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

Last updated with TIP Revision 15-24

Dist	County	Rte	PM	Length	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	PE	R/W	CON	TOTAL
					SHOPP - Emergency Response	<u> </u>							•
4	ALA	13	8.3		In Oakland, at 0.1 north of Moraga Avenue. Install retaining wall.				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		2013/14		\$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	1	19.6		Near Jenner, 0.1 mile south of Russian River Bridge. Construct retaining wall.	4S920	0752Z	2013/14	201.131	\$1,399	\$100	\$1,450	\$2,949
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
								LS FY 20		\$5,218	\$360	\$9,509	\$15,087
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	soldier beam tie-back retaining wall.			2014/15		\$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.			2014/15		\$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.			2014/15		\$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.			2014/15		\$635	\$10	\$565	\$1,210
4		4	14.6		In Concord, at Route 242. Repair slab settlement and failed joint seal.	3J660		2014/15		\$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		2014/15		\$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.			2014/15		\$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			201.130	\$450	\$0	\$1,900	\$2,350
4	CC	680	10.3		Near Danville, at 0.1 mile south of Stone Valley Road. Reconstruct roadway and install rock slope protection.			2014/15		\$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.			2014/15		\$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

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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		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		201.130		\$0	\$1,700	\$2,125
4	MRN	1	10.9	10.9	Near Stinson Beach, 0.2 mile north of Dipsea Trail. Construct tie-back wall.			2014/15		\$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		\$0	\$550	\$730
4	NAP	121	14.7		At Wooden Valley, north of Wild Horse Valley Road. Repair earthquake damage.	3J040			201.130		\$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			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.			2014/15		\$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.	3G170	0600H	2014/15	201.131	\$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		\$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.	4J050	1489D	2014/15	201.130	\$360	\$10	\$1,800	\$2,170

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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	\$190	\$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		2014/15		\$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.	1J660		2014/15		\$1,950	\$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.			2014/15		\$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.			2014/15		\$853	\$10	\$760	\$1,623
4	SM	84	21.6	21.6	In Woodside, at Route 84/280 separation. Repair washout and construct secant wall.			2014/15		\$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			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			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.			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	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.					\$1,125	\$25	\$1,100	\$2,250
						ΤΟΤΑ	LS FY 2	014/2015		\$44,685	\$2,497	\$83,692	\$130,874

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4	ALA	880	8.5	0.1	Between Newark and Fremont, on northbound 880 below Southern Pacific Railroad overcrossing. Install rock slope protection (RSP).			2015/16		\$952	\$75	\$365	\$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	1491F	2015/16	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.	1SS44	0039A	2015/16	201.131	\$1,269	\$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.	3J200	1488A	2015/16	201.131	\$1,600	\$0	\$6,000	\$7,600
4	MRN	1	8.1	8.1	Near Slide Ranch, 2.1 miles north of Muir Woods Road. Construct soldier pile wall with tieback.	2G890	0209R	2015/16	201.131	\$4,700	\$394	\$7,693	\$12,787
4	MRN	1	6.6	6.6	Near Muir Beach, 0.3 mile north of Seacape Drive. Construct tie-back wall.			2015/16		\$3,850	\$225	\$5,860	\$9,935
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	2015/16	201.131	\$3,236	\$157	\$6,174	\$9,567
4	MRN	1	8.1	8.1	Near Muir Beach, at Cold Stream Road. Construct retaining wall.	4S660	0308J	2015/16	201.131	\$2,065	\$100	\$2,200	\$4,365
4	NAP	128	17.9	17.9	Near Rutherford, at 1.1 miles west of Knoxville Road. Construct roadway retaining system.	2G940		2015/16		\$1,550	\$122	\$1,540	\$3,212
4	SCL	280	20.5		Near Palo Alto, at 0.1 mile south of Alpine Road. Repair sinkhole and deteriorated culvert.	4J270	1489R	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.			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.			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	1488E	2015/16	201.131	\$2,240	\$0	\$8,000	\$10,240
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.			2015/16		\$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.			2015/16		\$1,800	\$500	\$1,747	\$4,047
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

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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.	3G070	0330H	2015/16	201.131	\$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		\$3,600	\$240	\$7,100	\$10,940
								015/2016		\$34,505	\$2,433	\$63,375	\$100,313
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	\$1,200	\$55	\$1,639	\$2,894
4	MRN	1	24.7	-24.7	Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge.	4S780	0315D	2016/17	201.131	\$3,000	\$90	\$2,650	\$5,740
4	MRN	101	10.1		In San Rafael, at the Route 101/580 interchange. Repair sinking pavement and drainage systems.	2J480	1487B	2016/17	201.131	\$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.			2016/17		\$1,046	\$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.			2016/17		\$1,810	\$100	\$2,800	\$4,710
								016/2017		\$11,421	\$825	\$16,662	\$28,908
4	ALA	13	4.9		In Oakland, at 0.1 mile south of Carson Street. Plant establishment and biological monitoring.	4J260		2017/18		\$290	\$0	\$200	\$490
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	0482R	2017/18	201.131	\$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

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4	MRN	1	0.3		Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out.	2J560	1485J	2017/18	201.131	\$1,320	\$5	\$1,211	\$2,536
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		2017/18		\$548	\$10	\$564	\$1,122
4	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		2017/18		\$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		2017/18		\$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.	1J750	1481A	2017/18	201.131	\$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	Near Petaluma, north of Pepper Road. Repair slide.			2017/18 017/2018	201.131	\$882 \$30,003	\$100 \$3,774	\$694 \$46,603	\$1,676 \$80,380
					SHOPP - Emergency Response N					\$125,832		\$219,841 \$204,774	\$355,562
					SHOPP - Emergency Response SHOPP - Emergency Res					\$119,661 \$6,171	\$9,645 \$244	\$204,774 \$15,067	\$334,080 \$21,482