

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2011/2012 - Total Estimated Funding Required \$1,007,500.00													
Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft <sup>2</sup> )	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft <sup>2</sup> )
1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE LIST				25,000.00	
2	42C0179	10-086	ALTA AVENUE	0.30 MI. N/O SOUTH	88.8		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	880	\$10,000	\$25,000	\$35,000	39.77
3	42C0097	03-029	EL DORADO AVENUE	2.00 MI. N/O JAYNE	96.7		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	5054	\$10,000	\$25,000	\$35,000	6.92
4	42C0104	05-102	EXCELSIOR AVENUE	0.10 MI. W/O GRANTLAND	96.9		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	3411	\$10,000	\$25,000	\$35,000	10.26
5	42C0361	05-064	FATIMA AVENUE	0.05 MI. N/O RIVERDALE	85.0		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1215	\$10,000	\$25,000	\$35,000	28.80
6	42C0567	08-033	FOWLER AVENUE	AT MC KINLEY ALIGNMENT	94.9		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1755	\$10,000	\$25,000	\$35,000	19.94
7	42C0316	05-092	LAGUNA AVENUE	0.20 MI. W/O MAPLE	97.0		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	768	\$10,000	\$25,000	\$35,000	45.57
8	42C0445	09-075	LINCOLN AVENUE	0.50 MI. E/O LEONARD	95.2		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1428	\$10,000	\$25,000	\$35,000	24.51
9	42C0459	03-018	LOS GATOS ROAD	11.40 MI. W/O DERRICK	85.3		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1456	\$10,000	\$25,000	\$35,000	24.04
10	42C0455	03-022	LOS GATOS ROAD	5.60 MI. W/O DERRICK	85.3		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1484	\$10,000	\$25,000	\$35,000	23.58
11	42C0348	09-050	QUALITY AVENUE	S/O SWITCH	83.1		13	INSTALL SCOUR COUNTERMEASURES TO EXISTING	1561	\$10,000	\$25,000	\$35,000	22.42
12	42C0287	10-058	ANCHOR AVENUE	0.60 MI. N/O LINCOLN	85.8		1	PERFORM PM TO JOINT SEAL REPAIR	3600	\$7,500	\$30,000	\$37,500	10.42
13	42C0349	10-023	ANNADALE AVENUE	E/O RIVERBEND	82.2		1	PERFORM PM TO JOINT SEAL REPAIR	9920	\$7,500	\$30,000	\$37,500	3.78
14	42C0370	02-018	CLARKSON AVENUE	2.00 MI. E/O SSR 33	96.3		1	PERFORM PM TO JOINT SEAL REPAIR	9283	\$7,500	\$30,000	\$37,500	4.04
15	42C0286	10-025	EDGAR AVENUE	0.45 MI. E/O NAVELENCIA AVE	97.0		1	PERFORM PM TO JOINT SEAL REPAIR	3,000	\$7,500	\$30,000	\$37,500	12.50
16	42C0371	03-004	EL DORADO AVENUE	1.40 MI. S/O SSR 145	95.6		1	PERFORM PM TO JOINT SEAL REPAIR	8302	\$7,500	\$30,000	\$37,500	4.52
17	42C0156	03-032	JAYNE AVENUE	2.50 MI. E/O SSR 269	82.0		1	PERFORM PM TO JOINT SEAL REPAIR	6080	\$7,500	\$30,000	\$37,500	6.17
18	42C0285	10-019	JENSEN AVENUE	0.05 MI. E/O NAVELENCIA	96.1		1	PERFORM PM TO JOINT SEAL REPAIR	2,880	\$7,500	\$30,000	\$37,500	13.02
19	42C0173	02-006	MANNING AVENUE	E/O DOUGLAS	86.1		1	PERFORM PM TO JOINT SEAL REPAIR	6748	\$7,500	\$30,000	\$37,500	5.56
20	42C0159	03-001	MT WHITNEY AVENUE	10.60 MI. W/O SSR 269	81.1		1	PERFORM PM TO JOINT SEAL REPAIR	6524	\$7,500	\$30,000	\$37,500	5.75
21	42C0057	05-076	MT WHITNEY AVENUE	0.80 MI. E/O DICKENSON	96.9		1	PERFORM PM TO JOINT SEAL REPAIR	15,372	\$7,500	\$30,000	\$37,500	2.44
22	42C0143	01-028	NEES AVENUE	1.00 MI. E/O I-5	81.2		1	PERFORM PM TO JOINT SEAL REPAIR	7252	\$7,500	\$30,000	\$37,500	5.17
23	42C0245	02-020	PANOCHÉ ROAD	2.00 MI. E/O FAIRFAX	81.8		1	PERFORM PM TO JOINT SEAL REPAIR	6244	\$7,500	\$30,000	\$37,500	6.01
24	42C0140	01-057	SHIELDS AVENUE	1.00 MI. W/O RUSSELL	90.0		1	PERFORM PM TO JOINT SEAL REPAIR	7168	\$7,500	\$30,000	\$37,500	5.23
25	42C0281	01-040	SIERRA AVENUE	0.33 MI. N/E SSR 33	86.0		1	PERFORM PM TO JOINT SEAL REPAIR	4186	\$7,500	\$30,000	\$37,500	8.96
26	42C0481	09-001	TRIMMER SPRINGS RD	3.00 MI. E/O MAXSON	93.3		1	PERFORM PM TO JOINT SEAL REPAIR	7756	\$7,500	\$30,000	\$37,500	4.83
27	42C0481	09-001	TRIMMER SPRINGS RD	3.00 MI. E/O MAXSON	93.3		19	REPLACE DETERIORATED BRIDGE POSTS	7,756	\$10,000	\$25,000	\$35,000	4.51
28	42C0143	01-028	NEES AVENUE	1.00 MI. E/O I-5	81.2		6	REPLACE GIRDER BEARINGS	7252	\$10,000	\$25,000	\$35,000	4.83
										\$232,500	750,000.00	<b>\$1,007,500</b>	

THE FOLLOWING ARE SPECIFIC WORK ITEMS ELIGIBLE FOR HBP REIMBURSEMENT UNDER PREVENTATIVE MAINTENANCE:

**WORK CODES:**

- 1 EXPANSION JOINT SEAL AND ASSEMBLY REPLACEMENT
- 2 METHACRYALTE DECK TREATMENT
- 3 POLYESTER CONCRETE OVERLAY OR SIMILAR PROTECTIVE DECK OVERLAYS
- 4 DECK AC REPLACEMENT/NEW INSTALLATION
- 5 RESTORE/REPLACE EXISTING BEARINGS OR BEARING SUPPORTS
- 6 REPAIR/RESTORE/STRENGTHEN OF BEAMS, PIERS, AND END CAPS TO REDUCE THE NEED FOR BRIDGE WEIGHT LIMIT POSTING, MITIGATE FURTHER FATIGUE DAMAGE.
- 7 REPAIR/SUPPLEMENT/REPLACE TIMBER STRUCTURAL ELEMENTS SUCH AS TIMBER DECKING AND STRINGERS.
- 8 REPAIR/REPLACE OF MOVABLE BRIDGE MECHANICAL/ELECTRICAL COMPONENTS
- 9 RETROFIT REPAIRS TO FATIGUE PRONE DETAILS OF STEEL GIRDERS
- 10 SPOT PAINTING OF STRUCTURAL STEEL ELEMENTS WHERE THE PAINT CONDITION INDEX (PCI) IS GREATER THAN 65
- 11 REHABILITATION/NEW INSTALLATION OF DECK DRAINAGE ELEMENTS
- 12 REPLACEMENT OF DETERIORATED BRIDGE RAILINGS DUE TO ENVIRONMENTAL CONDITIONS
- 13 EMBANKMENT EROSION CONTROL AND REPAIR OF EXISTING SCOUR COUNTERMEASURES TO PROTECT THE STRUCTURAL INTEGRITY OF THE BRIDGE.
- 14 APPROACH SLAB REHABILITATION/REPLACEMENT AND NEW INSTALLATION BASED ENTENSIVE MAINTENANCE HISTORY
- 15 ALKALI-SILICA-REACTIVE AGGREGATE MITIGATION
- 16 CORROSION MANAGEMENT SYSTEMS
- 17 FRACTURE CRITICAL ELEMENT REPLACEMENT/REHABILITATION
- 18 DEVELOPMENT OF BRIDGE PREVENTATIVE MAINTENANCE PLANS (BPMP)
- 19 OTHER CASE BY CASE BASIS TYPE OF WORKS THAT MEET PREVENTATIVE MAINTENANCE OBJECTIVES; NEED TO CONTACT DLAE FOR ASISSTANCE.

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2012/2013 - Total Estimated Funding Required \$1,003,500.00																
Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft <sup>2</sup> )	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft <sup>2</sup> )			
1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP				25,000.00				
2	296	01-001	ISLAND AVENUE	TEMPLE SANTA RITA CANAL	96.2		19	BUILD DIRT SHOULDERS -N	2286	2,500.00	10,000.00	12,500.00	5.47			
3	394	01-005	BRYANT AVENUE	DOS PALOS CANAL	58.5		19	CLEAN OUT SEAL % CRACKS ON APPR RD AC AND ABUTMENT- E	2995.68	2,000.00	15,000.00	17,000.00	5.67			
4	394	01-005	BRYANT AVENUE	DOS PALOS CANAL	58.5		12	REPLACE RAIL TERMINAL- N	2995.68	2,000.00	5,000.00	7,000.00	2.34			
5	394	01-005	BRYANT AVENUE	DOS PALOS CANAL	58.5		19	SUPPORT END RAIL POST -E	2995.68	1,000.00	10,000.00	11,000.00	3.67			
6	506	01-010	EVANS AVENUE	DOS PALOS CANAL	82.9		19	RAISE GRADE OF OF APPROACH RDWAY TO ABUTMENTS TO DECK GRADE -E	959.4	5,000.00	35,000.00	40,000.00	41.69			
7	92	01-013	BRANNON AVENUE	LAGUNA CANAL	73.7		19	REMOVE SAND AND DIRT ON DECK' SHOULDERS-E	891	1,000.00	5,000.00	6,000.00	6.73			
8	92	01-013	BRANNON AVENUE	LAGUNA CANAL	73.7		19	REMOVE UNSOUND CONCRET- CLEAN EXPOSED REBARS -E	891	2,000.00	15,000.00	17,000.00	19.08			
9	92	01-013	BRANNON AVENUE	LAGUNA CANAL	73.7		19	REPAIR WING WALLS -E	891	2,500.00	60,000.00	62,500.00	70.15			
10	395	01-014	MERRILL AVENUE	DOS PALOS CANAL	95.8		7	REPAIR DECK- PATCH SPALL - E	1506.76	2,500.00	15,000.00	17,500.00	11.61			
11	395	01-014	MERRILL AVENUE	DOS PALOS CANAL	95.8		7	REPAIR DECK- REMOVE UNSOUND CONCRETE - CLEAN EXPOSED REBARS- E	1506.76	2,500.00	15,000.00	17,500.00	11.61			
12	396	01-015	HUDSON AVENUE	DOS PALOS CANAL	95.4		7	REPAIR DECK- PATCH SPALL - E	1890.4	2,500.00	15,000.00	17,500.00	9.26			
13	47	01-017	RUSSELL AVENUE	MAIN OUTSIDE CANAL	75.6		7	REPAIR DECK- REMOVE UNSOUND CONCRETE - CLEAN EXPOSED REBARS- E	2584.4	2,500.00	15,000.00	17,500.00	6.77			
14	150	01-018	FAIRFAX AVENUE	MAIN CANAL	95.3		7	REPAIR DECK- PATCH SPALL - E	1428	2,500.00	15,000.00	17,500.00	12.25			
15	280	01-020	ALTHEA AVENUE	DELTA MENDOTA CANAL	88.1		7	REPAIR DECK- REMOVE UNSOUND CONCRETE - CLEAN EXPOSED REBARS- E	2886	2,500.00	15,000.00	17,500.00	6.06			
16	142	01-021	RUSSELL AVENUE	DELTA MENDOTA CANAL	84.3		19	REMOVE UNSOUND CONCRET- CLEAN EXPOSED REBARS -E	2828	2,500.00	15,000.00	17,500.00	6.19			
17	142	01-021	RUSSELL AVENUE	DELTA MENDOTA CANAL	84.3		19	CHIP CONCRETE FROM AROUND REBAR FOR MIN CLEARANCE- E	2828	2,500.00	15,000.00	17,500.00	6.19			
18	142	01-021	RUSSELL AVENUE	DELTA MENDOTA CANAL	84.3		16	CLEAN STEEL BARS -REMOVE CORROSION-E	2828	2,000.00	10,000.00	12,000.00	4.24			
19	142	01-021	RUSSELL AVENUE	DELTA MENDOTA CANAL	84.3		19	REPAIR APPROACH RD WAY- E	2828	2,500.00	25,000.00	27,500.00	9.72			
20	148	01-022	FAIRFAX AVENUE	MAIN OUTSIDE CANAL	86.2		19	REPAIR AC NEAR APPROACH SLAB ABUTMENT 1 AND 4-E	2436	2,500.00	50,000.00	52,500.00	21.55			
21	148	01-022	FAIRFAX AVENUE	MAIN OUTSIDE CANAL	86.2		2	SEAL CRACKS IN DECK WITH METHACRYLATE- E	2436	2,500.00	55,000.00	57,500.00	23.60			
22	507	01-026	JERROLD AVENUE	SECOND LIFT CANAL	69.5		19	BUILD UP DIRT AT PAVING NOTCH -E	491.4	1,000.00	15,000.00	16,000.00	32.56			
23	507	01-026	JERROLD AVENUE	SECOND LIFT CANAL	69.5		19	REPAIR BRIDGE RAIL BOTH SIDES OF STRUCTURE	491.4	1,000.00	15,000.00	16,000.00	32.56			
24	144	01-029	NEES AVENUE	THIRD LIFT CANAL	85.2		1	EXPANSION JOINT PIER 2 AND ASSEMBLY REPLACEMENT -E	1000	2,500.00	45,000.00	47,500.00	47.50			
25	15	01-031	NEES AVENUE	OUTSIDE CANAL	89.6		19	REPAIR APPROACH RDWAY AC -CLEAN UP AND SEAL CRACKS IN AC COVERING PAVING NOTCH OF BOT ABUTMENTS -E	4280	2,500.00	50,000.00	52,500.00	12.27			
26	508	01-034	JERROLD AVENUE	THIRD LIFT CANAL	65.3		7	REPLACE THE RIGHT HALF OF THE TIMEBER CAP AT ABUTMENT 2- N	549.6	1,500.00	10,000.00	11,500.00	20.92			
27	508	01-034	JERROLD AVENUE	THIRD LIFT CANAL	65.3		19	CLEAN OUT AND SEAL CRACKS IN THE AC DECK SURFACE -E	549.6	1,000.00	5,500.00	6,500.00	11.83			
28	509	01-035	HERNDON AVENUE	THIRD LIFT CANAL	71.1		7	REPLACE WING WALL TIMBER LEFT SIDE ABUTMENT 2- N	533.6	2,000.00	10,000.00	12,000.00	22.49			
29	509	01-035	HERNDON AVENUE	THIRD LIFT CANAL	71.1		6	RESTORE- STRENGTHEN END OF TIMBER CAPS	533.6	2,500.00	10,000.00	12,500.00	23.43			
30	509	01-035	HERNDON AVENUE	THIRD LIFT CANAL	71.1		19	REPLACE MARKER ON LEFT SIDE ABUTMENT 2 _MUST RUN UPWARDS-E	533.6	500.00	5,000.00	5,500.00	10.31			
31	297	01-042	SIERRA AVENUE	MAIN CANAL	91.1		19	REPAVE APPROACH RDWAY AT ABUTMENT 5 - REPAIR BOTH APPROACHES -E	2884	2,500.00	50,000.00	52,500.00	18.20			

