GL: Emergency Relief – SHOPP Emergency Response Program (TIP ID- VAR110005)

Last updated with TIP Revision 15-34

| Dist | County | Rte | РМ | Length | Location/Description | EA | PPNO | FY | Prog Code (20.XX.) | Support | R/W | CON | TOTAL |
|------|--------|-----|-------|--------|--|-------|-------|-----------|--------------------------|---------|-------|----------|----------|
| | - | - | | - | SHOPP - Emergency Response | - | - | - | | | | | |
| 4 | ALA | 13 | 8.3 | | In Oakland, at 0.1 north of Moraga Avenue. Install retaining wall. | 1SS02 | 0143A | 2013/14 | 201.131 | \$1,992 | \$30 | \$4,179 | \$6,201 |
| 4 | NAP | 128 | 5.1 | 5.1 | Near Calistoga, at Hopper Slough Bridge No. 21-0019. Repair bridge abutment. | 3E520 | 1481C | 2013/14 | 201.131 | \$150 | \$0 | \$500 | \$650 |
| 4 | SCL | 17 | | | In Santa Clara County on Routes 17, 85, 87, 101, 237, 280, 680, and 880 at various locations. Upgrade landscape irrigation control system. | 1J790 | 0481Z | 2013/14 | 201.130 | \$680 | \$0 | \$2,700 | \$3,380 |
| 4 | SON | 116 | 13.6 | 0.3 | Near Guerneville, from 1.1 miles east of Mays Canyon Road to 0.1 mile west of Odd Fellows Park Road. Reconstruct retaining wall. | 1G420 | 0816K | 2013/14 | 201.131 | \$997 | \$230 | \$680 | \$1,907 |
| | | | | | | | ΤΟΤΑ | ALS FY 20 | 013/14 | \$3,819 | \$260 | \$8,059 | \$12,138 |
| 4 | ALA | 13 | 13.7 | | In Berkeley, at Folger Avenue Underpass No. 33-0060. Repair storm damage to slope and pump station. | 3J770 | 1488M | 2014/15 | 201.130 | \$150 | \$10 | \$500 | \$660 |
| 4 | ALA | 13 | 4.8 | 0.2 | In Oakland, from Shepherd Street to Carson Street. Install soldier beam tie-back retaining wall. | 1SS41 | 0140Q | 2014/15 | 201.131 | \$4,080 | \$150 | \$5,100 | \$9,330 |
| 4 | ALA | 13 | 9.1 | 9.1 | In Oakland, near Broadway Terrace. Construct retaining wall. | 2G830 | 0144R | 2014/15 | 201.131 | \$1,800 | \$80 | \$1,240 | \$3,120 |
| 4 | ALA | 580 | R4.0 | 0.3 | Near Livermore, at Stonecut Underpass. Repair embankment slipout and install retaining wall. | 2G850 | 0102R | 2014/15 | 201.131 | \$2,680 | \$120 | \$6,100 | \$8,900 |
| 4 | ALA | 580 | R4.9 | 5.0 | Near Livermore, east of North Flynn Road. Repair median slope slipout and install retaining wall. | 1SS03 | 0105A | 2014/15 | 201.131 | \$3,065 | \$150 | \$10,500 | \$13,715 |
| 4 | ALA | 680 | 20.2 | 20.2 | In Pleasanton, at Route 580/680 interchange. Repair slope and install rock slope protection. | 1SS42 | 0272Q | 2014/15 | 201.131 | \$635 | \$10 | \$565 | \$1,210 |
| 4 | CC | 4 | 14.6 | | In Concord, at Route 242. Repair slab settlement and failed joint seal. | 3J660 | 1488G | 2014/15 | 201.130 | \$150 | \$0 | \$500 | \$650 |
| 4 | CC | 80 | 8.7 | | In Pinole, at 0.2 mile east of Pinole Valley Road on the eastbound on-ramp. Repair slope wash-out. | 4J160 | 1489H | 2014/15 | 201.130 | \$130 | \$0 | \$500 | \$630 |
| 4 | CC | 24 | 1.3 | | In Orinda, at 0.2 mile east of Wider Road. Install drainage and place rock riprap slope protection. | 1SS45 | 0228Q | 2014/15 | 201.131 | \$791 | \$20 | \$495 | \$1,306 |
