

**GL: Emergency Relief –  
SHOPP Emergency Response Program  
(TIP ID – VAR170008)**

**Last updated with 2017-35**

**FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
<b>SHOPP - Emergency Response</b>												
04	ALA	123	.2	In Emeryville, at MacArthur Boulevard ramps to Route 580 and San Pablo Avenue Overcrossing (Route 123). Construct subsurface and horizontal drains, and reconstruct pavement.	2K460	1451E	2016/17	201.130	\$ 1,600	\$ -	\$ 5,850	\$ 7,450
4	ALA	13	4.4	In Oakland, at Calaveras Avenue. Reconstruct embankment slipout, stabilize slope, and construct soldier pile retaining wall.	4K470	1457K	2016/17	201.130	\$2,980	\$150	\$6,000	\$9,130
4	ALA	13	R9.2	In Oakland, at 0.1 mile north of Broadway Terrace. Backfill sinkhole, replace damaged culvert, and reconstruct roadway.	4K250	1456C	2016/17	201.130	\$900	\$0	\$2,000	\$2,900
4	ALA	238	R14.5	In Hayward, from Route 580 to Route 880. Repair storm damaged roadway.	0P200	1461N	2016/17	201.130	\$360	\$0	\$1,250	\$1,610
4	ALA	580	R1.5	Near Livermore, from 1.5 miles west of the San Joaquin County line to 1.9 miles east of North Flynn Road. Repair water saturated asphalt pavement with asphalt overlay and digout repairs.	4K260	1456D	2016/17	201.130	\$900	\$0	\$2,000	\$2,900
4	ALA	580	R36.8	In Oakland, from Oak Knoll Boulevard to 0.4 mile east of Seminary Avenue. Stabilize embankment settlement, repair drainage systems, and restore roadway.	4K920	1460K	2016/17	201.130	\$400	\$0	\$1,150	\$1,550
4	ALA	680	M0.4	In Fremont, at Scott Creek Road southbound off-ramp. Repair embankment slipout and place RSP.	0P210	1461P	2016/17	201.130	\$150	\$0	\$600	\$750
4	ALA	84	12.0/13.0	Near Fremont, from 1.2 miles east of Mission Boulevard to Palomares Road. Construct rockfall fence.	0P010	1461B	2016/17	201.130	\$250	\$25	\$1,000	\$1,275
4	ALA	880	16.5/18.3	In Hayward, from 0.2 mile north of Route 92 to 0.1 mile south of West A Street; also, in San Leandro, from 0.4 mile south of Fairway Drive to 0.3 mile north of 16th Avenue (PM 22.0 to PM 30.0). Repair saturated roadway pavement.	4K570	1458J	2016/17	201.130	\$1,400	\$0	\$3,970	\$5,370

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4	ALA	84	R22.2	Near Livermore, from 0.8 mile west of Ruby Hill Drive to 0.5 mile west of Ruby Hill Drive. Remove slide debris and repair concrete lined drainage ditches.	4K760	1459G	2016/17	201.130	\$905	\$75	\$2,450	\$3,430
04	ALA	880	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	0.1	Near Mill Valley, at Richardson Bay Bridge and Separation. Modify drainage systems, relocate electrical facilities, and repair roadway.	0P000	1461F	2016/17	201.130	\$425	\$30	\$1,100	\$1,555
4	MRN	1	1.6	Near Muir Beach, from 0.1 mile north of Shasta Way to W. California Avenue. Reconstruct embankment slipout, construct sheet pile wall shoring, construct timber retaining wall, and install rock slope protection (RSP) to temporarily stabilize roadway.	4K490	1458A	2016/17	201.130	\$940	\$30	\$2,500	\$3,470
4	MRN	1	4.0	Near Muir Beach, from 0.7 mile to 1.7 miles north of Panoramic Highway South. Repair slope failure by constructing soldier pile retaining wall and replace culvert.	4K150	1455E	2016/17	201.130	\$3,200	\$200	\$7,000	\$10,400
4	MRN	1	10.9	Near Stinson Beach, at 1.3 miles south of Panoramic Highway north. Repair slope slipout by constructing soldier pile retaining wall.	4K240	1456B	2016/17	201.130	\$2,400	\$200	\$3,000	\$5,600
4	MRN	1	11.5	Near Stinson Beach, at 0.6 mile south of Panoramic Highway. Repair slipout, construct soldier pile retaining wall, and restore roadway.	0P130	1461G	2016/17	201.130	\$2,860	\$200	\$8,000	\$11,060
4	MRN	1	22.8	Near Olema, at Olema Creek Bridge No. 27-0020. Construct sheet pile retaining wall and replace culvert.	4K850	1460C	2016/17	201.130	\$1,480	\$250	\$4,000	\$5,730
4	MRN	1	33.4	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Reconstruct embankment washout, strengthen bio-armoring of slope, repair drainage system, and construct sheet pile retaining wall.	4K500	1458B	2016/17	201.130	\$1,075	\$30	\$2,600	\$3,705