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32	137	01-051	LITTLE PANOCHÉ ROAD	LITTLE PANOCHÉ CREEK	99.4		19	CLEAN OUT AND SEAL CRACKS IN THE AC AT THE ABUTMENTS -E	812	1,500.00	15,000.00	16,500.00	20.32			
33	137	01-051	LITTLE PANOCHÉ ROAD	LITTLE PANOCHÉ CREEK	99.4		13		812	5,000.00	15,000.00	20,000.00	24.63			
34	138	01-053	LITTLE PANOCHÉ ROAD	LITTLE PANOCHÉ CREEK	63.9		13	REPAIR OF EXISTING SCOUR COUNTER MEASURES- SCOUR CRITICAL	1118.4	5,000.00	15,000.00	20,000.00	17.88			
35	140	01-057	SHIELDS AVENUE	CALIFORNIA AQUEDUCT	90		1	PERFORM PM TO JOINT SEALS	7168	2,500.00	25,000.00	27,500.00	3.84			
36	399	01-060	BASS AVENUE	DELTA MENDOTA CANAL	71.1		19	REPAIR -SEAL CRACKS ON APPROACH RDWAY TO BOTH ABUTMENTS-E	1570.4	2,500.00	10,000.00	12,500.00	7.96			
37	399	01-060	BASS AVENUE	DELTA MENDOTA CANAL	71.1		16	CLEAN METAL SIDEWALK -REMOVE CORROSION-E	1570.4	2,500.00	20,000.00	22,500.00	14.33			
38	146	01-066	FAIRFAX AVENUE	CALIFORNIA AQUEDUCT	97.8		16	REMOVAL OF ABRASION FROM THE BARRELS- INSPECTION OF BOTH ENDS OF THE SIPHON-E	2360	1,500.00	15,000.00	16,500.00	6.99			
39	145	01-067	FAIRFAX AVENUE	PANOCHÉ CREEK	83.9		19	REPAIR DAMAGED BRIDGE RAILING- E	1428	2,500.00	15,000.00	17,500.00	12.25			
40	23	02-002	JAMES ROAD	FRESNO SLOUGH BYPASS	95.5		19	(E) Repair Concrete Spalls	5652	2,500.00	15,000.00	17,500.00	3.10			
41	483	02-004	PLACER AVENUE	FRESNO SLOUGH BYPASS	96.5		19	(E) Remove Silt Drifts	8262	1,000.00	15,000.00	16,000.00	1.94			
42	65	02-008	MANNING AVENUE	JAMES CANAL	91.5		19	(E) Repair Concrete Spalls	2664	2,500.00	15,000.00	17,500.00	6.57			
43	67	02-009	MANNING AVENUE	FRESNO SLOUGH BYPASS	63.2		19	(E) Repair Concrete Spalls	6624	2,500.00	15,000.00	17,500.00	2.64			
44	279	02-011	PANOCHÉ ROAD	SILVER CREEK	57.7		19	(E) Repair Overstressed Retaining Wall	587.76	15,000.00	30,000.00	45,000.00	76.56			
45	512	02-012	FLORAL AVENUE	FRESNO SLOUGH BYPASS	65.3		19	Strengthen Outside Stringer	1618.8	2,000.00	15,000.00	17,000.00	10.50			
										113,000.00	865,500.00	<b>1,003,500.00</b>				

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- 4 DECK AC REPLACEMENT/NEW INSTALLATION
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Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft <sup>2</sup> )	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft <sup>2</sup> )	
1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE				\$25,000		
2	158	03-002	COALINGA-MENDOTA RD	CANTUA CREEK	96.9		19	Repair four-inch spall at span 1, left west edge	3200	\$2,500	\$15,000	\$17,500	5.47	
2	158	03-002	COALINGA-MENDOTA RD	CANTUA CREEK	96.9		19	Severe crack at AC at both abutment notch	3200	\$1,000	\$15,000	\$16,000	5.00	
2	616	03-006	LOS GATOS ROAD	LOS GATOS CREEK	91.3		1	Rrepair joint seal at paving notch of both abutments	118.00	\$2,500	\$25,000	\$27,500	233.05	
2	272	03-007	LOS GATOS ROAD	LOS GATOS CREEK	90.3		13	Backfill scour hole and place rock slope protection	1632.4	\$1,000	\$15,000	\$16,000	9.80	
2	272	03-007	LOS GATOS ROAD	LOS GATOS CREEK	90.3		19	(E)clean and seal the gap at paving notch of abutments	1632.4	\$500	\$15,000	\$15,500	9.50	
2	469	03-008	LOS GATOS ROAD	LOS GATOS CREEK	38.1		19	(E) repair soffit spall (exposed corroded reinforcement)	838.5	\$1,500	\$15,000	\$16,500	19.68	
2	469	03-008	LOS GATOS ROAD	LOS GATOS CREEK	38.1		19	(N) replace existing rubble masonry abutments	838.5	\$1,000	\$15,000	\$16,000	19.08	
2	635	03-009	LOS GATOS ROAD	LOS GATOS CREEK	91.3		1	(E) repair joint seal at expansion joint and rubber gasket	629.3	\$2,500	\$15,000	\$17,500	27.81	
2	467	03-010	LOS GATOS ROAD	LOS GATOS CREEK	39.9		13	(E) backfill top of both abutment footings	672	\$500	\$15,000	\$15,500	23.07	
2	467	03-010	LOS GATOS ROAD	LOS GATOS CREEK	39.9		19	(E) repair separated southside wingwall	672	\$2,500		\$2,500	3.72	
2	467	03-010	LOS GATOS ROAD	LOS GATOS CREEK	39.9		19	(E) repair soffit spall (exposed corroded reinforcement)	672	\$1,000	\$15,000	\$16,000	23.81	
2	466	03-011	LOS GATOS ROAD	LOS GATOS CREEK	39.9		13	(E) backfill top of southeast of abutment 2	649.6	\$0	\$0	\$0	0.00	
2	466	03-011	LOS GATOS ROAD	LOS GATOS CREEK	39.9		17	(E) replace three failed wingwalls	649.6	\$5,000	\$75,000	\$80,000	123.15	
2	465	03-012	LOS GATOS ROAD	LOS GATOS CREEK	91.3			Inspected Decenber 2007 No major issues in the report	1512	\$0	\$0	\$0	0.00	
2	464	03-013	LOS GATOS ROAD	LOS GATOS CREEK	56.2		13	(E) SCOUR COUNTERMASURES NEEDED ASAP	1243.2	\$5,000	\$25,000	\$30,000	24.13	
2	463	03-014	LOS GATOS ROAD	LOS GATOS CREEK	70.3		19	(N) replace existing rubble abutments	100	\$1,500	\$15,000	\$16,500	165.00	
2	463	03-014	LOS GATOS ROAD	LOS GATOS CREEK	70.3		19	(E) clean and seal cracks in the approach AC roadway	100	\$1,000	\$15,000	\$16,000	160.00	
2	617	03-016	LOS GATOS ROAD	LOS GATOS CREEK	91.3		13	(E) provide appropriate scour countermeasures	140	\$2,500	\$25,000	\$27,500	196.43	
2	617	03-016	LOS GATOS ROAD	LOS GATOS CREEK	91.3		19	(E) clean and seal the gap at paving notch of abutments	140	\$1,000	\$20,000	\$21,000	150.00	
2	617	03-016	LOS GATOS ROAD	LOS GATOS CREEK	91.3		19	(E) repair deteriorated guardrailing timber posts	140	\$500	\$15,000	\$15,500	110.71	
2	460	03-017	LOS GATOS ROAD	LOS GATOS CREEK	88.3		19	(E) repairedeterioarated bridge rail post (right souththerly)	1456	\$500	\$15,000	\$15,500	10.65	
2	459	03-018	LOS GATOS ROAD	LOS GATOS CREEK	85.3		13	(E) backfill slope paving area at A1 & provide protection	140	\$2,000	\$15,000	\$17,000	121.43	
2	459	03-018	LOS GATOS ROAD	LOS GATOS CREEK	85.3		19	(E)clean and seal the crack in AC cover of paving notch	140	\$1,000	\$15,000	\$16,000	114.29	
2	458	03-019	LOS GATOS ROAD	LOS GATOS CREEK	85.3		19	(E)clean and seal the crack in the AC approaches	1512	\$1,000	\$15,000	\$16,000	10.58	
2	458	03-019	LOS GATOS ROAD	LOS GATOS CREEK	85.3		19	(E)clean and seal the crack in AC cover of paving notch	1512	\$1,000	\$15,000	\$16,000	10.58	