| 4 | CC | 24 | 6.8 | | In Lafayette, on eastbound Route 24 at the Brown Avenue Undercrossing (Bridge 28-0131R). Repair pavement and bridge. | 2J230 | 1482A | 2014/15 | 201.130 | \$450 | \$0 | \$1,900 | \$2,350 |
| 4 | CC | 680 | 10.3 | 10.3 | Near Danville, at 0.1 mile south of Stone Valley Road. Reconstruct roadway and install rock slope protection. | 1SS47 | 0277Q | 2014/15 | 201.131 | \$1,970 | \$45 | \$4,714 | \$6,729 |
| 4 | CC | 680 | 17.7 | 17.9 | In Pleasant Hill, at 0.2 mile north of Monument Boulevard. Install compaction grouting. | 1SS46 | 0294D | 2014/15 | 201.131 | \$913 | \$50 | \$715 | \$1,678 |
| 4 | MRN | 101 | 25.7 | | Near Novato, at 0.1 mile to 0.2 mile north of Redwood Landfill Road. Replace culverts and repair sinkholes. | 4J240 | 1489M | 2014/15 | 201.130 | \$160 | \$0 | \$540 | \$700 |
| 4 | MRN | 1 | 4.1 | | Near Mill Valley, at 0.7 mile north of Panoramic Highway. Repair slip-out by constructing soldier pile wall. | 3J760 | 1488J | 2014/15 | 201.130 | \$825 | \$150 | \$2,500 | \$3,475 |
| 4 | MRN | 1 | 42.5 | | Near Tomales, at 2.8 miles south of Tomales-Petaluma Road. Repair washout by constructing soldier pile wall. | 2J530 | 1485G | 2014/15 | 201.130 | \$705 | \$150 | \$2,100 | \$2,955 |
| 4 | MRN | 101 | R22.3 | | In Novato, at the North Novato overhead. Construct retaining wall with lightweight cellular concrete backfill. | 2J290 | 1482B | 2014/15 | 201.130 | \$425 | \$0 | \$1,700 | \$2,125 |

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|------|--------|-----|-------|--------|--|-------|-------|---------|--------------------------|---------|-------|---------|---------|
| 4 | MRN | 1 | 10.9 | 10.9 | Near Stinson Beach, 0.2 mile north of Dipsea Trail. Construct tie-back wall. | 4S220 | 0313E | 2014/15 | 201.131 | \$3,490 | \$50 | \$2,515 | \$6,055 |
| 4 | NAP | 121 | 3.1 | | Near the city of Napa, at Cutting Wharf Road. Repair roadway. | 2J990 | | | 201.130 | \$180 | \$0 | \$550 | \$730 |
| 4 | NAP | 121 | 14.7 | | At Wooden Valley, north of Wild Horse Valley Road. Repair earthquake damage. | 3J040 | | | 201.130 | \$125 | \$0 | \$500 | \$625 |
| 4 | NAP | 128 | 20.2 | | At Capell Creek Bridge No. 21-0078, at 1.14 miles east of Knoxville Road. Replace bearing pads, bearing stiffeners, and joint seals. | 3J120 | 1487H | 2014/15 | 201.130 | \$120 | \$0 | \$400 | \$520 |
| 4 | NAP | 29 | 6.9 | | In and near the city of Napa, at Bridge No. 21-0049 (Napa River Overhead), and on Route 121 at Bridge No. 21-0108 L/R (Imola Avenue). Repair earthquake damage. | 3J010 | 1686E | 2014/15 | 201.130 | \$500 | \$0 | \$2,000 | \$2,500 |
| 4 | NAP | 29 | 10.3 | | In Napa County, on Routes 29 and 121 at Bridge No. 21- 0087 (Old Sonoma Road), 21-0088 (First Street), and 21- 0086L (Imola Avenue Separation). Repair earthquake damage. | 3J000 | 1486D | 2014/15 | 201.130 | \$195 | \$0 | \$770 | \$965 |
| 4 | NAP | 128 | 29.7 | 29.7 | Near Winters, at 1.5 miles east of Wragg Canyon Road. Construct roadway retaining system. | 2G950 | 0640B | 2014/15 | 201.131 | \$1,280 | \$122 | \$2,100 | \$3,502 |