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Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	MRN	1	35.3	Near Marshall, at 3.2 miles south of Marshall Petaluma Road. Reconstruct embankment washout and modify drainage system.	4K860	1460D	2016/17	201.130	\$375	\$30	\$1,400	\$1,805
4	MRN	1	8.2/8.5	Near Stinson Beach, from 2.6 miles south of Rocky Point Road to 2.3 miles north of Muir Woods Road. Construct soldier pile walls.	4K840	1460B	2016/17	201.130	\$1,420	\$200	\$3,790	\$5,410
4	MRN	37	R11.7	In and near Novato, from Route 101 to Novato Creek Bridge. Stabilize embankment slipout, install drainage system, construct concrete barrier, and repair flooded and saturated roadway.	4K330	1456J	2016/17	201.130	\$3,400	\$20	\$8,000	\$11,420
04	MRN	1	2.2	Near Mill Valley, at 0.2 mile north of Loring Avenue. Construct an earth retaining system and improve drainage.	1SS58	0312T	2016/17	201.131	\$ 2,500	\$ 55	\$ 2,400	\$ 4,955
04	MRN	1	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
04	MRN	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
04	MRN	1	7.7/7.8	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
04	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
04	MRN	101	6/6.9	In and near Corte Madera, from 1.4 miles to 0.5 mile south of Tamalpais Drive. Reconstruct culvert riser and repair slope.	1K630	1498J	2016/17	201.131	\$ 550	\$ -	\$ 1,500	\$ 2,050
4	NAP	128	17.8	Near Rutherford, at 1.2 miles west of Berryessa Knoxville Road. Remove slide debris and stabilize slope.	4K340	1456M	2016/17	201.130	\$200	\$10	\$400	\$610
4	SCL	101	R26.7	In San Jose, at Route 101-85/S101 HOV Connector Separation No. 37-0628E. Repair approach slabs and roadway settlement.	0P460	1462B	2016/17	201.130	\$400	\$0	\$1,100	\$1,500
4	SCL	101	52.2	In Palo Alto, at Embarcadero Road Overcrossing No. 37-0150. Replace reinforced concrete girder.	4K790	1459J	2016/17	201.130	\$400	\$0	\$1,050	\$1,450

