ends of the paved invert	2,549	\$ 49,900	\$ 210,100	\$ 260,000	\$ 71.69
11	1	46C0160	M 192	S FK OF MID FK OF TUL RI	.5 MI SE OF M193A	74.7	---	1. Repair the spall along the right outside edge of deck in Span 1 2. Provide an adequate lateral shear connection at Abutment 4 to compensate for the broken seat connection bolts 3. Clean the open joints and install a pourable joint seal to prevent any further soil penetration 4. Provide appropriate scour protection at all affected areas 5. Remove the soil from all the bearing seats	966	\$ 53,800	\$ 228,200	\$ 282,000	\$ 205.40
12	4	46C0198	M 348 S. FORK DR	S FORK KAWEAH RIVER	1.42 MI SE OF M347	72.3	---	1. Provide scour protection at the exposed footings	1,367	\$ 36,200	\$ 149,800	\$ 186,000	\$ 95.31
13	5	46C0202	M 112	DEER CREEK	5.86 MI SE OF M120	81.3	---	1. Accomplish the work proposed in the Scour Plan of Action	1,139	\$ 57,400	\$ 241,600	\$ 299,000	\$ 184.45
14	5	46C0204	M 112	TYLER CREEK	0.3 MI N OF M56	81.3	---	1. Repair the scour condition occurring at the footing of Abutment 2	663	\$ 14,000	\$ 58,000	\$ 72,000	\$ 76.06
15	5	46C0205	SM56(HOT SPRGS RD)	DEER CREEK	16.4 MI E M109	69.6	---	1. Repair the damaged bridge rail along the right side of bridge. The rail posts are corroding at the base and as a result, the rail is loose 2. Protect the footing of Abutment 1 from scour	771	\$ 14,800	\$ 60,200	\$ 75,000	\$ 67.90
16	4	46C0226	AVE 428	FRIANT-KERN CANAL	0.4 MI EAST OF ROAD 144	94.0	---	1. Apply methacrylate deck treatment 2. Place scour protection at Abutment 1 and Bent 2 3. Reset the moveable bearings at Abutment 4 4. Remove the AC from sliding steel plate joint to allow for joint movement	2,206	\$ 64,300	\$ 270,700	\$ 335,000	\$ 106.72
17	2	46C0269	ROAD 80	ELK BAYOU	1.1 MI N OF AVE 160	71.4	---	1. Remove the existing AC and leave the deck bare 2. Protect exposed pile caps at Pier 2 and Pier 3 from Scouring	1,998	\$ 30,700	\$ 128,300	\$ 159,000	\$ 55.84
18	1	46C0309	AVE 220	LEWIS CREEK	0.25 MI E OF RD 244	83.1	---	1. Place scour protection at the abutments and wingwalls	621	\$ 31,800	\$ 132,200	\$ 164,000	\$ 185.23
19	2	46C0318	ROAD 136	DEER CREEK	0.6 MI S OF AVE 78	90.9	---	1. Provide adequate scour countermeasure at this structure	3,439	\$ 22,300	\$ 93,700	\$ 116,000	\$ 23.71
20	4	46C0330	ROAD 180	COTTONWOOD CREEK	0.4 MI N OF A 352	83.0	FO	1. Provide scour protection at Piers 4 and 5	2,077	\$ 35,100	\$ 148,900	\$ 184,000	\$ 62.34
21	2	46C0390	ROAD 148	TULARE IRRIG DIST CANAL	0.8 MI S OF AVE 280	84.1	---	1. Move the rubble that is blocking the flow under Span 2 and place it around Pier 3 to help protect the undermining area at the base of the pier	1,633	\$ 12,400	\$ 51,600	\$ 64,000	\$ 27.49
22	1	46C0403	AVE 304	CROCKER CUT	0.2 MI E OF RD 180	71.1	---	1. Place scour protection at the downstream end of bridge 2. Clean any exposed rebar and patch the rock pockets throughout the structure	1,524	\$ 16,600	\$ 68,400	\$ 85,000	\$ 39.06
23	2	46C0408	ROAD 152	OAKES DITCH	0.4 MI N OF SR 198	86.4	---	1. Repair scour protection at all affected areas	1,336	\$ 58,900	\$ 249,100	\$ 308,000	\$ 162.15
24	1	46C0416	M 296	NORTH FORK TULE RIVER	0.3 MI EAST OF M239	71.9	---	1. Place scour protection at the footing of Abutment 2 2. Repair concrete girder spalls after cleaning the exposed rusty reinforcing steel	826	\$ 19,700	\$ 81,300	\$ 101,000	\$ 85.66
25	4	46C0420	ROAD 108	SAINT JOHNS RIVER	0.75 MI S OF AVE 328	84.4	SD	1. Apply methacrylate deck treatment 2. Place scour protection at all affected areas	5,740	\$ 27,300	\$ 112,700	\$ 140,000	\$ 17.08
Total for Group No. 5										\$ 873,700	\$ 3,668,300	\$ 4,567,000	\$ 55.13