| 4 | SCL | 130 | 4.3 | | Near San Jose, at 0.7 and 3.3 miles east of Alum Rock Avenue. Repair storm damage slip-outs with a rock slope protection buttress and retaining wall. | 3J810 | 1488R | 2014/15 | 201.130 | \$480 | \$20 | \$1,800 | \$2,300 |
| 4 | SCL | 280 | R2.6 | 2.6 | In San Jose, at Minor Avenue. Construct geo-synthetic reinforced embankment. | 1SS52 | 0155Q | 2014/15 | 201.131 | \$1,203 | \$55 | \$1,804 | \$3,062 |
| 4 | SCL | 87 | 4.9 | 4.9 | In San Jose, at West Virginia Street. Repair pavement. | 1SS48 | 0428Q | 2014/15 | 201.131 | \$510 | \$10 | \$363 | \$883 |
| 4 | SF | 101 | 3.4 | 3.4 | In the city of San Francisco, at 23rd Street. Reconstruct slope and place rock slope protection. | | | 2014/15 | | \$1,035 | \$15 | \$700 | \$1,750 |
| 4 | SF | 101 | 2.3 | | In the City and County of San Francisco, at 0.3 miles north of Route 280. Repair washout with rock slope protection. | 3J750 | 1488H | 2014/15 | 201.130 | \$165 | \$0 | \$650 | \$815 |
| 4 | SM | 1 | R47.1 | | In Daily City, at Clarinada Avenue southbound on-ramp. Repair slip-out with rock slope protection. | 2J420 | | | 201.130 | \$170 | \$15 | \$500 | \$685 |
| 4 | SM | 101 | 9.3 | | In Belmont, from Sem Lane to 0.4 mile north of Ralston Avenue. Repair failed tidal flap gates. | | | 2014/15 | | \$360 | \$10 | \$1,800 | \$2,170 |
| 4 | SM | 101 | 22.8 | | In Brisbane, from Oyster Point Boulevard to the San Francisco county line. Repair storm damage pavement failure. | 3J780 | | | 201.130 | | \$0 | \$750 | \$940 |
| 4 | SM | 1 | 32.0 | | Near Half Moon Bay, from 0.3 mile north of Santa Ana Street to Santa Ana Street. Construct retaining wall and install rock slope protection. | 1J590 | 1480Y | 2014/15 | 201.131 | \$500 | \$0 | \$1,250 | \$1,750 |
| 4 | SM | 1 | 38.0 | | Near Pacifica, at the Tom Lantos Tunnels. Install Bay Area Security Enhancement (BASE) system. | | | | 201.131 | | \$0 | \$7,781 | \$9,731 |
| 4 | SM | 280 | 9.4 | 9.4 | Near Belmont, at 1.4 miles south of Route 92. Repair pipe system and backfill sinkhole. | | | | 201.131 | \$873 | \$30 | \$840 | \$1,743 |
| 4 | SM | 280 | 25.2 | 25.2 | In Daly City, at Sullivan Avenue onramp. Repair washout and install rock slope protection. | 4G630 | 0733H | 2014/15 | 201.131 | \$853 | \$10 | \$760 | \$1,623 |

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|------|--------|-----|-------|--------|--|-------|-------|---------------------|--------------------------|--------------------------|------------------------|--------------------------|-----------------------------|
| 4 | SM | 84 | 21.6 | 21.6 | In Woodside, at Route 84/280 separation. Repair washout and construct secant wall. | 4G640 | 0653R | 2014/15 | 201.131 | \$2,760 | \$250 | \$4,900 | \$7,910 |
| 4 | SOL | 80 | 18.9 | | In Fairfield, at 0.3 mile west of Air Base Parkway. Repair damaged sound wall caused by truck collision. | 4J140 | 1489G | 2014/15 | 201.130 | \$165 | \$20 | \$500 | \$685 |