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4	SCL	130	9.3	Near San Jose, at 2.0 miles west of Quimby Road. Repair washout conditions of roadway with constructing tie-back retaining wall and sheet pile retaining wall.	4K680	1458V	2016/17	201.130	\$2,075	\$150	\$3,770	\$5,995
4	SCL	152	1.5	Near Gilroy, at 1.5 miles east of Pole Line Road. Remove slide debris, stabilize slope, and construct debris barrier.	4K380	1457A	2016/17	201.130	\$950	\$10	\$2,500	\$3,460
4	SCL	152	7.9	In Gilroy, from Santa Teresa Boulevard to Monterey Road. Repair storm damaged roadway.	4K620	1458Q	2016/17	201.130	\$300	\$0	\$1,000	\$1,300
4	SCL	152	R17.0	Near Gilroy, at 0.8 mile east of Lake Road. Repair washout, construct sheet pile retaining wall, and repair roadway.	4K420	1457E	2016/17	201.130	\$900	\$5	\$2,000	\$2,905
4	SCL	17	3.0	Near Los Gatos, at 0.5 mile north of Idylwild Road. Reconstruct embankment sinkhole, reconstruct slope, inject grout in voids, and repair culverts.	4K410	1457D	2016/17	201.130	\$900	\$10	\$2,100	\$3,010
4	SCL	17	5.8	Near Los Gatos, at 0.7 mile south of East Main Street. Remove slide debris, stabilize slope, and construct soil nail retaining wall.	4K230	1456A	2016/17	201.130	\$1,390	\$60	\$2,600	\$4,050
4	NAP	121	17.4/18.3	Near Napa, from 1.2 miles north of Wooden Valley Road to 0.2 mile south of Circle Oaks Drive. Replace failed culverts and repair roadway.	0P140	1461C	2016/17	201.130	\$420	\$10	\$1,400	\$1,830
4	SCL	280		In San Jose at various locations, the Southwest Expressway pump station (PM 2.9), Bird Avenue pump station (PM 3.8) and Menker Avenue pump station (PM 4.4); also in San Mateo County, at Ravenswood pump station (PM 28.0). Replace and/or repair failed pump station components.	1K520	1498E	2016/17	201.130	\$560	\$0	\$2,220	\$2,780
4	SCL	35	9.5	Near Los Gatos, from 0.3 mile north of Las Cumbres Road to 1.2 miles north of Las Cumbres Road. Stabilize slipout, construct detour, and provide traffic control to escort local traffic.	4K640	1458S	2016/17	201.130	\$500	\$10	\$1,000	\$1,510

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4	SCL	35	9.5	Near Los Gatos, at 0.3 mile north of Las Cumbres Road. Repair embankment slipout, construct tieback retaining wall, and repair roadway.	4K710	1459A	2016/17	201.130	\$1,550	\$200	\$3,000	\$4,750
4	SCL	35	10.5	Near Los Gatos, at 1.2 miles north of Las Cumbres Road. Construct soldier pile walls, reconstruct embankment washout, restore roadway.	4K800	1459K	2016/17	201.130	\$7,800	\$2,000	\$27,610	\$37,410
4	SCL	35	12.4	Near Saratoga, at 1.6 miles south of Route 9. Repair sinkhole and repair culvert.	4K930	1460L	2016/17	201.130	\$485	\$50	\$1,300	\$1,835
4	SCL	9	0.0	Near Saratoga, from Santa Cruz County line to Sanborn Road. Remove slide debris, repair roadway, and establish safe working conditions of failed slope to initiate geotechnical investigations.	4K270	1456E	2016/17	201.130	\$450	\$10	\$1,500	\$1,960
4	SM	1	13.5	Near Pescadero, from 0.1 mile south of Pescadero Creek Road to 1.5 miles north of Pescadero Creek. Construct gabion retaining wall, place RSP, and construct sheet pile retaining wall.	0P160	1461H	2016/17	201.130	\$1,335	\$50	\$3,600	\$4,985
4	SM	1	17.0	Near San Gregorio, from 1.2 miles south of Route 84 to 0.7 mile south of Route 84. Repair slipout, construct soldier pile tie-back retaining wall, and install rock slope protection (RSP).	4K460	1457J	2016/17	201.130	\$1,825	\$210	\$3,000	\$5,035
4	SM	101	3.5	In and near Redwood City, from Marsh Road to Route 92. Repair water saturated asphalt pavement with asphalt overlay and digout repairs.	4K320	1456K	2016/17	201.130	\$350	\$0	\$700	\$1,050
4	SM	101	11.9	In the city of San Mateo, at Route 92/101 Separation No. 35-0252R. Replace failed bridge joint seal.	3K130	1453M	2016/17	201.130	\$225	\$0	\$500	\$725
4	SM	101	17.5	In Millbrae, from 0.4 mile south of Millbrae Avenue to San Francisco County line; also in San Francisco, from Alana Way to Silver Avenue (PM 0.0 to PM 1.8). Repair storm damaged roadway.	4K280	1456G	2016/17	201.130	\$450	\$0	\$1,500	\$1,950
4	SM	280	R20.4	In San Bruno, at 0.2 mile north of Jenevein Avenue. Reconstruct embankment washout, replace culverts, and place RSP.	0P280	1461R	2016/17	201.130	\$325	\$30	\$850	\$1,205