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2013/2014 - Total Estimated Funding Required \$2,283,500.00														
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2	457	03-020	LOS GATOS ROAD	LOS GATOS CREEK	62.4		13	(E) provide appropriate scour countermeasures at A3	1242.8	\$2,500	\$25,000	\$27,500	22.13	
2	457	03-020	LOS GATOS ROAD	LOS GATOS CREEK	62.4		19	(E) epoxy inject the longitudinal cracks at exterior deck	1242.8	\$500	\$8,000	\$8,500	6.84	
2	455	03-022	LOS GATOS ROAD	LOS GATOS CREEK	85.3		13	(E) provide appropriate scour countermeasures at A1	1484	\$2,500	\$25,000	\$27,500	18.53	
2	426	03-023	S. EL DORADO AVE	COALINGA CANAL	98.3		19	(E) lower the elevation of AC approaches adj. to abut.	190	\$2,500	\$25,000	\$27,500	144.74	
2	426	03-023	S. EL DORADO AVE	COALINGA CANAL	98.3		19	(E)clean and seal the crack in AC cover of paving notch	190	\$500	\$25,000	\$25,500	134.21	
2	473	03-026	DERRICK AVENUE	LOS GATOS CREEK	85.6		19	(E)clean and seal the crack in AC cover of paving notch	1848	\$500	\$25,000	\$25,500	13.80	
2	473	03-026	DERRICK AVENUE	LOS GATOS CREEK	85.6		19	(E)clean and seal the crack in the AC approaches	1848	\$500	\$25,000	\$25,500	13.80	
2	472	03-027	GALE AVENUE	LOS GATOS CREEK	88.1		17	(E) repair spalled soffit of deck in Span 4 at R S/S of A5	2388.5	\$1,000	\$25,000	\$26,000	10.89	
2	472	03-027	GALE AVENUE	LOS GATOS CREEK	88.1			chip around exposed rebar & remove unsound conc/ repair	2388.5	\$1,000	\$25,000	\$26,000	10.89	
22	97	03-029	S. EL DORADO AVE	AROYO PASAJERO (LOS GATOS CREEK)	96.7		19	(E)clean and seal the crack in the AC approaches	470	\$500	\$15,000	\$15,500	32.98	
2	103	03-031	JAYNE AVENUE	ZAPATO CHINO CREEK	96.2		19	(E)clean and seal the crack in AC cover of paving notch	4233.3	\$500	\$25,000	\$25,500	6.02	
2	103	03-031	JAYNE AVENUE	ZAPATO CHINO CREEK	96.2		13	(E) provide appropriate scour countermeasures	4233.3	\$2,500	\$25,000	\$27,500	6.50	
2	618	03-033	COALINGA MINERAL SPRINGS ROAD	HOT SPRINGS CREEK	94.1		19	(E) clean & seal cracks at paving notch of both abutments	728	\$500	\$10,000	\$10,500	14.42	
2	618	03-033	COALINGA MINERAL SPRINGS ROAD	HOT SPRINGS CREEK	94.1		19	(E) clean & seal cracks at paving notch of both abutments	312	\$500	\$10,000	\$10,500	33.65	
2	618	03-033	COALINGA MINERAL SPRINGS ROAD	HOT SPRINGS CREEK	94.1		7	(E) repair timber stringer toward roadway center	312	\$1,000	\$10,000	\$11,000	35.26	
2	618	03-033	COALINGA MINERAL SPRINGS ROAD	HOT SPRINGS CREEK	94.1		19	(E) clean and seal cracks at abutment and wingwalls	312	\$500	\$10,000	\$10,500	33.65	
2	618	03-033	COALINGA MINERAL SPRINGS ROAD	HOT SPRINGS CREEK	94.1		19	(E) secure timber rails to posts and repaint	312	\$500	\$10,000	\$10,500	33.65	
2	427	03-035	SUTTER AVENUE	ZAPATO CHINO CREEK	96.5		19	(E) remove large amount of trash/debris from the channel, upstream and downstream	902.77	\$0	\$10,000	\$10,000	11.08	
2	547	03-042	BISHOP AVENUE	CRESCENT CANAL	39.8		10	(E) clean and repaint the railroad car frame	1065	\$500	\$25,000	\$25,500	23.94	
2	547	03-042	BISHOP AVENUE	CRESCENT CANAL	39.8		19	(E) raise the elevation of the superstructure to obtain at least 12 inches clearance above the canal high water mark	1065	\$2,500	\$25,000	\$27,500	11.00	
2	547	03-042	BISHOP AVENUE	CRESCENT CANAL	39.8		19	(E) resurface area of the deck and plug longitudinal gap in the deck between the two sides of the car frames	1065	\$1,000	\$10,000	\$11,000	11.00	
2	383	04-003	JAMESON AVENUE	HERNDON CANAL	73.9		10	(N)-paint new timber rail posts; 12(N)-Replace timber approach guard rail; replace rotted post on the right side of abutment 1	578.25	\$1,500	\$15,000	\$16,500	28.53	
2	384	04-004	DOWER AVENUE	HERNDON CANAL	70		12	(N)-Replace bridge rails;	661.2	\$1,000	\$10,000	\$11,000	16.64	

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2013/2014 - Total Estimated Funding Required \$2,283,500.00														
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2	384	04-004	DOWER AVENUE	HERNDON CANAL	70		13	(N)-erosian protection along at right side of wingwall at abutment 1;	650	\$5,000	\$25,000	\$30,000	46.15	
2	384	04-004	DOWER AVENUE	HERNDON CANAL	70		17	(E)-sawcut spalled area of soffit and Pier 2, clean and patch exposed rebar, recast	800	\$2,500	\$25,000	\$27,500	34.38	
2	386	04-007	BARSTOW AVENUE	HERNDON CANAL	65.3		13	(E)-scour countermeasures;	1900.8	\$2,500	\$0	\$2,500	1.32	
2	386	04-007	BARSTOW AVENUE	HERNDON CANAL	65.3		17	(E)-sawcut spalled area of soffit and abutment, clean and patch exposed rebar	1900.8	\$1,500	\$15,000	\$16,500	8.68	
2	387	04-008	CHATEAU FRESNO AVENUE	HERNDON CANAL	73.1		12	(N)-replace rotted bridge rail;	949.2	\$500	\$2,500	\$3,000	3.16	
2	387	04-008	CHATEAU FRESNO AVENUE	HERNDON CANAL	73.1		17	(N)-repair spalled area, clean exposed rebar, and recast affected area at pier 2.	949.2	\$1,500	\$10,000	\$11,500	12.12	
2	388	04-009	GARFIELD AVENUE	HERNDON CANAL	85.9		14	(E)-repair both AC approaches;	1182.15	\$5,000	\$25,000	\$30,000	25.38	
2	388	04-009	GARFIELD AVENUE	HERNDON CANAL	85.9		17	(E)-sawcut perimeter of rock pockets at the base of abutment 1 and Pier 2, clean and patch exposed rebar, recast	1182.5	\$1,000	\$15,000	\$16,000	13.53	
2	392	04-013	GOLDENROD AVENUE	HERNDON CANAL	86.2		10	(N)-paint new portions of railing;	510.6	\$2,500	\$15,000	\$17,500	34.27	
2	392	04-013	GOLDENROD AVENUE	HERNDON CANAL	86.2		12	(N)-replace rotted bridge rail posts;	510.6	\$1,500	\$15,000	\$16,500	32.31	
2	392	04-013	GOLDENROD AVENUE	HERNDON CANAL	86.2		14	(E)-clean and seal cracks in approach;	510.6	\$500	\$5,000	\$5,500	10.77	
2	392	04-013	GOLDENROD AVENUE	HERNDON CANAL	86.2		17	(E)-clean and seal cracks in abutment	510.6	\$500	\$5,000	\$5,500	10.77	
2	390	04-016	HOWARD AVENUE	HERNDON CANAL	97		12	(N)-replace terminus piece for bridge rail;	783.75	\$1,000	\$10,000	\$11,000	14.04	
2	390	04-016	HOWARD AVENUE	HERNDON CANAL	97		14	(E)-seal cracks @north approach roadway	783.5	\$500	\$5,000	\$5,500	7.02	
2	405	04-018	VINELAND AVENUE	SANDRIDGE CANAL	78		14	(E)-seal cracks on approach;	486.2	\$500	\$5,000	\$5,500	11.31	
2	405	04-018	VINELAND AVENUE	SANDRIDGE CANAL	78		17	(E)-sawcut spalled area of soffit, clean and patch exposed rebar;	486.2	\$2,500	\$15,000	\$17,500	35.99	
2	391	04-019	SYCAMORE AVENUE	HERNDON CANAL	88.7		10	(E)-paint recently replaced timber rail;	490.42	\$1,000	\$18,000	\$19,000	38.74	
2	391	04-019	SYCAMORE AVENUE	HERNDON CANAL	88.7		13	(E)-take countermeasure to prevent scour	490.42	\$2,500	\$25,000	\$27,500	56.07	
2	339	04-027	ROLINDA AVENUE	HOUGHTON CANAL	60.9		13	(E)-scour protection along footings of abutments & pier;	497.2	\$2,500	\$25,000	\$27,500	55.31	
2	339	04-027	ROLINDA AVENUE	HOUGHTON CANAL	60.9		12	(N)-replace rotted bridge railing posts	497.2	\$500	\$5,000	\$5,500	11.06	
2	485	04-029	MONROE AVENUE	HOUGHTON CANAL	92.1		13	(E)-scour protection around pier 2 footing	621	\$2,500	\$25,000	\$27,500	44.28	
2	486	04-030	CHATEAU FRESNO AVENUE	HOUGHTON CANAL	59.7		13	(E)-scour protection around pier 2 footing	762.3	\$2,500	\$25,000	\$27,500	36.08	
2	541	04-041	KEARNEY BOULEVARD	DRY CREEK			13	(E)-repair erosian at left wingwall at abutment 2;	546	\$2,500	\$25,000	\$27,500	50.37	
2	541	04-041	KEARNEY BOULEVARD	DRY CREEK			119	(E)-protect footing at abutment 2;	546	\$2,500	\$15,000	\$17,500	32.05	

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2	543	04-044	CHURCH AVENUE	DRY CREEK	81.5		13	(N)-place scour protection along footing of Abutment 2	578.6	\$2,500	\$25,000	\$27,500	47.53	
2	605	04-059	HOWARD AVENUE	DRY CREEK	91.5		12	(E)-repair approach bridge railing;	630.96	\$500	\$5,000	\$5,500	8.72	
2	605	04-059	HOWARD AVENUE	DRY CREEK	91.5		13	(E)-monitor scour condition at abutment1;	630.96	\$1,500	\$25,000	\$26,500	42.00	
2	605	04-059	HOWARD AVENUE	DRY CREEK	91.5		14	(E)-seal staircase crack for approach at abutment 2	630.96	\$2,500	\$15,000	\$17,500	27.74	
2	181	05-025	ELKHORN AVENUE	LIBERTY DITCH	83.1		19	(E) the barrier above wing wall at abutment 3 right is broken and lying in channel	702	\$1,500	\$25,000	\$26,500	37.75	
2	551	05-032	ELKHORN AVENUE	FRESNO SLOUGH	97.5		14	(E) rehab ac approach slabs	3595.2	\$1,500	\$25,000	\$26,500	7.37	
2	551	05-032	ELKHORN AVENUE	FRESNO SLOUGH	97.5		13	(n) Repair and place scour improvements at bents 5 and 6	3595.2	\$2,500	\$25,000	\$27,500	7.65	
2	550	05-033	MADERA AVENUE	STINSON CANAL	77.7		19	(E) repair the broken left wingwall at abutment 1	585	\$5,000	\$40,000	\$45,000	76.92	
2	550	05-033	MADERA AVENUE	STINSON CANAL	77.7		19	(E) repair/replace the left and right bridge railings	585	\$500	\$5,000	\$5,500	9.40	
2	306	05-038	DAVIS AVENUE	BRANCH OF LIBERTY DITCH	91.3		19	(E) Repair/replace the approach guard rail and 2 of the timber posts at north side of abutment # 2	672.5	\$500	\$5,000	\$5,500	8.18	
2	514	05-044	CEDAR AVENUE	MURPHY SLOUGH	98.8		13	(N) failing slope protection provide proper and adequate scour counter measures and prevent undermining	1708	\$2,500	\$25,000	\$27,500	16.10	
2	549	05-048	CERINI AVENUE	CRESCENT CANAL	92.1		19	(E) Replace missing Bridge rails and posts	594	\$500	\$5,000	\$5,500	9.26	
2	549	05-048	CERINI AVENUE	CRESCENT CANAL	92.1		13	(E) Backfill the eroded areas adjacent to the wing walls on right side	594	\$500	\$5,000	\$5,500	9.26	
2	528	05-050	CLOVIS AVENUE	LIBERTY DITCH	60.6		7	(E) straighten the right (east) exterior stringer	820.05	\$500	\$5,000	\$5,500	6.71	
2	528	05-050	CLOVIS AVENUE	LIBERTY DITCH	60.6		19	(E) repair replace the first 2.4 meters of the west side bridge rail	820.05	\$500	\$5,000	\$5,500	6.71	
2	528	05-050	CLOVIS AVENUE	LIBERTY DITCH	60.6		2	Methacryalite deck	820.05	\$2,500	\$25,000	\$27,500	33.53	
2	292	05-055	HARLAN AVENUE	MURPHY SLOUGH	96.9		14	(E) repair AC for both of approaches	1128.5	\$500	\$5,000	\$5,500	4.87	
2	360	05-056	HARLAN AVENUE	LIBERTY DITCH	91.1		14	(E) repave the approach roadway to both abutments	620.4	\$500	\$15,000	\$15,500	24.98	
2	360	05-056	HARLAN AVENUE	LIBERTY DITCH	91.1		19	(E) Spalling on soffit	620.4	\$1,500	\$15,000	\$16,500	26.60	
2	362	05-058	CLOVIS AVENUE	MURPHY SLOUGH	98.9		13	(N) place scour protection along embankments of abutments	1750	\$2,500	\$25,000	\$27,500	15.71	
2	163	05-059	MARKS AVENUE	MURPHY SLOUGH	94.2		19	(E) clean out and seal cracks in AC at approaches	1376	\$500	\$15,000	\$15,500	11.26	
2	168	05-063	FOWLER AVENUE	MURPHY SLOUGH	85.8		19	(E) clean out and seal cracks in AC at approaches	1703	\$500	\$15,000	\$15,500	9.10	
2	168	05-063	FOWLER AVENUE	MURPHY SLOUGH	85.8		19	(E) repair the approach roadway AC adjacent to abutment1	1703	\$500	\$15,000	\$15,500	9.10	
2	168	05-063	FOWLER AVENUE	MURPHY SLOUGH	85.8		19	(E) remove unsound concrete and patch concrete spalls	1703	\$1,500	\$15,000	\$16,500	9.69	
2	361	05-064	FATIMA AVENUE	MURPHY SLOUGH	85		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	1215.2	\$2,500	\$25,000	\$27,500	22.63	

