

Madera County
Federal Fiscal Year 2023/2024 Bridge Preventive Maintenance Program
BPMP Project No. 1

Priority (Lowest Number is Top Priority)	Agency Location (Supervisorial District)	Implementing Agency	Owner	Bridge Number from Inspection Report	US Congressional District	Facility Carried	Feature Intersected	Location	CRS	Sufficiency Rating	SD/FO Status	Work Description	Deck Area (ft ²)	Length	Width	Spans	Total Cost	Fed Share	Local Share	Running Total	Running Federal Share	Running Local Share
34	5	Madera County	Madera County	41C0003	5	Road 800 (Bailey Flats Rd.)	Chowchilla River	5.4 mi. N of Green Mtn. Road	10M	98.9		1. Methacrylate deck treatment	6,049	192	31	2	\$ 41,715.60	\$ 33,372.48	\$ 8,343.12	\$ 41,716	\$ 33,372	\$ 8,343
22	1	Madera County	Madera County	41C0010	13	Avenue 9	Union Pacific RR (Avenue 9 OH)	East of State Hwy 99	10N31	86.7		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	1,528	204	32	3	\$ 20,581.92	\$ 16,465.54	\$ 4,116.38	\$ 62,298	\$ 49,838	\$ 12,460
24	5	Madera County	Madera County	41C0019	5	Road 426	Fresno River	0.2 mi. S of State Hwy 41	10M34	88.7	SD	1. Methacrylate deck treatment	7,072	93	64	1	\$ 54,309.25	\$ 43,447.40	\$ 10,861.85	\$ 116,607	\$ 93,285	\$ 23,321
27	1	Madera County	Madera County	41C0024	13	Avenue 11	Cottonwood Creek	0.07 mi. W of Road 28-1/2	9N35	96.4		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	3,574	116	30	4	\$ 69,846.28	\$ 55,877.02	\$ 13,969.26	\$ 186,453	\$ 149,162	\$ 37,291
9	2	Madera County	Madera County	41C0026	13	Road 19	Fresno River	0.45 mi. S of Avenue 16	9N	78.1		1. Methacrylate deck treatment	7,212	236	30	8	\$ 46,033.81	\$ 36,827.05	\$ 9,206.76	\$ 232,487	\$ 185,989	\$ 46,497
29	2	Madera County	Madera County	41C0034	13	Road 19	Ash Slough	0.8 mi. N of Avenue 26	9M53	96.9		1. Methacrylate deck treatment	11,248	283	30	10	\$ 87,866.85	\$ 70,293.48	\$ 17,573.37	\$ 320,354	\$ 256,283	\$ 64,071
7	3	Madera County	Madera County	41C0045	13	Avenue 7	Union Pacific RR (Avenue 7 OH)	East of State Hwy. 99	10N31	77.6		1. Methacrylate deck treatment	7,589	193	32	3	\$ 14,683.81	\$ 11,747.05	\$ 2,936.76	\$ 335,038	\$ 268,030	\$ 67,008
32	3	Madera County	Madera County	41C0058	13	Avenue 18-1/2	Union Pacific RR (Avenue 18-1/2 OH)	East of State Hwy. 99	9N14	97.9		1. Methacrylate deck treatment	7,868	197	40	3	\$ 68,235.92	\$ 54,588.74	\$ 13,647.18	\$ 403,273	\$ 322,619	\$ 80,655
33	3	Madera County	Madera County	41C0059	13	Avenue 20	Union Pacific RR (Avenue 20 OH)	East of State Hwy. 99	9N14	98.0		1. Methacrylate deck treatment	7,072	148	40	3	\$ 52,579.25	\$ 42,063.40	\$ 10,515.85	\$ 455,853	\$ 364,682	\$ 91,171
21	3	Madera County	Madera County	41C0062	13	Avenue 19	Dry Creek	0.4 mi. E of Road 24	9N14	85.0		1. Methacrylate deck treatment	1,593	59	30	2	\$ 57,145.32	\$ 45,716.25	\$ 11,429.06	\$ 512,998	\$ 410,398	\$ 102,600
28	1	Madera County	Madera County	41C0064	13	Avenue 12	Chowchilla Canal Bypass	1.5 mi. NE of Avenue 7-1/2	9N	96.7		1. Methacrylate deck treatment	12,486	303	41	10	\$ 91,002.41	\$ 72,801.92	\$ 18,200.48	\$ 604,000	\$ 483,200	\$ 120,800
16	2	Madera County	Madera County	41C0066	13	Road 15	Chowchilla River	At Merced County Line	9M53	84.4		1. Methacrylate deck treatment	3,369	92	36	3	\$ 145,502.44	\$ 116,401.95	\$ 29,100.49	\$ 749,503	\$ 599,602	\$ 149,901
11	5	Madera County	Madera County	41C0070	5	Mallum Ridge Road (Road 274)	North Fork Willow Creek	0.7 mi. E of Road 222	10M25	80.4		1. Remove and patch unsound concrete on deck 2. Polyester Concrete Overlay 3. Replace Joints	3,455	115	26	3	\$ 130,490.19	\$ 104,392.15	\$ 26,098.04	\$ 879,993	\$ 703,994	\$ 175,999
5	1	Madera County	Madera County	41C0079	5	Road 145 (Millerton Road)	Cottonwood Creek	0.3 mi. N of Friant Road	10N	67.5		1. Remove remaining AC from deck 2. Methacrylate deck treatment	3,746	122	30	4	\$ 34,246.36	\$ 27,397.08	\$ 6,849.27	\$ 914,239	\$ 731,392	\$ 182,848
35	1	Madera County	Madera County	41C0082	5	Road 208 (Bellview Road)	Cottonwood Creek	1.4 mi. W of Road 211	10N	99.9		1. Methacrylate deck treatment	1,819	58	31	2	\$ 25,579.13	\$ 20,463.30	\$ 5,115.83	\$ 939,819	\$ 751,855	\$ 187,964
36	2	Madera County	Madera County	41C0083	13	Road 19	Berenda Slough	0.2 mi. S of Avenue 26	9M53	100.0		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	12,088	363	32	12	\$ 122,277.80	\$ 97,822.24	\$ 24,455.56	\$ 1,062,096	\$ 849,677	\$ 212,419
17	2	Madera County	Madera County	41C0086	13	Avenue 14	Chowchilla Canal Bypass	1.7 mi. E of Road 9	9N	84.5		1. Remove remaining AC from deck 2. Clean the bridge deck 3. Methacrylate deck treatment	9,817	321	30	11	\$ 84,284.46	\$ 67,427.57	\$ 16,856.89	\$ 1,146,381	\$ 917,105	\$ 229,276
17	2	Madera County	Madera County	41C0087	13	Road 9	Eastside Bypass Canal	1.5 mi. N of Avenue 14	9N	84.5		1. Remove remaining AC from deck 2. Remove and patch unsound concrete on deck 3. Methacrylate deck treatment	8,751	288	30	10	\$ 75,323.02	\$ 60,258.41	\$ 15,064.60	\$ 1,221,704	\$ 977,363	\$ 244,341
14	2	Madera County	Madera County	41C0090	13	Road 4	Eastside Bypass Canal	1.2 mi. N of Avenue 18.5	9N	84.1		1. Methacrylate deck treatment	14,305	470	30	20	\$ 124,212.72	\$ 99,370.18	\$ 24,842.54	\$ 1,345,917	\$ 1,076,733	\$ 269,183
4	2	Madera County	Madera County	41C0093	13	Avenue 17	Dry Creek	0.25 mi. W of Road 20	9N24	66.9	SD	1. Methacrylate deck treatment	1,959	60	32	2	\$ 23,810.68	\$ 19,048.54	\$ 4,762.14	\$ 1,369,727	\$ 1,095,782	\$ 273,945
8	2	Madera County	Madera County	41C0100	13	Road 9	Ash Slough	0.15 mi. N of Avenue 22-1/2	9N	77.8		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	9,235	302	30	10	\$ 79,921.95	\$ 63,937.56	\$ 15,984.39	\$ 1,449,649	\$ 1,159,719	\$ 289,930
23	2	Madera County	Madera County	41C0102	13	Avenue 21	Ash Slough	0.15 mi. E of Road 7	9N	88.0		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	8,353	300	30	9	\$ 62,269.68	\$ 49,815.75	\$ 12,453.94	\$ 1,511,919	\$ 1,209,535	\$ 302,384
12	2	Madera County	Madera County	41C0104	13	Road 14	Berenda Slough	0.3 mi. S of Avenue 21	9N13	81.4		1. Remove and patch unsound concrete on deck 2. Polyester Concrete Overlay	5,586	182	30	6	\$ 198,882.06	\$ 159,105.65	\$ 39,776.41	\$ 1,710,801	\$ 1,368,641	\$ 342,160
6	1	Madera County	Madera County	41C0110	13	Road 25	Cottonwood Creek	0.1 mi. N of Avenue 10	9N35	74.2		1. Methacrylate deck treatment	2,669	87	30	3	\$ 28,141.75	\$ 22,513.40	\$ 5,628.35	\$ 1,738,943	\$ 1,391,154	\$ 347,789
26	5	Madera County	Madera County	41C0125	5	Road 434 (Beasore Drive)	Chilkoot Creek	3.7 mi. N of Malum Ridge Road	10M35	95.2		1. Methacrylate deck treatment	5,274	159	30	3	\$ 51,690.42	\$ 41,352.33	\$ 10,338.08	\$ 1,790,633	\$ 1,432,506	\$ 358,127

