

Updated Bridge Preventive Maintenance Program (2018)
MARIPOSA COUNTY

| Priority | County Location | Implementing Agency | Bridge Number | Local Agency Bridge ID | Lat/Long | Facility Carried | Feature Intersected | Location | SR | SD/FD Status | Work Description | Deck Area (ft ²) | Total Particp. Cost | Total PE Phase Cost | PE Design Phase Cost | PE Enviro. Phase Cost | CON Phase Cost | Unit Cost (\$/ft ²) | Federal Share | Environmental Cost Group (1=high, 2= low, 3=none) |
|----------|-----------------|---------------------|--------------------------|------------------------|-------------------------------|-------------------|-------------------------|----------------------------|------|--------------|---|------------------------------|---------------------|---------------------|----------------------|-----------------------|--------------------|---------------------------------|--------------------|---|
| 2 | Mariposa | Mariposa County | 40C0028 | 40C0028 | 37°26'02.0"N 120°00'10.0"W | Ben Hur Road | Chapman Creek | 3.5 mi N Preston Road | 83.3 | | Methacrylate Sealer for Concrete Slab Deck, Scour Repair at Bent and Abutments | 2,195.84 | \$77,000 | \$42,000 | \$10,000 | \$32,000 | \$35,000 | \$ 15.94 | \$88,188 | 1 |
| 3 | Mariposa | Mariposa County | 40C0022 | 40C0022 | 37°45'43.0"N 120°02'56.0"W | Buck Meadows Rd | Moore Creek | 1.2 mi N/O Grayley Hill Rd | 70.6 | | Methacrylate Sealer for Concrete Deck, Crack and Spall Repair of substructure and Soffit, Scour countermeasure repair. | 1,955.80 | \$83,000 | \$43,000 | \$11,000 | \$32,000 | \$40,000 | \$ 20.45 | \$73,480 | 1 |
| 4 | Mariposa | Mariposa County | 40C0030 | 40C0030 | 37°33'50.0"N 118°58'24.0"W | Colorado Road | Bear Creek | State Hwy 140 | 87.0 | | Methacrylate Sealer for Concrete Slab Deck, Scour Repair at Pier 3 | 2,195.84 | \$73,000 | \$42,000 | \$10,000 | \$32,000 | \$31,000 | \$ 14.12 | \$84,827 | 1 |
| 5 | Mariposa | Mariposa County | 40C0063 | 40C0063 | 37°19'55.0"N 120°02'49.0"W | White Rock Road | Deadman Creek | 0.6 mi W Westfall Rd | 85.0 | | With the recent high flows and with no additional scour this item could be dropped and watched for changes in future BIRs. | 559.72 | \$56,000 | \$35,000 | \$5,000 | \$30,000 | \$21,000 | \$ 37.52 | \$49,577 | 1 |
| 6 | Mariposa | Mariposa County | 40C0058 | 40C0058 | 37°24'25.0"N 120°07'22.0"W | Old Highway | Owens Creek | 0.3 mi E of SR 140 | 82.9 | | Crack and spall repair of Substructure and wingwalls. | 904.17 | \$110,000 | \$42,000 | \$10,000 | \$32,000 | \$88,000 | \$ 75.21 | \$97,383 | 1 |
| 7 | Mariposa | Mariposa County | 40C0043 | 40C0043 | 37°42'25.0"N 118°58'51.0"W | Bull Creek Road | Bull Creek | 4.5 mi SE Old Yosemite Rd | 26.3 | SD | Spall Repair of Substructure, Bridge Deck and Wingwall; Crack Repair of Substructure; Scour Repair of Bent 2 | 1,234.62 | \$155,000 | \$40,000 | \$10,000 | \$30,000 | \$115,000 | \$ 93.15 | \$137,222 | 1 |