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2	361	05-064	FATIMA AVENUE	MURPHY SLOUGH	85		19	(E) clean out and seal cracks in AC at approaches	1215.2	\$500	\$15,000	\$15,500	12.76	
2	527	05-065	RIVERDALE AVENUE	RIVERDALE DITCH	52.9		4	(E) repair deck AC	1051.6	\$500	\$25,000	\$25,500	24.25	
2	527	05-065	RIVERDALE AVENUE	RIVERDALE DITCH	52.9		6	(E) Correct lean of pier in span 2	1051.6	\$1,000	\$10,000	\$11,000	10.46	
2	235	05-066	FRUIT AVENUE	RIVERDALE DITCH	97		19	(E) clean out and seal crack in AC at paving notches	560	\$500	\$15,000	\$15,500	27.68	
2	555	05-069	DE WOODY AVENUE	GRANT CANAL	91.5		13	(N) provide appropriate and adequate scour counter measures to prevent undermining of paved invert	1036.8	\$2,500	\$25,000	\$27,500	26.52	
2	555	05-069	DE WOODY AVENUE	GRANT CANAL	91.5		19	(E) remove all unsound concrete and patch from soffit and arch girders	1036.8	\$1,500	\$15,000	\$16,500	15.91	
2	58	05-073	MT WHITNEY AVENUE	CRESCENT DITCH	96.7		19	(E) Repair or replace delapidated bridge rails	1728	\$500	\$1,500	\$2,000	1.16	
2	56	05-075	MT WHITNEY AVENUE	FRESNO SLOUGH BYPASS	98.9		19	(E) Clean out and seal the cracks in approach roadway AC in both lanes	4068	\$500	\$15,000	\$15,500	3.81	
2	57	05-076	MT WHITNEY AVENUE	FRESNO SLOUGH	98.9		19	(E) clean and patch spalls where it meets joint seal	15372	\$1,000	\$15,000	\$16,000	1.04	
2	57	05-076	MT WHITNEY AVENUE	FRESNO SLOUGH	98.9		13	(N) provide appropriate and adequate scour counter measures	15237	\$2,500	\$25,000	\$27,500	1.80	
2	57	05-076	MT WHITNEY AVENUE	FRESNO SLOUGH	98.9		1	(E) clean out and re seal expansion joints at both abutments	15237	\$500	\$15,000	\$15,500	1.02	
2	160	05-077	MT WHITNEY AVENUE	BURREL DITCH	96.8		14	(E) repair replace approach slab near abutment 3	1216	\$1,000	\$25,000	\$26,000	21.38	
2	166	05-080	FOWLER AVENUE	GRANT CANAL	90.8		13	(E) backfill erosion hole adjacent to abutment 4	832	\$500	\$10,000	\$10,500	12.62	
2	166	05-080	FOWLER AVENUE	GRANT CANAL	90.8		14	(E) repair both AC approach slabs	832	\$1,000	\$10,000	\$11,000	13.22	
2	295	05-090	CEDAR AVENUE	COLE SLOUGH			13	(N) provide scour protection next to invert at abutment 3	1350	\$2,500	\$25,000	\$27,500	20.37	
2	316	05-092	LAGUNA AVENUE	GRANT CANAL	97		13	(N) Provide adequate scour protection at upstream nose of pier 2	768	\$2,500	\$25,000	\$27,500	35.81	
2	376	05-095	LEWISTON AVENUE	NO NAME DITCH			13	(N) Provide adequate scour protection for abutment 1	579.94	\$2,500	\$25,000	\$27,500	47.42	
2	368	05-099	EXCELSIOR AVENUE	CRESCENT DITCH	96.9		4	(E) repair deck AC	2100	\$500	\$10,000	\$10,500	5.00	
2	368	05-099	EXCELSIOR AVENUE	CRESCENT DITCH	96.9		14	(E) clean out and repair crack in AC at both approaches	2100	\$500	\$15,000	\$15,500	7.38	
2	367	05-100	EXCELSIOR AVENUE	FRESNO SLOUGH BYPASS	96.9		13	(E) Install scour protection at base of concrete slope protection	2424.8	\$2,500	\$25,000	\$27,500	11.34	
2	367	05-100	EXCELSIOR AVENUE	FRESNO SLOUGH BYPASS	96.9		14	(E) Raise grade of approach slabs for smooth transition to deck	2424.8	\$1,500	\$25,000	\$26,500	10.93	
2	104	05-102	EXCELSIOR AVENUE	FRESNO SLOUGH	96.9		13	(E) backfill erosion adjacent to slope paving at abutment 5	3411.2	\$500	\$25,000	\$25,500	7.48	
2	104	05-102	EXCELSIOR AVENUE	FRESNO SLOUGH	96.9		19	(E) spalled concrete in column 4 of bent 3	3411.2	\$1,000	\$15,000	\$16,000	4.69	
2	554	05-103	KAMM AVENUE	FRESNO SLOUGH	87.2		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	4116	\$2,500	\$25,000	\$27,500	6.68	

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2	553	05-104	KAMM AVENUE	FRESNO SLOUGH BYPASS	87.3		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	2772	\$2,500	\$25,000	\$27,500	9.92
2	553	05-104	KAMM AVENUE	FRESNO SLOUGH BYPASS	87.3		14	(E) clean out and repair crack in AC at both approaches	2772	\$1,000	\$10,000	\$11,000	3.97
										178,500	2,080,000	<b>\$2,283,500</b>	

THE FOLLOWING ARE SPECIFIC WORK ITEMS ELIGIBLE FOR HBP REIMBURSEMENT UNDER PREVENTATIVE MAINTENANCE:

WORK CODES:

- 1 EXPANSION JOINT SEAL AND ASSEMBLY REPLACEMENT
- 2 METHACRYALTE DECK TREATMENT
- 3 POLYESTER CONCRETE OVERLAY OR SIMILAR PROTECTIVE DECK OVERLAYS
- 4 DECK AC REPLACEMENT/NEW INSTALLATION
- 5 RESTORE/REPLACE EXISTING BEARINGS OR BEARING SUPPORTS
- 6 REPAIR/RESTORE/STRENGTHEN OF BEAMS, PIERS, AND END CAPS TO REDUCE THE NEED FOR BRIDGE WEIGHT LIMIT POSTING, MITIGATE FURTHER FATIGUE DAMAGE.
- 7 REPAIR/SUPPLEMENT/REPLACE TIMBER STRUCTURAL ELEMENTS SUCH AS TIMBER DECKING AND STRINGERS.
- 8 REPAIR/REPLACE OF MOVABLE BRIDGE MECHANICAL/ELECTRICAL COMPONENTS
- 9 RETROFIT REPAIRS TO FATIGUE PRONE DETAILS OF STEEL GIRDERS
- 10 SPOT PAINTING OF STRUCTURAL STEEL ELEMENTS WHERE THE PAINT CONDITION INDEX (PCI) IS GREATER THAN 65
- 11 REHABILITATION/NEW INSTALLATION OF DECK DRAINAGE ELEMENTS
- 12 REPLACEMENT OF DETERIORATED BRIDGE RAILINGS DUE TO ENVIRONMENTAL CONDITIONS
- 13 EMBANKMENT EROSION CONTROL AND REPAIR OF EXISTING SCOUR COUNTERMEASURES TO PROTECT THE STRUCTURAL INTEGRITY OF THE BRIDGE.
- 14 APPROACH SLAB REHABILITATION/REPLACEMENT AND NEW INSTALLATION BASED EXTENSIVE MAINTENANCE HISTORY
- 15 ALKALI-SILICA-REACTIVE AGGREGATE MITIGATION
- 16 CORROSION MANAGEMENT SYSTEMS
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- 18 DEVELOPMENT OF BRIDGE PREVENTATIVE MAINTENANCE PLANS (BPMP)
- 19 OTHER CASE BY CASE BASIS TYPE OF WORKS THAT MEET PREVENTATIVE MAINTENANCE OBJECTIVES; NEED TO CONTACT DLAE FOR ASSISTANCE.

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2014/2015 - Total Estimated Funding Required \$1,537,600.00													
Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft <sup>2</sup> )	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft <sup>2</sup> )
1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE LIST				\$25,000	
2	1	07-001	NORTH FORK ROAD	SAN JOAQUIN RIVER	77.4		13	(E) provide appropriate scour countermeasures	8456	\$2,500	\$25,000	\$27,500	3.25
3	1	07-001	NORTH FORK ROAD	SAN JOAQUIN RIVER	77.4		6	(E) repair spall at N/E corner column 1 in Bent 6	8456	\$1,000	\$10,000	\$11,000	1.30
4	172	07-002	FRIANT ROAD	LITTLE DRY CREEK	85.3		19	(E) clean and seal the crack at both AC approaches	6520	\$500	\$15,000	\$15,500	2.38
5	172	07-002	FRIANT ROAD	LITTLE DRY CREEK	85.3		19	(E) re-level AC approach at Abut 1 for smooth transition	6520	\$100	\$10,000	\$10,100	1.55
6	246	07-004	MINNEWAWA AVENUE	ENTERPRISE CANAL	97.5		19	(E) clean and seal the transverse cracks at both abut.	1232	\$500	\$5,000	\$5,500	4.46
7	300	07-006	BEHYMER AVENUE	ENTERPRISE CANAL	25.7		12	(E) replace timber wheelguard at N/S midspan2	893.1	\$500	\$5,000	\$5,500	6.16
8	300	07-006	BEHYMER AVENUE	ENTERPRISE CANAL	25.7		19	(E) repair damaged 13 ft of timber bridge rail at S/S	893.1	\$500	\$5,000	\$5,500	6.16
9	254	07-009	MILLERTON ROAD	FRIANT-KERN CANAL	92.9		19	(E) repair damaged approach guardrail at abutment 1	4672	\$500	\$5,000	\$5,500	1.18
10	254	07-009	MILLERTON ROAD	FRIANT-KERN CANAL	92.9		19	(E) clean and seal the crack in AC cover of paving notch	4672	\$500	\$5,000	\$5,500	1.18
11	254	07-009	MILLERTON ROAD	FRIANT-KERN CANAL	92.9		19	(E) clean and seal the cracks in the AC approaches	4672	\$500	\$5,000	\$5,500	1.18
12	254	07-009	MILLERTON ROAD	FRIANT-KERN CANAL	92.9		19	(E) repair gully caused by the drainage pipe left of A3	4672	\$500	\$500	\$1,000	0.21
13	491	07-014	NEES AVENUE	DRY CREEK			7	(E)-Memo dated 1997 - scour mitigation needed/ place shim bet. bent and stringers. Re-evaluate ASAP	1633	\$2,500	\$25,000	\$27,500	16.84
14	129	07-017	ACADEMY AVENUE	FRIANT-KERN CANAL	90.7		19	(E) repair damaged approach guardrail at abutment 3 left	2687.8	\$500	\$5,000	\$5,500	2.05
15	129	07-017	ACADEMY AVENUE	FRIANT-KERN CANAL	90.7		19	(E) clean and seal the crack in the AC approaches	2687.5	\$500	\$5,000	\$5,500	2.05
16	129	07-017	ACADEMY AVENUE	FRIANT-KERN CANAL	90.7		17	(E) repair spalled area at bottom edge of deck at both sides, remove unsound concrete, clean reinforcing bars and recast.	2687.5	\$500	\$15,000	\$15,500	5.77
17	266	07-018	AUBERRY ROAD	LITTLE DRY CREEK	96.2		19	(E) clean and seal the crack in the AC approaches	2879	\$500	\$15,000	\$15,500	5.38
18	266	07-018	AUBERRY ROAD	LITTLE DRY CREEK	96.2		17	(E) repair perimeter of incipient spall on left side face of abutment 1, remove unsound concrete, clean reinforcing bars and patch the affected area	2996	\$500	\$15,000	\$15,500	5.17
19	116	07-023	HERNDON AVENUE	ENTERPRISE CANAL	96.7		13	(E) provide appropriate scour countermeasures	2777.8	\$2,500	\$25,000	\$27,500	9.90
20	597	07-034	DOCKERY AVENUE	ENTERPRISE CANAL	90.1		19	(E) clean and seal the crack in AC cover of paving notch	1008	\$500	\$15,000	\$15,500	15.38
21	597	07-034	DOCKERY AVENUE	ENTERPRISE CANAL	90.1		19	(E) clean and seal the crack at both AC approaches	1008	\$500	\$15,000	\$15,500	15.38