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3	1	Madera County	Madera County	41C0136	13	Road 29	M.I.D. Canal	0.25 mi. S of Avenue 15	9N25	62.3	SD	1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	1,841	60	30	2	\$ 19,483.81	\$ 15,587.05	\$ 3,896.76	\$ 1,810,117	\$ 1,448,093	\$ 362,023
19	1	Madera County	Madera County	41C0156	5	Road 39-1/2	Little Dry Creek	0.45 mi. S of Avenue 15	10N22	84.9		1. Methacrylate deck treatment	1,776	58	30	2	\$ 24,591.33	\$ 19,673.06	\$ 4,918.27	\$ 1,834,708	\$ 1,467,767	\$ 366,942
15	1	Madera County	Madera County	41C0157	13	Avenue 15	Cottonwood Creek	3 mi. W of Road 35	10N21	84.3		1. Methacrylate deck treatment	1,798	59	30	2	\$ 23,062.65	\$ 18,450.12	\$ 4,612.53	\$ 1,857,771	\$ 1,486,217	\$ 371,554
10	1	Madera County	Madera County	41C0166	5	Road 39-1/2	North Fork Little Dry Creek	2.9 mi. N of Avenue 12	10N22	79.5		1. Methacrylate deck treatment	1,808	59	30	2	\$ 24,805.97	\$ 19,844.78	\$ 4,961.19	\$ 1,882,577	\$ 1,506,061	\$ 376,515
2	1	Madera County	Madera County	41C0168	5	Road 28-1/2	Dry Creek	0.9 mi. N of Avenue 21	9N15	59.4	SD	1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	980	34	28		\$ 26,260.77	\$ 21,008.62	\$ 5,252.15	\$ 1,908,838	\$ 1,527,070	\$ 381,768
25	1	Madera County	Madera County	41C0170	13	Island Drive	Fresno River	0.3 mi. NW of River Road	9N25	89.7		1. Remove and patch unsound concrete on deck 2. Methacrylate deck treatment	4,370	142	30	5	\$ 38,941.84	\$ 31,153.47	\$ 7,788.37	\$ 1,947,779	\$ 1,558,224	\$ 389,556
31	2	Madera County	Madera County	41C0178	13	Road 21	Dry Creek	North of Avenue 17	9N24	97.0		1. Methacrylate deck treatment	1,763	59	30	2	\$ 22,228.51	\$ 17,782.81	\$ 4,445.70	\$ 1,970,008	\$ 1,576,006	\$ 394,002
19	5	Madera County	Madera County	41C0182	5	Road 416	Coarse Gold Creek	0.6 mi. W of State Rte. 41	10M43	84.9		1. Polyester Concrete Overlay	1,808	59	30	2	\$ 23,110.97	\$ 18,488.78	\$ 4,622.19	\$ 1,993,119	\$ 1,594,495	\$ 398,624
29	2	Madera County	Madera County	41C0184	5	Avenue 26	Berenda Slough	0.5 mi. E of Road 19	9M54	96.9		1. Methacrylate deck treatment	9,397	256	36	2	\$ 315,354.69	\$ 252,283.75	\$ 63,070.94	\$ 2,308,474	\$ 1,846,779	\$ 461,695
13	5	Madera County	Madera County	41C0186	5	Road 603	Fresno River	0.1 mi. E of Road 407	10M	83.3		1. Methacrylate deck treatment	6,361	208	30	2	\$ 55,783.34	\$ 44,634.67	\$ 11,158.67	\$ 2,364,267	\$ 1,891,414	\$ 472,853
1	1,2,5	Madera County	Madera County	County Wide	5,13	Varies	Varies	Varies	Varies	0.0	Varies	Complete BPMP Project List	195,619	5,937	1,131	168	\$ 942,300.00	\$ 753,840.00	\$ 188,460.00	\$ 3,306,567	\$ 2,645,254	\$ 661,313