| 8 | Mariposa | Mariposa County | 40C0051 | 40C0051 | 37°30'38.0"N 118°57'37.0"W | Slaughterhouse Rd | Stockton Creek | 0.2 mi E of SR 140 | 57.5 | SD | Scour Protection of Abutments, Spall Repair of Abutments | 413.33 | \$83,000 | \$43,000 | \$11,000 | \$32,000 | \$20,000 | \$ 48.39 | \$55,774 | 1 |
| 9 | Mariposa | Mariposa County | 40C0026 | 40C0026 | 37°32'31.0"N 120°11'52.0"W | Bear Valley Road | No Name Creek | 4.4 mi NE Hornitos Rd | 67.6 | | Crack Repair of Substructure | 680.28 | \$82,000 | \$42,000 | \$10,000 | \$32,000 | \$40,000 | \$ 58.80 | \$72,595 | 1 |
| 10 | Mariposa | Mariposa County | 40C0006 | 40C0006 | 37°26'40.0"N 120°08'46.0"W | Hornitos Road | Bear Creek | 3.6 mi N of SR 140 | 70.4 | | Replace Timber Bridge Rail Posts, Scour Repair at Abutment 1 and 3 Wingwalls, Crack Repair at Soffit and Pier 2. | 1,153.89 | \$88,000 | \$45,000 | \$13,000 | \$32,000 | \$43,000 | \$ 37.27 | \$77,808 | 1 |
| 11 | Mariposa | Mariposa County | 40C0023 | 40C0023 | 37°31'12.0"N 120°13'37.0"W | Bear Valley Road | Burns Creek | 2.2 mi NE Hornitos Rd | 96.1 | | Provide adequate scour protection along both abutments and wingwalls to prevent further undermining. | 850.35 | \$60,000 | \$35,000 | \$5,000 | \$30,000 | \$25,000 | \$ 28.40 | \$53,118 | 1 |
| 12 | Mariposa | Mariposa County | 40C0034 | 40C0034 | 37°31'01.0"N 118°50'13.0"W | Triangle Road | Snow Creek | 0.1 mi W Darrah Rd | 48.9 | SD | Spall Repair of the Substructure and Soffit, Crack Repair of the Substructure, Replacement of Bearings, Clean/Replace Expansion Joints. | 1,801.88 | \$363,000 | \$20,000 | \$5,000 | \$15,000 | \$343,000 | \$ 190.38 | \$321,364 | 1 |
| 13 | Mariposa | Mariposa County | 40C0021 | 40C0021 | 37°45'07.0"N 120°02'34.0"W | Buck Meadows Rd | Jordan Creek | 0.1 mi N/O Grayley Hill Rd | 90.8 | | Provide polyurea concrete overlay with 25-ft of HMA approach paving at each approach. | 850.35 | \$90,000 | \$3,000 | \$3,000 | \$0 | \$87,000 | \$ 102.31 | \$79,877 | 3 |
| 14 | Mariposa | Mariposa County | 40C0027 | 40C0027 | 37°32'45.0"N 120°11'20.0"W | Bear Valley Road | Burns Creek | 5.3 mi NE Hornitos Rd | 87.6 | | Crack Repair of Substructure | 680.28 | \$37,518 | \$24,518 | \$7,000 | \$17,518 | \$13,000 | \$ 19.11 | \$33,215 | 2 |
| 15 | Mariposa | Mariposa County | 40C0041 | 40C0041 | 37°23'31.0"N 118°50'09.0"W | Indian Peak Road | M Fork Chowchilla River | 2.5 mi N/O Madera Co. Line | 86.2 | | Crack Repair of Superstructure | 2,042.99 | \$48,000 | \$20,000 | \$5,000 | \$15,000 | \$28,000 | \$ 12.73 | \$40,724 | 2 |
| 16 | Mariposa | Mariposa County | 40C0015 | 40C0015 | 37°30'00.0"N 120°14'20.0"W | Hornitos Road | Burns Creek | 0.05 mi W Bear Valley Rd | 75.5 | | Crack repair of Substructure | 1,571.53 | \$65,752 | \$8,752 | \$5,000 | \$1,752 | \$59,000 | \$ 37.54 | \$58,210 | 2 |
| 17 | Mariposa | Mariposa County | 40C0017 | 40C0017 | 37°45'14.0"N 120°09'25.0"W | Grayley Hill Road | Smith Creek | 1.7 mi N/O Hotseat Rd | 68.1 | | Crack repair of Substructure | 731.95 | \$61,752 | \$8,752 | \$5,000 | \$1,752 | \$55,000 | \$ 75.14 | \$54,866 | 2 |