| 4 | SOL | 37 | 7.2 | | In Solano County, at Napa River Bridge No. 23-0064 and Walnut Street Overcrossing Bridge No. 23-0109. Repair earthquake damage. | 3J030 | 1486G | 2014/15 | 201.130 | \$229 | \$0 | \$915 | \$1,144 |
| 4 | SOL | 37 | 9.8 | | In Solano and Napa Counties, at Bridge No. 21-0043L/R (Lombard Overhead), 23-0219 (Broadway Overhead), 23- 0205R/L (Fairground Drive), and 23-0222F (37/29 Separation). Repair earthquake damage. | 3J020 | 1486F | 2014/15 | 201.130 | \$153 | \$0 | \$610 | \$763 |
| 4 | SOL | 80 | 19.5 | 0.1 | Near Fairfield, at 0.2 mile east of Waterman Boulevard. Repair drainage system. | 1SS57 | | 2014/15 | | \$509 | \$5 | \$417 | \$931 |
| 4 | SON | 101 | 33.8 | | In Healdsburg, at the Russian River Bridge No. 20-0273R. Repair damaged joint seals and pavement. | 4J130 | | | 201.130 | \$120 | \$0 | \$400 | \$520 |
| 4 | SON | 101 | R42.3 | | Near Geyserville, at 1.1 miles south of Canyon Road. Repair slip-out with rock slope protection buttress | 4J010 | | 2014/15 | | \$275 | \$0 | \$1,100 | \$1,375 |
| 4 | SON | 101 | 11.6 | 11.6 | In Cotati, at 1.0 mile south of West Sierra Avenue off-ramp. Re-grade slope. | | | 2014/15 | | \$981 | \$50 | \$874 | \$1,905 |
| 4 | SON | 101 | 33.5 | | In Healdsburg, at 0.1 mile south of Grant Avenue undercrossing. Repair slipout. | | | 2014/15 | | \$840 | \$25 | \$758 | \$1,623 |
| 4 | SON | 116 | 15.0 | 15.0 | Near Guerneville, east of Mays Canyon Road. Construct soldier pile wall. | | | 2014/15 | | \$3,400 | \$650 | \$3,216 | \$7,266 |
| 4 | SON | 116 | 39.8 | 39.8 | Near Petaluma, at 0.5 mile east of Lakeville Highway. Place rock slope protection. | | | 2014/15 | | \$1,020 | \$200 | \$1,400 | \$2,620 |
| 4 | SON | 121 | 10.2 | 10.2 | Near Schellville, 0.6 mile north of Ramal Road. Install cast in drill hole pile wall. | 1SS37 | | 2014/15 | | \$1,125 | \$25 | \$1,100 | \$2,250 |
| 4 | ALA | 880 | 8.5 | 0.1 | Between Newark and Fremont, on northbound 880 below Southern Pacific Railroad overcrossing. Install rock slope protection (RSP). | | | 014/2015 2015/16 | | \$44,685 \$952 | \$2,497 \$75 | \$83,692 \$365 | \$130,874 \$1,392 |
| 4 | ALA | 880 | 27.2 | | In Oakland, at East Creek Slough Bridge No. 33-0143. Repair scour of the bridge channel side slopes. | 4J220 | | | 201.130 | \$150 | \$0 | \$500 | \$650 |
| 4 | ALA | 880 | 19.3 | 19.3 | Near Hayward, at Hacienda Avenue. Re-grade ground and install rock slope protection. | | | | | | \$30 | \$955 | \$2,254 |
| 4 | ALA | VAR | | | In Alameda and Contra Costa Counties, on various routes and at various locations. Restore electrical systems damaged by copper wire theft. | | | 2015/16 | | \$1,600 | \$0 | \$6,000 | \$7,600 |
| 4 | ALA | 580 | R30.6 | | Near Castro Valley, at Route 238 Separation (Bridge No. 33-0214L). Repair joint seal assemblies. | | | | 201.130 | \$390 | \$0 | \$1,300 | \$1,690 |
| 4 | ALA | 880 | 28.9 | | In Oakland, at 23rd Avenue Overcrossing South and North (Bridge No. 33-0139 and 33-0149). Replace bridge railings and fence. | 0K910 | 4C335 | 2015/16 | 201.130 | \$180 | \$0 | \$600 | \$780 |