NOTES The previous BPMP project list for FY17/18 has been updated for FY 23/24. The County's bridge inventory was scanned and the list was updated to include any new bridges with eligible BPMP treatments and to remove any bridges from the previous list that no longer needed treatment or are being pursued as Rehab/Replacement projects or as standalone PM projects. Caltrans Construction Cost Data was used to update the project estimate to current construction costs. Sufficiency Ratings and structural deficiency designations were updated.

Bridges Added:

Bridges Removed:
41C-0036-County has decided to pursue this as a standalone BPMP or a Rehab/Replacement Project, 41C-0089-Bridge was damaged during 2023 Storms County is pursuing this bridge as a Rehab/Replace Project, 41C-0171-Road was recently overlayed to seal cracks no work recommendations, 41C0091 was removed to become a standalone PM project.

Corrections:
Bridge 41-0056 was incorrectly listed in the FY17/18 List it should have been 41C-0058

	Total	Fed	Local
Total Construction	\$ 2,364,266.93	\$ 1,891,413.54	\$ 472,853.39
Total Contingency 10%	\$ 236,426.69	\$ 189,141.35	\$ 47,285.34
Total CE 10%	\$ 236,426.69	\$ 189,141.35	\$ 47,285.34
Total CON	\$ 2,837,120.31	\$ 2,269,696.25	\$ 567,424.06
Total PE	\$ 942,300.00	\$ 753,840.00	\$ 188,460.00