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2014/2015 - Total Estimated Funding Required \$1,537,600.00													
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22	332	07-037	VAN NESS AVENUE	HERNDON CANAL			17	(E) repair spalled area at left edge of deck in span 1 and span 2, remove unsound concrete, clean reinforcing bars and patch affected areas	2080	\$1,500	\$15,000	\$16,500	7.93
23	332	07-037	VAN NESS AVENUE	HERNDON CANAL			13	(E) repair void in embankment at right side of Abut 3	2080	\$1,000	\$10,000	\$11,000	5.29
24	119	07-043	SHAW AVENUE	ENTERPRISE CANAL	86.1		19	(E) clean and seal the crack at both AC approaches	1911	\$500	\$15,000	\$15,500	8.11
25	119	07-043	SHAW AVENUE	ENTERPRISE CANAL	86.1		19	(E) replace nonstandard markers at abut 1 and abut 3	1911	\$500	\$15,000	\$15,500	8.11
26	119	07-043	SHAW AVENUE	ENTERPRISE CANAL	86.1		19	(E) repair damaged approach guardrail at abutment 1 left	1911	\$500	\$15,000	\$15,500	8.11
27	121	07-045	SHAW AVENUE	ENTERPRISE CANAL	93.5		19	(E) repair damaged approach guardrail1 at abut. 1 & 4	1534	\$500	\$5,000	\$5,500	3.59
28	121	07-045	SHAW AVENUE	ENTERPRISE CANAL	93.5		19	(E) clean and seal the crack at AC approach to abut 4	1534	\$500	\$5,000	\$5,500	3.59
29	121	07-045	SHAW AVENUE	ENTERPRISE CANAL	93.5		19	(E) clean and seal the crack in AC cover of paving notch	1534	\$500	\$5,000	\$5,500	3.59
30	636	07-051	N FOWLER AVE	BIG DRY CREEK	91.2		17	(E) repair perimeter of incipient spall on right side of abutment 4, remove all unsound concrete, clean reinforcing bars of all corrosion and re-cast the affected area	1099.26	\$1,000	\$10,000	\$11,000	10.01
31	113	08-011	TEMPERANCE AVENUE	GOULD CANAL	94.6		19	REMOVE THE LAYER OF DIRT, VE	805	\$500	\$5,000	\$5,500	6.83
32	113	08-011	TEMPERANCE AVENUE	GOULD CANAL	94.6		19	INSTALL PROPER TYPE OF HORIZ	805	\$1,500	\$15,000	\$16,500	20.50
33	113	08-011	TEMPERANCE AVENUE	GOULD CANAL	94.6		19	RE INSTALL MARKER AT ABUTME	805	\$500	\$5,000	\$5,500	6.83
34	113	08-011	TEMPERANCE AVENUE	GOULD CANAL	94.6		19	REPAIR APPROACH RDWAY AC A	805	\$1,500	\$15,000	\$16,500	20.50
35	568	08-014	DE WOLF AVENUE	GOULD CANAL	70.5		19	REMOVE THE LAYERS OF DIRT A	572	\$5,000	\$10,000	\$15,000	26.22
36	185	08-018	MC CALL AVENUE	REDBANK SLOUGH	81		19	REMOVE THICK,DENSE TANGLE C	1899.8	\$5,000	\$5,000	\$10,000	5.26
37	150	08-018	MC CALL AVENUE	REDBANK SLOUGH	81		19	CUT ALL VEGETATION ALONG THE TREE AT LEAST 3 METERS- PROVIDE ACCESS TO UNDERSIDE OF THE SPANS -E	2203	\$5,000	\$10,000	\$15,000	6.81
38	330	08-021	BETHEL AVENUE	GOULD CANAL	61.4		13	PLACE SCOUR PROTECTION ALO	565	\$5,000	\$25,000	\$30,000	53.10
39	184	08-024	MC CALL AVENUE	GOULD CANAL	93.8		19	REPAIR APPROACH RDWAY AC A	1056	\$5,000	\$25,000	\$30,000	28.41
40	184	08-024	MC CALL AVENUE	GOULD CANAL	93.8		19	CLEAN OUT AND SEAL THE CRAC	1056	\$5,000	\$25,000	\$30,000	28.41
41	331	08-025	DEL REY AVENUE	GOULD CANAL	70.8		13	PLACE SCOUR PROTECTION ALO	585.2	\$5,000	\$25,000	\$30,000	51.26
42	42C0567	08-033	FOWLER AVENUE	MC KINLEY ALIGNM	94.9			INSTALL SCOUR COUNTERMEAS	1755	\$5,000	\$15,000	\$20,000	11.40
43	302	08-035	MC KINLEY AVENUE	MILL DITCH	98.5		19	REPLACE THE SPACER BLOCK AT THE 3RD POST OF THE APPROACH GUARDRAIL ON LEFT SIDE OF THE BRIDGE - ADJACENT TO ABUTMENT 3- E	1778	\$5,000	\$15,000	\$20,000	11.25

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2014/2015 - Total Estimated Funding Required \$1,537,600.00													
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44	496	08-039	DEL REY AVENUE	FRESNO CANAL	47.5		7	REPLACE THE EXTERIOR STRINGERS ON BOTH SIDES IN SPANS 1 AND 3-E	1668.5	\$5,000	\$15,000	\$20,000	11.99
45	496	08-039	DEL REY AVENUE	FRESNO CANAL	47.5		10	CLEAN UP AND PAINT THE STEEL COLUMNS AND CAPS /REMOVE CORROSION- E		\$5,000	\$15,000	\$20,000	#DIV/0!
46	202	08-053	NORTH AVENUE	CENTRAL CANAL	97		19	(E)-repair the top 4 feet of the pier nose that has spalls and exposed rebar	970.2	\$5,000	\$15,000	\$20,000	20.61
47	83	08-056	GOLDEN STATE BOULEVARD	CENTRAL CANAL	88.6		19	(E)-repair/patch the spall with exposed rebar near the expansion joint at the angle point in the soffit at Span/Barrel 1	4649.4	\$5,000	\$15,000	\$20,000	4.30
48	324	08-057	SHAW AVENUE	FANCHER CREEK	57.4		13	(E)-scour countermeasures	613.35	\$5,000	\$25,000	\$30,000	48.91
49	128	08-058	ACADEMY AVENUE	ENTERPRISE CANAL	97.4		13	(E)-scour countermeasures	780	\$5,000	\$25,000	\$30,000	38.46
50	325	08-059	ZEDIKER AVENUE	ENTERPRISE CANAL	96.2		13	(E)-scour countermeasures	1034.08	\$5,000	\$25,000	\$30,000	29.01
51	326	08-060	ASHLAN AVENUE	ENTERPRISE CANAL	74.3		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	804.56	\$5,000	\$25,000	\$30,000	37.29
52	327	08-061	RIVERBEND AVENUE	ENTERPRISE CANAL	56.4		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	629.44	\$5,000	\$25,000	\$30,000	47.66
53	329	08-062	SHIELDS AVENUE	FANCHER CREEK	96.9		19	(E) Concrete spalls in barrel	920	\$5,000	\$15,000	\$20,000	21.74
54	312	08-064	WATTS VALLEY ROAD	FRIANT-KERN CANAL	82.2		14	(E) cracks in AC at both abutments	2064	\$5,000	\$15,000	\$20,000	9.69
55	312	08-064	WATTS VALLEY ROAD	FRIANT-KERN CANAL	82.2		19	(E) spalling of concrete	2064	\$5,000	\$15,000	\$20,000	9.69
56	497	08-065	CLINTON AVENUE	ENTERPRISE CANAL	58		7	(E) repair or replace exterior stringer in span 2 that is rotted	540	\$5,000	\$15,000	\$20,000	37.04
57	328	08-066	ZEDIKER AVENUE	MUD CREEK	59.4		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	537.6	\$5,000	\$25,000	\$30,000	55.80
58	498	08-068	VIAU AVENUE	GOULD DITCH	57.3		7	(E) remove and replace stringer # 6 in span 2 , and remove and replace any other deteriorated stringers	441	\$5,000	\$15,000	\$20,000	45.35
59	498	08-068	VIAU AVENUE	GOULD DITCH	57.3		19	(E) provide more preventive measures for run off onto abutments	441	\$5,000	\$15,000	\$20,000	45.35
60	498	08-068	VIAU AVENUE	GOULD DITCH	57.3		4	(E) repair deck AC	441	\$5,000	\$25,000	\$30,000	68.03
61	498	08-068	VIAU AVENUE	GOULD DITCH	57.3		19	(E) spalling at abutment # 3	441	\$5,000	\$15,000	\$20,000	45.35
62	346	08-069	RIVERBEND AVENUE	ENTERPRISE CANAL	66		19	(E) spalling concrete at wing walls	751.1	\$5,000	\$15,000	\$20,000	26.63

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63	346	08-069	RIVERBEND AVENUE	ENTERPRISE CANAL	66		13	(N) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	751.1	\$5,000	\$25,000	\$30,000	39.94
64	343	08-070	MC KINLEY AVENUE	FRESNO CANAL	26.7		7	(E) repair the split #21 stringer in span 2	1116.25	\$5,000	\$15,000	\$20,000	17.92
65	353	08-071	MC KINLEY AVENUE	ENTERPRISE CANAL	91.4		19	(E) backfill holes at retaining wall at abutment 4	1287.9	\$5,000	\$15,000	\$20,000	15.53
66	353	08-071	MC KINLEY AVENUE	ENTERPRISE CANAL	91.4		19	(E) replace broken spacer block at the sixth post from the left side of abutment 4	1287.9	\$5,000	\$10,000	\$15,000	11.65
67	344	08-073	ZEDIKER AVENUE	FRESNO CANAL	52.3		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	1766.7	\$5,000	\$25,000	\$30,000	16.98
68	347	08-074	RIVERBEND AVENUE	ENTERPRISE CANAL	96.8		13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	1030.4	\$5,000	\$25,000	\$30,000	29.11
69	0	08-075	RIVERBEND AVENUE	GOULD CANAL			13	(E) provide appropriate and adequate scour countermeasures to prevent undermining of foundations	468	\$5,000	\$25,000	\$30,000	64.10
70	500	08-076	MACDONOUGH AVENUE	GOULD DITCH	64		7	(E) replace right stringer that is split due to hit on the rail	478.8	\$5,000	\$15,000	\$20,000	41.77
71	500	08-076	MACDONOUGH AVENUE	GOULD DITCH	64		18	(E) BPMP request a re-inspection 2011 due to age 1925	478.8	\$5,000	\$10,000	\$15,000	31.33
72	629	08-077	RIVERBEND AVENUE	FRESNO CANAL	99.9		19	(E) stencil the correct new Bridge No. 42C0629	1664	\$500	\$1,500	\$2,000	1.20
73	354	08-078	MACDONOUGH AVENUE	FRESNO CANAL	77.8		17	(E) saw-cut the perimeter of spalled areas on faces of pier 2 and 3, remove all unsound concrete, clean reinforcing bars of all corrosion and re-cast the affected areas	1386	\$5,000	\$15,000	\$20,000	14.43
74	520	08-079	VIAU AVENUE	FRESNO CANAL	66.9		17	(E) saw-cut the perimeter of 3 spalled areas on lower third base of pier 2 and on span 2 side, remove all unsound concrete, chip and clean around reinforcing bars of all corrosion and re-cast the affected areas	1380.6	\$5,000	\$15,000	\$20,000	14.49
75	520	08-079	VIAU AVENUE	FRESNO CANAL	66.9		13	(E) restore scour countermeasures	1380.6	\$5,000	\$25,000	\$30,000	21.73
76	0	08-080	ACADEMY AVENUE	FANCHER CREEK			17	(E) seal vertical cracks in the pier wall	635.8	\$5,000	\$15,000	\$20,000	31.46
77	0	08-080	ACADEMY AVENUE	FANCHER CREEK			19	(E) place P markers	635.8	\$500	\$2,500	\$3,000	4.72
78	0	08-080	ACADEMY AVENUE	FANCHER CREEK			19	(E) clean crash cushion foundation pad	635.8	\$500	\$5,000	\$5,500	8.65

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79	126	08-081	ACADEMY AVENUE	FRESNO CANAL	96.7		17	(E) repair the face of the wingwall on the right east side of abut. 2, remove all unsound concrete, clean reinforcing bars of all corrosion and re-cast the affected areas	1436.4	\$5,000	\$15,000	\$20,000	13.92
80	126	08-081	ACADEMY AVENUE	FRESNO CANAL	96.7		19	(E) repair settled AC pavement over structure	1436.4	\$5,000	\$15,000	\$20,000	13.92
81	126	08-081	ACADEMY AVENUE	FRESNO CANAL	96.7		11	(N) install a drainage system around the north end on the wingwall and down the face of canal embankment	1436.4	\$5,000	\$15,000	\$20,000	13.92
82	0	08-084	CHURCH AVENUE	BRIGGS DITCH			19	(E) place P markers	234.84	\$500	\$1,500	\$2,000	8.52
83	0	08-084	CHURCH AVENUE	BRIGGS DITCH			19	(E) backfill underneath concrete surface at north end of the bridge, clear shoulders, remove graffiti	234.84	\$5,000	\$15,000	\$20,000	85.16
84	0	08-084	CHURCH AVENUE	BRIGGS DITCH			19	(E) remove drift/channel debris	234.84	\$500	\$2,500	\$3,000	12.77
85	43	08-093	N. SMITH AVE	CENTERVILLE-KINGSBURG CANAL	86.9		7	(E) replace Stringer 1 in Span 2	80	\$5,000	\$15,000	\$20,000	250.00
86	43	08-093	N. SMITH AVE	CENTERVILLE-KINGSBURG CANAL	86.9		7	(E) replace or supplement Stringer 28 and 30 in span 2	80	\$5,000	\$15,000	\$20,000	250.00
87	43	08-093	N. SMITH AVE	CENTERVILLE-KINGSBURG CANAL	86.9		13	(E) implement scour measures for footings of the pier and abutments	80	\$5,000	\$15,000	\$20,000	250.00
88	43	08-093	N. SMITH AVE	CENTERVILLE-KINGSBURG CANAL	86.9		19	(E)-clean and seal cracks on both roadway AC approaches	80	\$5,000	\$15,000	\$20,000	250.00
										\$274,100	\$1,238,500	<b>\$1,537,600</b>	

THE FOLLOWING ARE SPECIFIC WORK ITEMS ELIGIBLE FOR HBP REIMBURSEMENT UNDER PREVENTATIVE MAINTENANCE:

WORK CODES:

- 1 EXPANSION JOINT SEAL AND ASSEMBLY REPLACEMENT
- 2 METHACRYALTE DECK TREATMENT
- 3 POLYESTER CONCRETE OVERLAY OR SIMILAR PROTECTIVE DECK OVERLAYS
- 4 DECK AC REPLACEMENT/NEW INSTALLATION
- 5 RESTORE/REPLACE EXISTING BEARINGS OR BEARING SUPPORTS
- 6 REPAIR/RESTORE/STRENGTHEN OF BEAMS, PIERS, AND END CAPS TO REDUCE THE NEED FOR BRIDGE WEIGHT LIMIT POSTING, MITIGATE FURTHER FATIGUE DAMAGE.
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- 13 EMBANKMENT EROSION CONTROL AND REPAIR OF EXISTING SCOUR COUNTERMEASURES TO PROTECT THE STRUCTURAL INTEGRITY OF THE BRIDGE.
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County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2015/2016 - Total Estimated Funding Required \$1,302,000.00																
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1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE LIST				\$25,000				
2	76	09-027	TRIMMER SPRINGS ROAD	FRIANT-KERN CANAL	76.9		17	(N)-repair spalled area along underside of deck on both sides of bridge, clean exposed rebar, and recast affected area;	2970	\$5,000	\$15,000	\$20,000	6.73			
3	76	09-027	TRIMMER SPRINGS ROAD	FRIANT-KERN CANAL	76.9		19	(E)-clean and seal cracks in AC covering p-notch at both Abutments	2970	\$5,000	\$15,000	\$20,000	6.73			
4	75	09-035	TRIMMER SPRINGS ROAD	FRESNO CANAL	95.9		13	(E)-remove tree at nose of Pier 2-increasing scour on sides of pier;	4920	\$5,000	\$15,000	\$20,000	4.07			
5	75	09-035	TRIMMER SPRINGS ROAD	FRESNO CANAL	95.9		17	(E)-repair spalled area on Span 3 side of Pier 3, clean and recast affected areas.	4920	\$5,000	\$15,000	\$20,000	4.07			
6	355	09-037	FLUME ROAD	FRESNO CANAL	86.8		17	(E)-repair spalled areas in the soffit of spans 2&3, clean exposed rebars and recast;	1555.58	\$5,000	\$15,000	\$20,000	12.86			
7	355	09-037	FLUME ROAD	FRESNO CANAL	86.8		19	(E)-Protect and solidify root system of oak tree at abutment 5 or remove altogether. If it falls on the bridge, it can cause damage to the structure.	1555.58	\$5,000	\$10,000	\$15,000	9.64			
8	290	09-038	PIEDRA ROAD	FRIANT-KERN CANAL	69.1		1	(N)-remove AC from sliding steel plate over joint at both abutments and install new joint seal;	5850	\$5,000	\$15,000	\$20,000	3.42			
9	290	09-038	PIEDRA ROAD	FRIANT-KERN CANAL	69.1		10	(N)-spot clean and paint steel elements where corrosion is forming; 19(N)-paint timber railings	5850	\$5,000	\$10,000	\$15,000	2.56			
10	277	09-039	PIEDRA ROAD	ROCKWALL CANAL	90.1		12	(N)-replace approach guardrail adjacent to abutment 3	812.5	\$5,000	\$25,000	\$30,000	36.92			
11	68	09-041	PIEDRA ROAD	ALTA MAIN CANAL	95.4		19	(E)-repair cracks in AC approach at both abutments	3872	\$5,000	\$15,000	\$20,000	5.17			
12	252	09-045	TRIMMER SPRINGS ROAD	KINGSBURG CANAL	89.1		19	(e)-clean shoulders of the bridge deck that are covered in leaves and dirt. The retained moisture can eventually deteriorate the concrete and steel of the bridge.	1357.2	\$5,000	\$10,000	\$15,000	11.05			
13	422	09-047	PORTER AVENUE	WAHTOKE CREEK	45.6		13	(E)-take appropriate scour measures; restore eroded embankment at Abutment 1 right and Abutment 2 left, armor slopes	696.8	\$5,000	\$25,000	\$30,000	43.05			
14	348	09-050	QUALITY AVENUE	FOWLER SWITCH CANAL	83.1		13	(E)-impliment scour protection at all footings	1560.9	\$5,000	\$25,000	\$30,000	19.22			
15	308	09-053	CALIFORNIA AVENUE	CENTERVILLE-KINGSBURG CAN	91.3		19	(E)-backfill voids at abutment 1 left	2912	\$1,000	\$5,000	\$6,000	2.06			
16	54	09-060	JENSEN AVENUE (W.B.)	FOWLER SWITCH CANAL	95.7		12	(N)-replace the Abutment 1 left approach guardrail end terminal post;	5217	\$1,000	\$5,000	\$6,000	1.15			
17	54	09-060	JENSEN AVENUE (W.B.)	FOWLER SWITCH CANAL	95.7		13	(E)-scour protection along footings of abutments & piers;	5217	\$5,000	\$25,000	\$30,000	5.75			
18	54	09-060	JENSEN AVENUE (W.B.)	FOWLER SWITCH CANAL	95.7		19	(E)-repair center portion of Abutment 1 showing rock pockets, repair and repatch all affected areas	5217	\$5,000	\$15,000	\$20,000	3.83			
19	350	09-064	DEL REY AVENUE	FOWLER SWITCH CANAL	95.8		13	(E)-scour countermeasures	1638	\$5,000	\$25,000	\$30,000	18.32			
20	352	09-067	NORTH AVENUE	FOWLER SWITCH CANAL	94.2		19	(E)-clean and seal cracks in AC pavement at the approaches	1920	\$5,000	\$15,000	\$20,000	10.42			
21	182	09-071	MC CALL AVENUE	FOWLER SWITCH CANAL	95.4		17	(E)-seal cracks in all 3 barrels;	1036	\$1,000	\$2,500	\$3,500	3.38			
22	182	09-071	MC CALL AVENUE	FOWLER SWITCH CANAL	95.4		19	(E)-repair incipient spalls in headwall in barrels 2 & 3	1036	\$5,000	\$7,500	\$12,500	12.07			
23	178	09-074	AMERICAN AVENUE	FOWLER SWITCH CANAL	72.5		13	(E)-scour protection measures for abutments 1 & 4	1674.4	\$5,000	\$25,000	\$30,000	17.92			
24	445	09-075	LINCOLN AVENUE	FOWLER SWITCH CANAL	95.2		13	(E)-scour protection along footings of abutments and piers;	1428	\$5,000	\$25,000	\$30,000	21.01			
25							19	(E)-repair left wingwall w/ exposed rebar	1428	\$5,000	\$25,000	\$30,000	21.01			

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2015/2016 - Total Estimated Funding Required \$1,302,000.00																
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26	557	09-078	ADAMS AVENUE	FOWLER SWITCH CANAL	75.8		13	(E)-scour countermeasures to bridge foundations;	1552.9	\$5,000	\$25,000	\$30,000	19.32			
27	557	09-078	ADAMS AVENUE	FOWLER SWITCH CANAL	75.8		19	(E)-repair spalls on the inside of right bridge wall, clean exposed rebars and recast; seal deck drains in the pre-widened portion of the deck for proper drainage; repair spalls, clean exposed rebars in soffit of Span 1 & 2	1552.9	\$5,000	\$15,000	\$20,000	12.88			
28	439	09-079	ADAMS AVENUE	CENTERVILLE-KINGSBURG CAN	84.7		13	(E)-scour protection measure for all footings; backfill eroded area at far end of wingwall at Abutment 4 - right;	1575.6	\$5,000	\$25,000	\$30,000	19.04			
29	439	09-079	ADAMS AVENUE	CENTERVILLE-KINGSBURG CAN	84.7		19	(E)-repair spalls with exposed and eroded rebar on south and north sides of Span 1 and the south side of Span 1 at Abutment 1	1575.6	\$5,000	\$15,000	\$20,000	12.69			
30	123	09-080	BETHEL AVENUE	MILL DITCH	96.1		13	(E)-scour protection along the abutment and pier footings	998.2	\$5,000	\$25,000	\$30,000	30.05			
31	440	09-081	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	75		13	(E)-scour countermeasures to protect the foundation of the bridge;	1295	\$5,000	\$25,000	\$30,000	23.17			
32	440	09-081	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	75		19	(E)-remove and repatch spall in wingwall on the west side of Abutment 1; clean and seal cracks in AC pavement for both approaches	1295	\$5,000	\$15,000	\$20,000	15.44			
33	446	09-082	SOUTH AVENUE	FOWLER SWITCH CANAL	60.9		7	(N)-replace rotted and broken timber post, rail, and wheel guard;	1142.4	\$5,000	\$15,000	\$20,000	17.51			
34	446	09-082	SOUTH AVENUE	FOWLER SWITCH CANAL	60.9		4	(N)-replace deteriorated timber bridge rails in Spans 3 & 4;	1142.4	\$5,000	\$25,000	\$30,000	26.26			
35	446	09-082	SOUTH AVENUE	FOWLER SWITCH CANAL	60.9		19	(E)-patch and repair spalls in the soffit of Spans 3&4, and in the face of Abutment 1, recast exposed rebar	1142.4	\$5,000	\$15,000	\$20,000	17.51			
36	558	09-083	SOUTH AVENUE	MILL DITCH	96.9		19	(E)-clean and seal cracks in AC pavement at the approaches	622.6	\$5,000	\$15,000	\$20,000	32.12			
37	442	09-084	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	73.9		12	(N)-replace terminus of the metal beam approach guardrail;	2880	\$5,000	\$15,000	\$20,000	6.94			
38	442	09-084	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	73.9		13	(E)-implement scour protection measures for Pier 2, Pier3, and Abutment 4 footings;	2880	\$5,000	\$25,000	\$30,000	10.42			
39	442	09-084	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	73.9		19	(E)-repair spalls on Span 2 side of Pier 2, and in edge of deck at Abutment 4-right; clean and recast exposed rebar; clean and seal cracks in AC pavement at the approaches	2880	\$5,000	\$15,000	\$20,000	6.94			
40	38	09-085	MANNING AVENUE	FOWLER SWITCH CANAL	80.4		13	(E)-impliment scour protection at all footings; 19(E)-repair spall with exposed and rusted rebar at the south face of Pier 2, clean and recast affected area	3888	\$5,000	\$25,000	\$30,000	7.72			
41	443	09-089	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	87.3		13	(E)-implement scour protection measures Pier 2, Pier 3 and Abutment 1 footings;	1904	\$5,000	\$25,000	\$30,000	15.76			
42	443	09-089	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	87.3		19	(E)-clean out and seal cracks in the AC pavement at both approaches; repair roadway approach adjacent to p-notch of Abutment 1	1904	\$5,000	\$15,000	\$20,000	10.50			
43	447	09-091	LEONARD AVENUE	FOWLER SWITCH CANAL	85.3		12	(N)-replace terminal end guard rail on east side of both abutments;	1254	\$5,000	\$25,000	\$30,000	23.92			
44	447	09-091	LEONARD AVENUE	FOWLER SWITCH CANAL	85.3		13	(E)-implement scour protection for the abutment and pier footings;	1254	\$5,000	\$25,000	\$30,000	23.92			
45	447	09-091	LEONARD AVENUE	FOWLER SWITCH CANAL	85.3		19	(E)-clean out and seal cracks in AC pavement at both approaches; bring Abutment 4 AC approach up to grade	1254	\$5,000	\$15,000	\$20,000	15.95			
46	90	09-092	GOLDEN STATE BOULEVARD	FOWLER SWITCH CANAL	71.8		13	(E)-scour mitigation;	4472	\$5,000	\$25,000	\$30,000	6.71			
47	90	09-092	GOLDEN STATE BOULEVARD	FOWLER SWITCH CANAL	71.8		19	(E)repair spalling on Girder 6 and other girders from 1912; seal crack in Abutment 1 northbound approach AC; seal 1934 construction joint	4472	\$5,000	\$15,000	\$20,000	4.47			
48	247	09-095	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	95.5		12	(N)-replace north bridge rail, adjacent to weir;	1400	\$5,000	\$8,000	\$13,000	9.29			

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49	247	09-095	ACADEMY AVENUE	KINGSBURG BRANCH CANAL	95.5		19	(E)-clean and seal cracks in the approach roadway	1400	\$5,000	\$15,000	\$20,000	14.29
50	444	09-096	HUNTSMAN AVENUE	KINGSBURG BRANCH CANAL	89.7		13	(E)-backfill eroded area at the far end of wingwall at Abutment 1-left; scour mitigation	741.4	\$1,000	\$5,000	\$6,000	8.09
51	43	09-100	SMITH AVENUE	CENTERVILLE-KINGSBURG CAN	75.7		7	(N)-replace Stringer 1 in Span 2 and replace Stringers 28 and 30 in Span 2;	1148	\$5,000	\$10,000	\$15,000	13.07
52	43	09-100	SMITH AVENUE	CENTERVILLE-KINGSBURG CAN	75.7		13	(E)-implement scour protection measures for the footings of the pier and abutments	1148	\$5,000	\$25,000	\$30,000	26.13
53	351	09-102	ANNADALE AVENUE	FOWLER SWITCH CANAL	96.9		19	(E)-clean and seal cracks in AC pavement at the eastern approach	1428	\$5,000	\$15,000	\$20,000	14.01
54	614	09-107	TRIMMER SPRINGS ROAD	HOLLAND CREEK	97		2	(N)-methacrylate deck treatment;	2393.43	\$5,000	\$25,000	\$30,000	12.53
55	614	09-107	TRIMMER SPRINGS ROAD	HOLLAND CREEK	97		19	(E)-remove dirt and vegation from joint seal at both abutments	2393.43	\$5,000	\$15,000	\$20,000	8.36
56	609	09-108	CLOVIS AVENUE	GOLDEN STATE BLVD	99		2	(N)-methacrylate deck treatment for southbound roadway only;	37636.39	\$5,000	\$25,000	\$30,000	0.80
57	609	09-108	CLOVIS AVENUE	GOLDEN STATE BLVD	99		19	(E)-provide joint fillers in left and right sidewalk at Abutment 5	37636.39	\$5,000	\$15,000	\$20,000	0.53
58	637	09-110	CHESTNUT AVENUE	GOLDEN STATE BLVD	98		2	(N)-methacrylate deck treatment	37462.83	\$5,000	\$25,000	\$30,000	0.80
										\$269,000	\$1,008,000	<b>\$1,302,000</b>	