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| 4 | ALA | VAR | | | In Alameda, Contra Costa, Marin, Napa, Solano and Sonoma Counties, on Routes 1, 4, 12, 80, 101, 242, 580, 680, and 880 at various locations. Drought conservation improvements. | 0K310 | 1492M | 2015/16 | 201.130 | \$250 | \$0 | \$950 | \$1,200 |
| 4 | CC | 4 | 22.8 | | In Pittsburg, at Railroad Avenue. Drought conservation improvements. | 0K870 | | | 201.130 | \$200 | \$0 | \$710 | \$910 |
| 4 | MRN | 1 | 8.1 | 8.1 | Near Slide Ranch, 2.1 miles north of Muir Woods Road. Construct soldier pile wall with tieback. | | | | 201.131 | \$4,700 | \$394 | \$7,693 | \$12,787 |
| 4 | NAP | 128 | 17.9 | 17.9 | Near Rutherford, at 1.1 miles west of Knoxville Road. Construct roadway retaining system. | | | 2015/16 | | \$1,550 | \$122 | \$1,540 | \$3,212 |
| 4 | NAP | 128 | 32.9 | | Near Winters, from 1.4 miles west to 0.5 mile east of the Solano County line; also in Solono County (PM 0.0/0.5). Clear mudslide. | 0K880 | | | 201.130 | \$420 | \$20 | \$1,600 | \$2,040 |
| 4 | SCL | 17 | 1.6 | | Near Los Gatos, at Chemeketa Park 1.6 miles north of the Santa Cruz County line. Repair embankment erosion with rock buttress and drainage improvements. | 0K700 | 1495C | 2015/16 | 201.130 | \$730 | \$70 | \$1,900 | \$2,700 |
| 4 | SCL | 85 | 4.5 | | In San Jose, at 0.2 mile north of Canoas Creek Bridge. Repair culvert and sinkhole. | 0K460 | | | 201.130 | \$155 | \$20 | \$500 | \$675 |
| 4 | SCL | 87 | 4.9 | | In San Jose, at southbound Route 280 to southbound Route 87. Restore soundwall facilities damaged by fire. | 0K660 | | | 201.130 | \$270 | \$10 | \$860 | \$1,140 |
| 4 | SCL | 880 | 3.6 | | In San Jose, at Route 101 separation; also on Route 101 (PM 37.9/38.5). Drought conservation improvements. | 0K850 | 1495P | 2015/16 | 201.130 | \$250 | \$0 | \$1,040 | \$1,290 |
| 4 | SCL | 280 | 20.5 | | Near Palo Alto, at 0.1 mile south of Alpine Road. Repair sinkhole and deteriorated culvert. | 4J270 | | 2015/16 | 201.130 | \$425 | \$0 | \$1,700 | \$2,125 |
| 4 | SCL | 130 | 5.6 | 0.4 | In Saratoga, north of Booker Creek Road. Construct segmented pile wall. | 2G990 | | 2015/16 | | \$1,586 | \$100 | \$1,627 | \$3,313 |
| 4 | SCL | 9 | 4.6 | 4.6 | Near Saratoga, 0.3 mile north of Sanborn Road. Construct soldier pile wall. | 2G960 | | 2015/16 | | \$1,822 | \$250 | \$2,000 | \$4,072 |
| 4 | SCL | VAR | | | In Santa Clara, San Francisco, and San Mateo Counties, on various routes and at various locations. Restore electrical systems damaged by copper wire theft. | 3J240 | | 2015/16 | | \$2,240 | \$0 | \$8,000 | \$10,240 |
| 4 | SF | VAR | | | In San Francisco, San Mateo, and Santa Clara Counties, on various routes at various locations. Drought conservation improvements. | 0K230 | 1491P | 2015/16 | 201.130 | \$580 | \$0 | \$2,310 | \$2,890 |
| 4 | SM | 1 | R47.2 | | In Daly City, at Clarinada Avenue. Repair slope washout and drainage system. | 1K490 | 1497G | 2015/16 | 201.130 | \$150 | \$0 | \$600 | \$750 |
| 4 | SM | 101 | 3.0 | | In Menlo Park, at the Henderson Pump House. Reconstruct drainage systems and repair pump station. | 4J430 | 1490G | 2015/16 | 201.130 | \$340 | \$0 | \$1,550 | \$1,890 |