| 18 | Mariposa | Mariposa County | 40C0010 | 40C0010 | 37°29'27.0"N 120°08'34.0"W | Hornitos Road | Carbart Creek | 0.1 mi W Old Toll Rd | 76.0 | | Replace Timber Rail Beam, Crack Repair of Substructure | 1,153.89 | \$51,518 | \$22,518 | \$5,000 | \$17,518 | \$29,000 | \$ 25.13 | \$45,808 | 2 |
| 19 | Mariposa | Mariposa County | 40C0085 | 40C0085 | 37°31'22.0"N 118°55'15.0"W | Triangle Road | Summit Creek | State Road 140 | 82.8 | | Timber rail repair or replacement, spall repair. | 794.36 | \$51,000 | \$25,000 | \$10,000 | \$15,000 | \$26,000 | \$ 32.73 | \$45,150 | 2 |
| 20 | Mariposa | Mariposa County | 40C0013 | 40C0013 | 37°29'18.0"N 120°12'54.0"W | Hornitos Road | Turner Creek | 0.1 mi E Indian Gulch Rd | 82.1 | | Crack Repair of Substructure | 628.81 | \$38,000 | \$20,000 | \$5,000 | \$15,000 | \$18,000 | \$ 28.63 | \$33,841 | 2 |
| 21 | Mariposa | Mariposa County | 40C0014 | 40C0014 | 37°29'52.0"N 120°14'02.0"W | Hornitos Road | Eldorado Creek | 0.4 mi SE Bear Valley Rd | 84.1 | | Crack Repair of Substructure | 942.82 | \$82,000 | \$20,000 | \$5,000 | \$15,000 | \$42,000 | \$ 44.54 | \$54,889 | 2 |
| 22 | Mariposa | Mariposa County | 40C0018 | 40C0018 | 37°44'38.0"N 120°07'51.0"W | Grayley Hill Road | Bean Creek | 0.3 mi N/O Hotseat Rd | 73.9 | | Crack Repair of Substructure | 864.34 | \$45,000 | \$20,000 | \$5,000 | \$15,000 | \$25,000 | \$ 28.92 | \$36,838 | 2 |
| 23 | Mariposa | Mariposa County | 40C0024 | 40C0024 | 37°32'06.0"N 120°12'21.0"W | Bear Valley Road | Burns Creek | 3.8 mi NE Hornitos Rd | 78.3 | | Crack Repair of Substructure | 731.95 | \$41,000 | \$20,000 | \$5,000 | \$15,000 | \$21,000 | \$ 28.89 | \$36,297 | 2 |
| 24 | Mariposa | Mariposa County | 40C0025 | 40C0025 | 37°32'27.0"N 120°12'00.0"W | Bear Valley Road | Burns Creek | 4.3 mi NE Hornitos Rd | 96.1 | | Crack Repair of Substructure | 850.35 | \$39,000 | \$20,000 | \$5,000 | \$15,000 | \$19,000 | \$ 22.34 | \$34,527 | 2 |
| 25 | Mariposa | Mariposa County | 40C0045 | 40C0045 | 37°42'36.0"N 120°11'45.0"W | Ferry Road | Maxwell Creek | In Coulterville | 93.9 | | Methacrylate Sealer for Concrete Slab Deck and crack repair of substructure. | 1,335.80 | \$38,000 | \$3,000 | \$3,000 | \$0 | \$35,000 | \$ 28.20 | \$33,841 | 3 |
| 28 | Mariposa | Mariposa County | 40C0003 | 40C0003 | 37°26'02.0"N 120°00'10.0"W | Old Highway | Agua Fria Creek | 4.7 mi SW of SR 48 | 35.5 | SD | Chip Seal Overlay, Clean/Replace Expansion Joints, Spall Repair of the Substructure and Soffit, Crack Repair of the Substructure | 3,720.01 | \$280,000 | \$25,000 | \$10,000 | \$15,000 | \$235,000 | \$ 63.17 | \$230,178 | 3 |
| 1 | Mariposa | Mariposa County | Development of New BIRMP | | | | | | | | | 1.00 | \$22,750 | \$22,750 | \$22,750 | \$0 | \$0 | | \$20,141 | |
| | | | | | | | | | | | | Total | \$2,189,290 | \$688,290 | \$200,750 | \$467,540 | \$1,471,000 | | \$1,911,619 | |