THE FOLLOWING ARE SPECIFIC WORK ITEMS ELIGIBLE FOR HBP REIMBURSEMENT UNDER PREVENTATIVE MAINTENANCE:

WORK CODES:

- 1 EXPANSION JOINT SEAL AND ASSEMBLY REPLACEMENT
- 2 METHACRYALTE DECK TREATMENT
- 3 POLYESTER CONCRETE OVERLAY OR SIMILAR PROTECTIVE DECK OVERLAYS
- 4 DECK AC REPLACEMENT/NEW INSTALLATION
- 5 RESTORE/REPLACE EXISTING BEARINGS OR BEARING SUPPORTS
- 6 REPAIR/RESTORE/STRENGTHEN OF BEAMS, PIERS, AND END CAPS TO REDUCE THE NEED FOR BRIDGE WEIGHT LIMIT POSTING, MITIGATE FURTHER FATIGUE DAMAGE.
- 7 REPAIR/SUPPLEMENT/REPLACE TIMBER STRUCTURAL ELEMENTS SUCH AS TIMBER DECKING AND STRINGERS.
- 8 REPAIR/REPLACE OF MOVABLE BRIDGE MECHANICAL/ELECTRICAL COMPONENTS
- 9 RETROFIT REPAIRS TO FATIGUE PRONE DETAILS OF STEEL GIRDERS
- 10 SPOT PAINTING OF STRUCTURAL STEEL ELEMENTS WHERE THE PAINT CONDITION INDEX (PCI) IS GREATER THAN 65
- 11 REHABILITATION/NEW INSTALLATION OF DECK DRAINAGE ELEMENTS
- 12 REPLACEMENT OF DETERIORATED BRIDGE RAILINGS DUE TO ENVIRONMENTAL CONDITIONS
- 13 EMBANKMENT EROSION CONTROL AND REPAIR OF EXISTING SCOUR COUNTERMEASURES TO PROTECT THE STRUCTURAL INTEGRITY OF THE BRIDGE.
- 14 APPROACH SLAB REHABILITATION/REPLACEMENT AND NEW INSTALLATION BASED EXTENSIVE MAINTENANCE HISTORY
- 15 ALKALI-SILICA-REACTIVE AGGREGATE MITIGATION
- 16 CORROSION MANAGEMENT SYSTEMS
- 17 FRACTURE CRITICAL ELEMENT REPLACEMENT/REHABILITATION
- 18 DEVELOPMENT OF BRIDGE PREVENTATIVE MAINTENANCE PLANS (BPMP)
- 19 OTHER CASE BY CASE BASIS TYPE OF WORKS THAT MEET PREVENTATIVE MAINTENANCE OBJECTIVES; NEED TO CONTACT DLAE FOR ASSISTANCE.

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2016/2017 - Total Estimated Funding Required \$1,681,500.00															
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1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE LIST				\$25,000			
2	356	10-016	ANNADALE AVENUE	BYRD SLOUGH	77.6		14	Seal Cracks In Approach AC	2632	\$5,000	\$15,000	\$20,000	7.60		
3	285	10-019	JENSEN AVENUE	FRIANT-KERN CANAL	94.9		19	(E) Remove All Unsound Concrete From Abutments & Recast	2880	\$5,000	\$15,000	\$20,000	6.94		
4	285	10-019	JENSEN AVENUE	FRIANT-KERN CANAL	94.9		1	(E) Replace Expansion Joint	2880	\$5,000	\$25,000	\$30,000	10.42		
5	255	10-022	ANNADALE AVENUE	CENTERVILLE-KINGSBURG CAN	94.8		2	(E) Methacrylate	3855	\$5,000	\$25,000	\$30,000	7.78		
6	255	10-022	ANNADALE AVENUE	CENTERVILLE-KINGSBURG CAN	94.8		14	(E) Repave approaches	3855	\$5,000	\$25,000	\$30,000	7.78		
7	255	10-022	ANNADALE AVENUE	CENTERVILLE-KINGSBURG CAN	94.8		12	Repair Delapidated Rails	3855	\$5,000	\$25,000	\$30,000	7.78		
8	255	10-022	ANNADALE AVENUE	CENTERVILLE-KINGSBURG CAN	94.8		19	(E) Remove All Unsound Concrete From Abutments & Recast	3855	\$5,000	\$15,000	\$20,000	5.19		
9	349	10-023	ANNADALE AVENUE	KINGS RIVER	84		13	(N) Place Scour Protection	9920	\$5,000	\$25,000	\$30,000	3.02		
10	349	10-023	ANNADALE AVENUE	KINGS RIVER	84		1	(E) Replace Expansion Joint	9920	\$5,000	\$25,000	\$30,000	3.02		
11	349	10-023	ANNADALE AVENUE	KINGS RIVER	84		7	(E) Repalce Exterior Girders	9920	\$5,000	\$15,000	\$20,000	2.02		
12	273	10-024	DUNLAP ROAD	MILL CREEK	36		13	(N) Place Scour Protection	1094.4	\$5,000	\$25,000	\$30,000	27.41		
13	286	10-025	EDGAR AVENUE	FRIANT-KERN CANAL	97		1	(E) Replace Expansion Joint	3000	\$5,000	\$25,000	\$30,000	10.00		
14	478	10-026	DUNLAP ROAD	MILL CREEK	79		13	(N) Place Scour Protection	664.4	\$5,000	\$25,000	\$30,000	45.15		
15	99	10-030	ENNIS ROAD	SAND CREEK	49.1		2	(E) Methacrylate	725.4	\$5,000	\$25,000	\$30,000	41.36		
16	99	10-030	ENNIS ROAD	SAND CREEK	49.1		7	(E) Repalce Exterior Girders/Stringers	725.4	\$5,000	\$15,000	\$20,000	27.57		
17	501	10-031	URSY AVENUE	ALTA MAIN CANAL	91.1		13	(N) Place Scour Protection	2772	\$5,000	\$25,000	\$30,000	10.82		
18	564	10-033	CENTRAL AVENUE	CENTERVILLE-KINGSBURG CAN	81.3		13	(N) Place Scour Protection	2073.6	\$5,000	\$25,000	\$30,000	14.47		
19	564	10-033	CENTRAL AVENUE	CENTERVILLE-KINGSBURG CAN	81.3		2	(E) Methacrylate	2073.6	\$5,000	\$25,000	\$30,000	14.47		
20	283	10-035	CENTRAL AVENUE	FRIANT-KERN CANAL	89.7		19	(E) Remove All Unsound Concrete From Abutments & Recast	4776	\$5,000	\$15,000	\$20,000	4.19		
21	283	10-035	CENTRAL AVENUE	FRIANT-KERN CANAL	89.7		1	(E) Replace Expansion Joint	4776	\$5,000	\$15,000	\$20,000	4.19		
22	2	10-039	GOODFELLOW AVENUE	KINGS RIVER	47.4		13	(N) Place Scour Protection	10700	\$5,000	\$25,000	\$30,000	2.80		
23	2	10-039	GOODFELLOW AVENUE	KINGS RIVER	47.4		2	(E) Methacrylate	10700	\$5,000	\$25,000	\$30,000	2.80		
24	2	10-039	GOODFELLOW AVENUE	KINGS RIVER	47.4		19	(E) Re-Paint Bridge Railings	10700	\$5,000	\$15,000	\$20,000	1.87		
25	2	10-039	GOODFELLOW AVENUE	KINGS RIVER	47.4		1	(E) Replace Expansion Joint	10700	\$5,000	\$14,000	\$19,000	1.78		
26	7	10-040	GOODFELLOW AVENUE	CAMERON SLOUGH	96.4		19	Clean Out and Seal Paving Notches	3680	\$5,000	\$15,000	\$20,000	5.43		
27	8	10-041	GOODFELLOW AVENUE	KINGS RIVER SLOUGH	62		19	Clean Out and Seal AC Deck Paving	3240	\$5,000	\$15,000	\$20,000	6.17		
28	8	10-041	GOODFELLOW AVENUE	KINGS RIVER SLOUGH	62		7	(E) Rep[alce Posts	3240	\$5,000	\$15,000	\$20,000	6.17		
29	412	10-043	NAVELENCIA AVENUE	ALTA EAST BRANCH CANAL	94.2		13	(N) Place Scour Protection	2329.57	\$5,000	\$25,000	\$30,000	12.88		
30	561	10-047	AMERICAN AVENUE	BUTTONWILLOW DITCH	75.1		13	(N) Place Scour Protection	719.4	\$5,000	\$25,000	\$30,000	41.70		
31	562	10-056	JEFFERSON AVENUE	TRAVERS CREEK	84.8		13	(N) Place Scour Protection	491.4	\$5,000	\$25,000	\$30,000	61.05		
32	411	10-057	JEFFERSON AVENUE	ALTA EAST BRANCH CANAL	89.7		19	(E) Remove All Unsound Concrete From Abutments & Recast	1559.6	\$5,000	\$15,000	\$20,000	12.82		
33	411	10-057	JEFFERSON AVENUE	ALTA EAST BRANCH CANAL	89.7		14	Seal Cracks In Approach AC	1559.6	\$5,000	\$15,000	\$20,000	12.82		

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34	305	10-059	FANTZ AVENUE	SMITH-FERRY CANAL	90.1		19	(E) Clean Out Crack and Reseal Carcks in AC Deck	616	\$5,000	\$15,000	\$20,000	32.47		
35	437	10-060	LINCOLN AVENUE	CENTERVILLE-KINGSBURG CAN	76.3		13	(N) Place Scour Protection	840	\$5,000	\$25,000	\$30,000	35.71		
36	430	10-061	LINCOLN AVENUE	COLE SLOUGH	80.1		13	(N) Place Scour Protection	960	\$5,000	\$25,000	\$30,000	31.25		
37	502	10-062	LINCOLN AVENUE	WAHTOKE CREEK	77.7		19	(E) Remove All Unsound Concrete From Abutments & Recast	936	\$5,000	\$15,000	\$20,000	21.37		
38	502	10-062	LINCOLN AVENUE	WAHTOKE CREEK	77.7		7	(E) Repalce Exterior Girders/Stringers	936	\$5,000	\$15,000	\$20,000	21.37		
39	413	10-065	LINCOLN AVENUE	TRAVERS CREEK	38.4		7	(E) Repalce Exterior Girders/Stringers	504	\$5,000	\$15,000	\$20,000	39.68		
40	413	10-065	LINCOLN AVENUE	TRAVERS CREEK	38.4		19	(E) Remove All Unsound Concrete From Abutments & Recast	504	\$5,000	\$15,000	\$20,000	39.68		
41	413	10-065	LINCOLN AVENUE	TRAVERS CREEK	38.4		13	(N) Place Scour Protection	504	\$5,000	\$25,000	\$30,000	59.52		
42	522	10-069	CLAYTON AVENUE	TRAVERS CREEK	45.4		10	(E) Spot Painting	1099.8	\$5,000	\$15,000	\$20,000	18.19		
43	420	10-071	FRANKWOOD AVENUE	WAHTOKE CREEK	85.3		13	(N) Place Scour Protection	1484	\$5,000	\$25,000	\$30,000	20.22		
44	431	10-072	ADAMS AVENUE	COLE SLOUGH	48.6		19	(E) Remove All Unsound Concrete From Abutments & Recast	761.4	\$5,000	\$15,000	\$20,000	26.27		
45	431	10-072	ADAMS AVENUE	COLE SLOUGH	48.6		13	(N) Place Scour Protection	761.4	\$5,000	\$25,000	\$30,000	39.40		
46	434	10-073	ADAMS AVENUE	SMITH-FERRY CANAL	95.6		13	(N) Place Scour Protection	1221	\$5,000	\$25,000	\$30,000	24.57		
47	410	10-077	ADAMS AVENUE	ALTA EAST BRANCH CANAL	65.3		19	(E) Remove All Unsound Concrete From Abutments & Recast	1720.2	\$5,000	\$15,000	\$20,000	11.63		
48	622	10-078	LINCOLN AVENUE	SMITH-FERRY CANAL	74.7		13	(N) Place Scour Protection	877.23	\$5,000	\$25,000	\$30,000	34.20		
49	432	10-081	NEWMARK AVENUE	COLE SLOUGH	96.6		14	Seal Cracks In Approach AC	1682	\$5,000	\$15,000	\$20,000	11.89		
50	409	10-083	SUMNER AVENUE	ALTA EAST BRANCH CANAL	83.1		19	(E) Remove All Unsound Concrete From Abutments & Recast	1390.72	\$5,000	\$15,000	\$20,000	14.38		
51	441	10-088	SOUTH AVENUE	KINGSBURG BRANCH CANAL	60.3		13	(N) Place Scour Protection	864	\$5,000	\$25,000	\$30,000	34.72		
52	416	10-091	SOUTH AVENUE	TRAVERS CREEK	88.3		13	(N) Place Scour Protection	700	\$5,000	\$25,000	\$30,000	42.86		
53	424	10-092	SOUTH AVENUE	CALIFORNIA VINEYARD DITCH	69.8		19	(E) Remove All Unsound Concrete From Abutments & Recast	578.2	\$5,000	\$25,000	\$30,000	51.89		
54	424	10-092	SOUTH AVENUE	CALIFORNIA VINEYARD DITCH	69.8		13	(N) Place Scour Protection	578.2	\$5,000	\$25,000	\$30,000	51.89		
55	563	10-095	CRAWFORD AVENUE	VINEYARD DITCH	56.5		13	(N) Place Scour Protection	472.5	\$5,000	\$25,000	\$30,000	63.49		