| 4 | SM | 280 | R12.7 | | Near Hillsborugh, at San Mateo Creek Bridge. Replace damaged downdrain pipe drainage system and repair slope erosion. | | 1491N | 2015/16 | 201.130 | \$370 | \$40 | \$850 | \$1,260 |
| 4 | SOL | 680 | R7.7 | 7.9 | Near Cordelia, 0.2 mile north of Marshview Road overcrossing to 1.9 miles south of Gold Hill Road overcrossing. Construct rammed aggregate piers. | 3G060 | 0384R | 2015/16 | 201.131 | \$1,800 | \$500 | \$1,747 | \$4,047 |

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| 4 | SOL | 80 | 12.9 | | In Fairfield, at Green Valley Creek Bridge No. 23-0004. Repair abutment erosion. | 0K330 | 1493J | 2015/16 | 201.130 | \$200 | \$10 | \$750 | \$960 |
| 4 | SON | 1 | 45.4 | | Near Stewarts Point, at 2.7 miles south of Stewarts Point- Skaggs Springs Road. Reconstruct failed culvert. | 0K170 | 1491M | 2015/16 | 201.130 | \$210 | \$10 | \$700 | \$920 |
| 4 | SON | 101 | 3.7 | | In Petaluma, at Route 101S/116 Separation and Overhead Bridge No. 20-0284L. Reconstruct joint seal assemblies, replace joint seal glands, and repair abutment wall spalls. | 4J720 | 1491H | 2015/16 | 201.130 | \$150 | \$0 | \$500 | \$650 |
| 4 | SON | 116 | 13.6 | | Near Guernville, 1.1 miles east of Mays Canyon Road. Repair embankment. | 1J320 | 0488H | 2015/16 | 201.131 | \$570 | \$40 | \$1,714 | \$2,324 |
| 4 | SON | VAR | | | In Sonoma, Marin, Napa, Sacramento, and Solano Counties, on various routes and at various locations. Restore electrical systems damaged by copper wire theft. | 3J250 | 1488F | 2015/16 | 201.131 | \$1,280 | \$0 | \$4,000 | \$5,280 |
| 4 | SON | 1 | 7.2 | 7.2 | Near Bodega Bay, at 0.8 mile north of Bay Hill Road. Place rock slope protection. | | | 2015/16 | | \$740 | \$150 | \$600 | \$1,490 |
| 4 | SON | 1 | 30.5 | 30.5 | Near Fort Ross, at 2.6 miles south of Fort Ross Road. Construct soil nail walls. | | | 2015/16 | 201.131 | \$3,600 | \$240 | \$7,100 | \$10,940 |
| | | | | | | ΤΟΤΑ | LS FY 2 | 015/2016 | | \$29,129 | \$2,081 | \$62,261 | \$93,471 |
| 4 | ALA | 880 | 2.4 | 2.4 | In Fremont, at Warren Avenue. Install pressure grouting. | 1SS43 | 0070A | 2016/17 | 201.131 | \$3,014 | \$80 | \$6,016 | \$9,110 |
| 4 | MRN | 1 | 2.2 | 2.2 | Near Mill Valley, at 0.2 mile north of Loring Avenue. Provide drainage system and install rock slope protection. | 1SS58 | 0312T | 2016/17 | 201.131 | \$2,500 | \$55 | \$2,400 | \$4,955 |
| 4 | MRN | 1 | 6.6 | 6.6 | Near Muir Beach, 0.3 mile north of Seacape Drive. Construct tie-back wall. | 3S900 | 0713F | 2016/17 | 201.131 | \$4,934 | \$285 | \$5,860 | \$11,079 |
| 4 | MRN | 1 | 7.7 | 0.1 | Near Muir Beach, 0.2 mile north of Cold Stream Fire Road. Construct tie-back wall. | 3S910 | 0713G | 2016/17 | 201.131 | \$4,152 | \$157 | \$6,174 | \$10,483 |
| 4 | MRN | 1 | 8.1 | 8.1 | Near Muir Beach, at Cold Stream Road. Construct retaining wall. | 4S660 | 0308J | 2016/17 | 201.131 | \$2,869 | \$100 | \$2,200 | \$5,169 |
