

Modoc County
Federal Bridge Preventive Maintenance Program 2019-2020 - PM00134

Priority (Lowest Number is Highest Priority)	Road System	Implementing Agency	Bridge number from Inspection Report	Local Agency Bridge ID	Year Built	Facility Carried	Feature Intersection	Location (MP)	Sufficiency Rating	SD/FO	Work Description	Deck (sq. ft.)	Total Award Particip. Cost (except hilted)	Unit Cost (\$ / sq. ft.)	Federal Share	Running Fed Summary	Local Share	Running Local Share		
1	On	Modoc	03C0023	N/A	1958	CR 54/CENTERVILLE RD	Canyon Creek	9.125	87.9		Install erosion repair; WP membrane and AC overlay; repair deck	2,378	\$ 165,009	69.39	\$ 146,083	\$ 146,083	\$ 18,927	\$ 18,927		
2	On	Modoc	03C0024	N/A	1958	CENTERVILLE RD	Canyon Creek Overflow	9.427	90.5		WP membrane and AC overlay; repair deck	649	\$ 70,718	108.96	\$ 62,607	\$ 208,689	\$ 8,111	\$ 27,038		
3	On	Modoc	03C0017	N/A	1958	CENTERVILLE RD	Middle Branch Pit River	0.437	87.7		Install erosion repair; repair deck	2,377	\$ 128,471	54.05	\$ 113,736	\$ 322,425	\$ 14,736	\$ 41,774		
4	On	Modoc	03C0018	N/A	1958	CENTERVILLE RD	South Branch Pit River	0.584	87.7		Install erosion repair; repair deck	2,365	\$ 139,079	58.81	\$ 123,127	\$ 445,552	\$ 15,952	\$ 57,726		
5	Off	Modoc	03C0116	N/A	1957	BLUE LAKE ROAD (CR258)	South Fork Pit River	0.046	90.2		WP membrane and AC overlay; repair timber lagging and curbs	5,127	\$ 199,249	38.86	\$ 176,395	\$ 621,947	\$ 22,854	\$ 80,580		
6	On	Modoc	03C0065	N/A	1954	IRR CR 111	No 46 Drain	0.743	93.1		Install erosion repair; repair deck	1,875	\$ 271,640	144.87	\$ 240,483	\$ 862,430	\$ 31,157	\$ 111,737		
7	Off	Modoc	03C0067	N/A	1954	CR 111	45 D Drain	1.21	95.5		WP membrane and AC overlay; repair deck	1,275	\$ 70,718	55.47	\$ 62,607	\$ 925,036	\$ 8,111	\$ 119,848		
8	Off	Modoc	03C0066	N/A	1954	CR111	J 14 B Canal	1.195	86.1		WP membrane and AC overlay; repair deck	675	\$ 61,289	90.80	\$ 54,259	\$ 979,296	\$ 7,030	\$ 126,878		
9	Off	Modoc	03C0068	N/A	1954	CR111	J 14 A Canal	2.659	87.1		WP membrane and AC overlay; repair deck	675	\$ 71,897	106.51	\$ 63,650	\$ 1,042,946	\$ 8,247	\$ 135,125		
10	On	Modoc	03C0064	N/A	1954	CR 111	J Canal	2.758	96.9		Repair bridge deck	720	\$ 9,429	13.10	\$ 8,348	\$ 1,051,294	\$ 1,082	\$ 136,206		
11	On	Modoc	03C0070	N/A	1955	IRR CR 87	Pit River Slough	10.733	94.5		Install erosion repair	1,511	\$ 136,722	90.48	\$ 121,040	\$ 1,172,333	\$ 15,682	\$ 151,888		
Spreadsheet updated 10-03-19 jblinc / GHD, Inc. revised 10-4-19 rsomers / CT D2 LA												Construction Total >>>		Totals	\$ 1,324,222		\$ 1,172,333		\$ 151,888	
												(Conting spent to 10/3/19 on 10 bridges >>>)			\$ 70,000					
												Con Total + \$70k + 10% conting 03C0116			\$ 1,414,146		Total Fed Constr \$	\$ 1,251,944		
												Total Construction Engineering cost - CE		22.3%	\$ 315,033		Total Fed CE \$	\$ 278,899		
												Total Preliminary Engineering cost - PE		17.7%	\$ 251,000		Total Fed PE \$	\$ 222,210		
												Total estimated cost at end of project >			\$ 1,980,179		Total Fed \$	\$ 1,753,053	Tot Local \$	\$ 227,127
																	check >	\$ 1,753,053		
ED AND DROPPED BRIDGES																				
	Project Number																			
N/A	N/A	Modoc	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	0	\$ -	0	\$ -	\$ -	N/A	N/A		

All Bridges qualify for BPM funds as per the PM Program Goals, Guidelines and specific Preventative Maintenance activities listed within as follows:

Bridges *3C-23, *3C-24, 3C-116, 3C-67, *3C-66, *3C-68	4 "Deck AC replacement/new installation: AC may be placed on bridge decks for ride-ability, however, a waterproofing system must protect the bridge deck from constant exposure to moisture."
Bridge 3C-64	6 Repair, restoration, and strengthening of major structural elements such as beams, piers, and end caps. Bridge strengthening is to reduce or eliminate the need for posting, mitigate further fatigue damage, increase fatigue life, and/or to replace or strengthen main load carrying members.
Bridge 3C-116	7 "Timber structural elements, timber railings, timber deck runners, excluding timber piles, may be repaired, supplemented, or replaced. Full deck replacement is generally not eligible as a preventive maintenance activity."
Bridges 3C-17, 3C-18, *3C-23, *3C-65, *3C-70 Erosion repair	14 Approach Slab rehabilitation/replacement and new installations. This work must be justified in the local agency's project file based on excessive maintenance repair history for specific bridges only.

*Cost per Square foot is higher than \$50 due to small bridge size and/or higher cost work scope