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2016/2017 - Total Estimated Funding Required \$1,681,500.00													
Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft <sup>2</sup> )	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft <sup>2</sup> )
56	563	10-095	CRAWFORD AVENUE	VINEYARD DITCH	56.5		19	(E) Remove All Unsound Concrete From Abutments & Recast	472.5	\$5,000	\$25,000	\$30,000	63.49
57	407	10-096	HILL AVENUE	ALTA EAST BRANCH CANAL	77.3		13	(N) Place Scour Protection	3465.28	\$5,000	\$25,000	\$30,000	8.66
58	407	10-096	HILL AVENUE	ALTA EAST BRANCH CANAL	77.3		19	(E) Remove All Unsound Concrete From Abutments & Recast	3465.8	\$5,000	\$15,000	\$20,000	5.77
59	433	10-097	PARLIER AVENUE	COLE SLOUGH	95.8		19	(E) Repair Cracks At Abutment 1 and 3	627.2	\$5,000	\$15,000	\$20,000	31.89
60	417	10-099	PARLIER AVENUE	TRAVERS CREEK	51.4		13	(N) Place Scour Protection	632.2	\$5,000	\$25,000	\$30,000	47.45
61	176	10-104	MANNING AVENUE	EAST BRANCH CANAL	76.5		13	(N) Place Scour Protection	1456	\$5,000	\$25,000	\$30,000	20.60
62	176	10-104	MANNING AVENUE	EAST BRANCH CANAL	76.5		19	(E) Remove All Unsound Concrete From Abutments & Recast	1456	\$5,000	\$15,000	\$20,000	13.74
63	81	10-108	DINUBA AVENUE	TRAVERS CREEK	91.1		13	(N) Place Scour Protection	994	\$5,000	\$25,000	\$30,000	30.18
64	81	10-108	DINUBA AVENUE	TRAVERS CREEK	91.1		19	(E) Remove All Unsound Concrete From Abutments & Recast	994	\$5,000	\$15,000	\$20,000	20.12
65	419	10-111	HUNTSMAN AVENUE	TRAVERS CREEK	68.7		10	(E) Spot Painting	714.56	\$5,000	\$15,000	\$20,000	27.99
66	81	10-108	DINUBA AVENUE	TRAVERS CREEK	91.1		14	Seal Cracks In Approach AC	714.56	\$5,000	\$15,000	\$20,000	27.99
67	556	10-116	STROUD AVENUE	COLE SLOUGH	69.7		13	(N) Place Scour Protection	400	\$5,000	\$2,500	\$7,500	18.75
										\$330,000	\$1,326,500	<b>\$1,681,500</b>	

THE FOLLOWING ARE SPECIFIC WORK ITEMS ELIGIBLE FOR HBP REIMBURSEMENT UNDER PREVENTATIVE MAINTENANCE:

**WORK CODES:**

- 1 EXPANSION JOINT SEAL AND ASSEMBLY REPLACEMENT
- 2 METHACRYALTE DECK TREATMENT
- 3 POLYESTER CONCRETE OVERLAY OR SIMILAR PROTECTIVE DECK OVERLAYS
- 4 DECK AC REPLACEMENT/NEW INSTALLATION
- 5 RESTORE/REPLACE EXISTING BEARINGS OR BEARING SUPPORTS
- 6 REPAIR/RESTORE/STRENGTHEN OF BEAMS, PIERS, AND END CAPS TO REDUCE THE NEED FOR BRIDGE WEIGHT LIMIT POSTING, MITIGATE FURTHER FATIGUE DAMAGE.
- 7 REPAIR/SUPPLEMENT/REPLACE TIMBER STRUCTURAL ELEMENTS SUCH AS TIMBER DECKING AND STRINGERS.
- 8 REPAIR/REPLACE OF MOVABLE BRIDGE MECHANICAL/ELECTRICAL COMPONENTS
- 9 RETROFIT REPAIRS TO FATIGUE PRONE DETAILS OF STEEL GIRDERS
- 10 SPOT PAINTING OF STRUCTURAL STEEL ELEMENTS WHERE THE PAINT CONDITION INDEX (PCI) IS GREATER THAN 65
- 11 REHABILITATION/NEW INSTALLATION OF DECK DRAINAGE ELEMENTS
- 12 REPLACEMENT OF DETERIORATED BRIDGE RAILINGS DUE TO ENVIRONMENTAL CONDITIONS
- 13 EMBANKMENT EROSION CONTROL AND REPAIR OF EXISTING SCOUR COUNTERMEASURES TO PROTECT THE STRUCTURAL INTEGRITY OF THE BRIDGE.
- 14 APPROACH SLAB REHABILITATION/REPLACEMENT AND NEW INSTALLATION BASED EXTENSIVE MAINTENANCE HISTORY
- 15 ALKALI-SILICA-REACTIVE AGGREGATE MITIGATION
- 16 CORROSION MANAGEMENT SYSTEMS
- 17 FRACTURE CRITICAL ELEMENT REPLACEMENT/REHABILITATION
- 18 DEVELOPMENT OF BRIDGE PREVENTATIVE MAINTENANCE PLANS (BPMP)
- 19 OTHER CASE BY CASE BASIS TYPE OF WORKS THAT MEET PREVENTATIVE MAINTENANCE OBJECTIVES; NEED TO CONTACT DLAE FOR ASSISTANCE.

County of Fresno Candidates for BPMP Funding - Federal Fiscal Year 2017/2018 - Total Estimated Funding Required \$810,000.00													
Priority	CT Bridge Number	Local Bridge Number	Facility Carried	Feature Intersected	S/R	SD/FO Status	Work Codes	Work Description	Deck Area (Ft²)	PE Costs	Const. Cost	Total Cost	Unit Cost (\$/Ft²)
1							18	ANNUAL DEVELOPMENT & MAINTENANCE OF BPMP BRIDGE LIST				\$25,000	
2	64	11-001	HUNTINGTON LAKE ROAD	BIG CREEK	99.4		19	Repair Incipient Spalls	6804	\$5,000	\$10,000	\$15,000	2.20
3	64	11-001	HUNTINGTON LAKE ROAD	BIG CREEK	99.4		14	Seal Cracks In Approach AC	6804	\$5,000	\$15,000	\$20,000	2.94
4	64	11-001	HUNTINGTON LAKE ROAD	BIG CREEK	99.4		16	Apply Corrosion Protection System	6804	\$5,000	\$15,000	\$20,000	2.94
5	63	11-002	HUNTINGTON LAKE ROAD	PITTMAN CREEK	79.8		14	Clean -0 Fill & Seal Cracks In Approach AC	932	\$5,000	\$15,000	\$20,000	21.46
6	62	11-003	HUNTINGTON LAKE ROAD	BALSAM CREEK			19	Repair Spalling on Deck Surface	1400	\$5,000	\$15,000	\$20,000	14.29
7	3	11-005	POWERHOUSE ROAD	SAN JOAQUIN RIVER	97.6		19	Clean & Fill Gaps At Abutment 1	5664	\$5,000	\$15,000	\$20,000	3.53
8	263	11-007	JOSE BASIN ROAD	JOSE CREEK	94.1		13	(N) Place Scour Protection	3164	\$5,000	\$25,000	\$30,000	9.48
9	263	11-007	JOSE BASIN ROAD	JOSE CREEK	94.1		19	Clean Out and Seal Paving Notches	3146	\$5,000	\$15,000	\$20,000	6.36
10	264	11-008	JOSE BASIN ROAD	BALD MILL CREEK	70.1		6	(E) Install 10x10 At Base Of Approach Rails	1764	\$5,000	\$15,000	\$20,000	11.34
11	264	11-008	JOSE BASIN ROAD	BALD MILL CREEK	70.1		12	(E) Replace Rotted Timber Railing	1764	\$5,000	\$15,000	\$20,000	11.34
12	264	11-008	JOSE BASIN ROAD	BALD MILL CREEK	70.1		19	(E) Clean Debris From Deck Joints Direct Stormwater Runoff Away From Abutments	1764	\$5,000	\$15,000	\$20,000	11.34
13	264	11-008	JOSE BASIN ROAD	BALD MILL CREEK	70.1		10	(E) Clean & Paint Steel Elements to Prevent Further Corrosion	1764	\$5,000	\$15,000	\$20,000	11.34
14	135	11-019	LODGE ROAD	BIG SANDY CREEK	89.3		13	(N) Place Scour Protection	1040	\$5,000	\$25,000	\$30,000	28.85
15	243	11-024	TOLLHOUSE ROAD	BIG DRY CREEK	70.3		12	(E) Replace Deteriorate Rails & Wheelguards	1614.7	\$5,000	\$15,000	\$20,000	12.39
16	243	11-024	TOLLHOUSE ROAD	BIG DRY CREEK	70.3		13	(E) Correct Erosion Condition @ Abutment 5	1614.7	\$5,000	\$15,000	\$20,000	12.39
17	243	11-024	TOLLHOUSE ROAD	BIG DRY CREEK	70.3		13	(N) Place Scour Protection @ Pier 2	1614.7	\$5,000	\$25,000	\$30,000	18.58
18	134	11-027	BURROUGH VALLEY ROAD	DRY CREEK	54.5		14	(E) Clean & Seal Cracks in Approach Slabs	1495	\$5,000	\$15,000	\$20,000	13.38
19	134	11-027	BURROUGH VALLEY ROAD	DRY CREEK	54.5		13	(N) Fill Scour Hole	1495	\$5,000	\$15,000	\$20,000	13.38
20	624	11-038	SYCAMORE ROAD	LITTLE DRY CREEK	92.1		13	(N) Install Scour Protection @ Abutments	331.7	\$5,000	\$25,000	\$30,000	90.44
21	268	11-039	MILLERTON ROAD	LITTLE DRY CREEK	76.9		13	(N) Install Scour Protection @ Abutments	696.8	\$5,000	\$25,000	\$30,000	43.05
22	268	11-039	MILLERTON ROAD	LITTLE DRY CREEK	76.9		19	Clean Out and Seal Cracks In Deck	696.8	\$5,000	\$15,000	\$20,000	28.70
23	241	11-040	TOLLHOUSE ROAD	BIG DRY CREEK	65.3		14	(E) Clean & Seal Cracks in Approach Slabs	1669.8	\$5,000	\$15,000	\$20,000	11.98
24	241	11-040	TOLLHOUSE ROAD	BIG DRY CREEK	65.3		19	Clean Exposed Rebar & Cover With Approved Coating	1669.8	\$5,000	\$15,000	\$20,000	11.98

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25	238	11-041	TOLLHOUSE ROAD	BIG DRY CREEK	94.6		14	(E) Clean & Seal Cracks in Approach Slabs	1913.6	\$5,000	\$15,000	\$20,000	10.45
26	238	11-041	TOLLHOUSE ROAD	BIG DRY CREEK	94.6		13	(N) Install Scour Protection@ Abutments	1913.6	\$5,000	\$25,000	\$30,000	15.68
27	240	11-042	TOLLHOUSE ROAD	BIG DRY CREEK	52.7		13	(N) Install Scour Protection@ Abutments	1614.7	\$5,000	\$25,000	\$30,000	18.58
28	623	11-046	WATTS VALLEY ROAD	WATTS CREEK	99.5		13	(N) Install Scour Protection@ Abutments	477.4	\$5,000	\$25,000	\$30,000	62.84
29	0	11-047	MAXON ROAD	NO NAME DITCH	89.6		13	(N) Install Scour Protection@ Abutments	438.7	\$5,000	\$25,000	\$30,000	68.38
30	0	11-048	MAXON ROAD	WATTS CREEK	96		13	(N) Install Scour Protection@ Abutments	784	\$5,000	\$25,000	\$30,000	38.27
31	317	11-049	WATTS VALLEY ROAD	WATTS CREEK	61.9		4	(E) Clean & Clean AC Deck Cracks	348.3	\$5,000	\$25,000	\$30,000	86.13
32	132	11-050	MAXON ROAD	WATTS CREEK	74.2		13	(N) Install Scour Protection@ Abutments	1608	\$5,000	\$25,000	\$30,000	18.66
33	132	11-050	MAXON ROAD	WATTS CREEK	74.2		14	(E) Clean & Seal Cracks in Approach Slabs	1608	\$5,000	\$15,000	\$20,000	12.44
34	314	11-053	WATTS VALLEY ROAD	FANCHER CREEK	84.5		13	(N) Install Scour Protection@ Abutments	344.4	\$5,000	\$25,000	\$30,000	87.11
										\$165,000	\$620,000	<b>\$810,000</b>	

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