| 4 | MRN | 101 | 10.1 | | In San Rafael, at the Route 101/580 interchange. Repair sinking pavement and drainage systems. | 2J480 | | 2016/17 | | \$1,241 | \$10 | \$2,661 | \$3,912 |
| 4 | MRN | 580 | 2.7 | 2.7 | Near Mill Valley, at 0.6 mile south of Panoramic Highway. Re-grade slope and repair down drain. | | | | 201.131 | | \$90 | \$896 | \$2,032 |
| 4 | SM | 280 | 9.4 | | Near Belmont, at 1.4 miles south of Route 92. Repair pipe system and backfill sinkhole environmental mitigation. | 4G592 | 0729R | 2016/17 | 201.131 | \$110 | \$400 | \$0 | \$510 |
| 4 | SM | 1 | 4.2 | 4.3 | Near Ano Nuevo Park, at Rossi Road. Repair slipout. | 4G650 | 0045Q | 2016/17 | 201.131 | \$2,310 | \$100 | \$2,800 | \$5,210 |
| 4 | SM | 1 | 39.6 | 0.0 | Near Pacifica, at the Tom Lantos Tunnels. Perform outstanding environmental mitigation commitments. | | | | 201.131 | | \$25 | \$1,975 | \$3,525 |
| 4 | SON | 1 | 19.6 | | Near Jenner, 0.1 mile south of Russian River Bridge. Construct retaining wall. | 4S920 | 1770A | 2016/17 | 201.131 | \$2,476 | \$100 | \$1,450 | \$4,026 |
| | | | | | | ΤΟΤΑ | LS FY 2 | 016/2017 | | \$26,177 | \$1,402 | \$32,432 | \$60,011 |
| 4 | ALA | 13 | 4.9 | | In Oakland, at 0.1 mile south of Carson Street. Plant establishment and biological monitoring. | 4J260 | 1490H | 2017/18 | 201.131 | \$290 | \$0 | \$200 | \$490 |

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| 4 | CC | 680 | 11.5 | 0.3 | Near Alamo, on southbound of Route 680, between Rudgear Road and Livorna Road. Repair slide. | 0J380 | 0482S | 2017/18 | 201.131 | \$2,865 | \$100 | \$4,559 | \$7,524 |
| 4 | CC | 80 | 8.7 | 8.7 | In Pinole, east of Pinole Valley Road. Place drainage system and rock slope protection (RSP). | 0J370 | | 2017/18 | | \$584 | \$30 | \$375 | \$989 |
| 4 | CC | 4 | 48.1 | | Near Discovery Bay, at 0.1 mile west of Old River Bridge. Construct retaining walls to repair storm damage slip-outs. | 2J590 | 1484C | 2017/18 | 201.131 | \$1,328 | \$5 | \$2,527 | \$3,860 |
| 4 | MRN | 1 | 0.3 | | Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out. | 2J560 | 1485J | 2017/18 | 201.131 | \$1,818 | \$50 | \$1,515 | \$3,383 |
| 4 | MRN | 1 | 24.7 | -24.7 | Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge. | 4S780 | 0315D | 2017/18 | 201.131 | \$3,600 | \$90 | \$2,650 | \$6,340 |
| 4 | NAP | 121 | 14.8 | | Near Napa, at 1.5 miles south of Wooden Valley Road. Install rock bolts and flexible cable mesh to mitigate rockfall. | 3J740 | 1488Q | 2017/18 | 201.131 | \$1,035 | \$144 | \$891 | \$2,070 |
| 4 | NAP | 121 | 20.5 | | Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair. | 2J570 | 1485Q | 2017/18 | 201.131 | \$1,136 | \$65 | \$1,822 | \$3,023 |
| 4 | SCL | 101 | R5.1 | | In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope. | 2J460 | | | | \$548 | \$10 | \$564 | \$1,122 |
| 4 | SM | 1 | 0.3 | 0.3 | County line. Construct rock slope protection (RSP) and | 0J210 | 0482K | 2017/18 | 201.131 | \$770 | \$40 | \$740 | \$1,550 |
| 4 | SM | 92 | 6.0 | 6.0 | Near San Mateo, east of Route 35. Construct rock slope protection (RSP). | 0J140 | 0482D | 2017/18 | 201.131 | \$1,025 | \$65 | \$615 | \$1,705 |