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4	SM	35	26.1/28.9	Near Daly City, from 0.1 mile south of Westborough Boulevard to 0.3 mile north of Route 1. Replace damaged culverts and stabilize embankment with rock slope protection (RSP).	0P260	1461K	2016/17	201.130	\$320	\$25	\$800	\$1,145
4	SM	280	8.5/10.0	Near Belmont, from 1.8 miles north of Edgewood Road to 0.8 mile south of Route 92. Replace failed culverts, backfill sinkholes, and repair roadway shoulder.	0P250	1461J	2016/17	201.130	\$400	\$0	\$1,220	\$1,620
4	SM	35	9.8	Near Sky Londa, at 0.1 mile north of Chapman Road. Repair slipout with constructing soldier pile tie-back retaining wall.	4K480	1457M	2016/17	201.130	\$1,825	\$210	\$3,000	\$5,035
4	SM	35	11.5	Near Sky Londa, at 0.6 mile north of Morse Lane. Stabilize slide, construct sheet pile retaining wall, and construct two tie-back retaining walls.	4K550	1458G	2016/17	201.130	\$2,550	\$200	\$6,000	\$8,750
4	SM	35	13.1	Near Sky Londa, at 0.1 mile north of Bear Gulch Road. Repair slipout and construct soldier pile retaining wall.	4K210	1456F	2016/17	201.130	\$1,140	\$150	\$1,800	\$3,090
4	SM	84	7.8	Near La Honda, from 0.5 mile west of Pescadero Creek Road to 0.5 mile east of Pescadero Creek Road. Reconstruct embankment washouts and place RSP.	4K890	1460G	2016/17	201.130	\$430	\$30	\$1,200	\$1,660
4	SM	84	12.0	Near Sky Londa, from 0.3 mile west of Old La Honda Road to 0.2 mile east of Old La Honda Road. Stabilize slide, replace culvert and restore roadway.	4K900	1460H	2016/17	201.130	\$150	\$5	\$450	\$605
4	SM	84	15.4	Near Sky Londa, at Grandview Drive. Repair slope failure by constructing soldier pile tie-back retaining wall and repair pavement.	4K160	1455F	2016/17	201.130	\$2,100	\$200	\$3,500	\$5,800
4	SM	84	16.3	Near Sky Londa, from 0.3 mile east of Friars Lane to 0.5 mile west of Fox Hill Road. Reconstruct embankment slipouts and construct soldier pile retaining walls.	0P490	1462D	2016/17	201.130	\$1,690	\$300	\$4,330	\$6,320
4	SM	92	0.9	Near Half Moon Bay, at 0.7 mile east of Main Street. Repair slipout, construct soldier pile retaining wall, and restore roadway.	0P150	1461Q	2016/17	201.130	\$840	\$200	\$2,000	\$3,040