| 4 | SON | 1 | 15.1 | 0.7 | Near Camet, 0.1 mile north of Del Sol Road. Realign roadway. | 0A020 | 0748E | 2017/18 | 201.131 | \$12,070 | \$3,000 | \$21,800 | \$36,870 |
| 4 | SON | 1 | 22.5 | | Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall. | | | | | \$810 | \$10 | \$1,370 | \$2,190 |
| 4 | SON | 101 | 33.5 | | In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement damage. | 2J550 | 1485H | 2017/18 | 201.131 | \$2,110 | \$40 | \$3,850 | \$6,000 |
| 4 | SON | 37 | 0.3 | | Near Novato, at the Petaluma River Bridge No. 27-0013. Restore eastern bridge approach settlement. | 2J500 | 1487C | 2017/18 | 201.131 | \$850 | \$10 | \$1,505 | \$2,365 |
| 4 | SON | 1 | 24.3 | | Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs. | 2J540 | 1485P | 2017/18 | 201.131 | \$2,380 | \$150 | \$3,880 | \$6,410 |
| 4 | SON | 101 | 9.0 | 9.0 | | | | | | \$882 | \$100 | \$694 | \$1,676 |
| | | NAP12120.5Install rock bolts and flexible cable mesh to mitigate rockfall.212120.5Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair.215701485Q2017/18SCL101R5.1In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope.2J4601485C2017/18SM10.30.3Near Pigeon Point, at 0.3 mile north of the Santa Cruz County line. Construct rock slope protection (RSP) and install drainage system.0J2100482K2017/18SM926.06.0Near San Mateo, east of Route 35. Construct rock slope protection (RSP).0J1400482D2017/18SON115.10.7Near Camet, 0.1 mile north of Del Sol Road. Realign roadway.0A0200748E2017/18SON122.5Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall.1J7501481A2017/18SON10133.5In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement damage.2J5501485F2017/18SON370.3Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs.2J5401485F2017/18 | | | \$34,101 | | \$49,557 | \$87,567 | | | | | |
| | Install rock bolts and flexible cable mesh to mitigate rockfall. Install rock bolts and flexible cable mesh to mitigate rockfall. Install rock bolts and flexible cable mesh to mitigate rockfall. NAP 121 20.5 Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair. 2J570 1485Q 2017/18 SCL 101 R5.1 In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope. 0J210 0482K 2017/18 SM 1 0.3 0.3 Near Pigeon Point, at 0.3 mile north of the Santa Cruz County line. Construct rock slope protection (RSP) and install drainage system. 0J210 0482K 2017/18 SM 92 6.0 6.0 Near San Mateo, east of Route 35. Construct rock slope protection (RSP). 0J400 0482D 2017/18 SON 1 15.1 0.7 Near Jenner, at 2.4 miles north of Route 116. Repair fire damaged retaining wall. 1J750 1481A 2017/18 SON 101 33.5 In and near Healdsburg, at Old Redwood Highway/Grant Undercrossing Bridge No. 20-0067L/R. Upgrade drainage elements and restore erosion and settlement. 2J500 1487C 2017/18 SON 37 0.3 Near Novato, at the Petaluma River Bridge No. 27-0013. Restore easte | | | | | | | \$137,911 | | | \$384,061 | | |
| | | | | | | | | | | \$131,284 | | | \$374,264 |
| | | | | | SHOPP - Emergency Res | ponse L | utterenc | eiuial | | \$6,627 | \$130 | \$3,040 | \$9,797 |