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04	SM	1	4.2/4.4	Near Ano Nuevo Park, at Rossi Road. Repair slipout.	4G650	0045Q	2016/17	201.131	\$ 2,310	\$ 100	\$ 2,800	\$ 5,210
04	SM	1	39.6/40.1	Near Pacifica, at the Tom Lantos Tunnels. Perform outstanding environmental mitigation commitments.	2K910	1452M	2016/17	201.131	\$ 1,525	\$ 25	\$ 1,975	\$ 3,525
04	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	\$ 70	\$ -	\$ 400	\$ 470
4	SOL	113	4.0	Near Dixon, from Robinson Road to 0.3 mile south of Midway Road. Repair storm damaged roadway.	4K940	1460M	2016/17	201.130	\$540	\$0	\$1,800	\$2,340
4	SOL	220		Near Ryer Island, at 0.9 mile west of East Ryer Road. Reconstruct embankment with shoulder backing.	0P780	1463E	2016/17	201.130	\$200	\$5	\$400	\$605
4	SOL	113	5.5	Near Dixon, at 1.5 miles north of Creed Road. Stabilize slope washout, reconstruct culvert and repair pavement.	4K170	1455G	2016/17	201.130	\$600	\$10	\$1,000	\$1,610
4	SOL	12	7.4	Near Fairfield, from 0.1 mile west of Lawler Ranch Parkway to 0.1 mile west of Olsen Road. Repair storm damaged roadway.	4K650	1458T	2016/17	201.130	\$660	\$0	\$2,200	\$2,860
4	SOL	128	0.4	Near Winters, from 0.2 mile west of Yolo County line to 0.3 mile west of the Yolo County line. Remove slide debris requiring rock blasting and pavement repair.	4K180	1455H	2016/17	201.130	\$300	\$10	\$800	\$1,110
4	SON	1	25.1	Near Jenner, from 0.6 mile north of Russian Gulch State Beach to 1.2 miles south of Meyers Grade Road. Repair slipout, construct soldier pile tie-back retaining wall, and repair roadway.	4K390	1457B	2016/17	201.130	\$2,500	\$210	\$5,000	\$7,710
4	SON	1	31.9	Near Fort Ross State Park, at 1.1 miles south of Fort Ross Road. Stabilize slide, construct retaining wall, and repair asphalt roadway.	4K660	1458U	2016/17	201.130	\$300	\$10	\$600	\$910
4	SON	101	1.2	Near Petaluma, at 0.3 mile south of Tunzi Road. Stabilize slope, place RSP, and repair drainage system.	4K360	1456P	2016/17	201.130	\$350	\$0	\$1,000	\$1,350

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4	SON	101	37.1	In Healdsburg, at 0.9 mile north of Dry Creek Road. Remove slide debris and construct soldier pile tieback retaining wall.	4K450	1457H	2016/17	201.130	\$2,225	\$210	\$3,000	\$5,435
4	SON	116	39.9	Near Lakeville, from 0.6 mile east of Lakeville Highway to 0.9 mile east of Lakeville Highway. Reconstruct embankment slipout and repair roadway.	4K960	1460P	2016/17	201.130	\$640	\$200	\$1,700	\$2,540
4	SON	116	43.3	Near Temelec, at 0.1 mile east of County Dump Road. Reconstruct slipout embankment and replace storm damaged culvert.	4K290	1456H	2016/17	201.130	\$450	\$10	\$1,000	\$1,460
4	SON	12	T17.6	In Santa Rosa, from 0.2 mile west of Hoen Avenue to 0.1 mile east of Brush Creek Road. Repair storm damaged roadway.	0P180	1461E	2016/17	201.130	\$175	\$0	\$400	\$575
4	SON	128	1.3	Near Cloverdale, at 3.5 miles west of North Cloverdale Boulevard. Repair slipout and construct soldier pile tieback retaining wall.	4K430	1457F	2016/17	201.130	\$1,900	\$210	\$2,500	\$4,610
4	SON	128	16.2	Near Kellogg, at Maacama Creek. Install temporary rock slope protection (RSP) until water levels recede, then construct permanent bio-armament to strengthen eroded embankment.	4K200	1455K	2016/17	201.130	\$700	\$10	\$1,500	\$2,210
04	SON	1	19.6	In San Mateo County in the city of Millbrae, off highway 280, 0.1 miles west of Larkspur Drive. Replace and upgrade North and South Larkspur pumps and electrical controls.	4S920	1770A	2016/17	201.131	\$ 2,476	\$ 100	\$ 1,450	\$ 4,026
<b>TOTALS FY 2016/2017</b>									<b>\$ 99,836</b>	<b>\$ 7,372</b>	<b>\$ 212,996</b>	<b>\$ 320,204</b>
04	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	\$ -	\$ 200	\$ 490
04	CC	4	48.1/48.3	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	\$ 1,888	\$ 5	\$ 2,527	\$ 4,420
04	CC	680	11.5/11.8	Near Alamo, on southbound of Route 680, between Rudgear Road and Livorna Road. Repair slide.	0J380	0482S	2017/18	201.131	\$ 3,413	\$ 500	\$ 5,750	\$ 9,663

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04	MRN	1	0.3	Near Mill Valley, at Tennessee Valley Road. Repair roadway slip-out.	2J560	1485J	2017/18	201.131	\$ 3,168	\$ 150	\$ 1,515	\$ 4,833
4	MRN	1		Near Muir Beach, at 0.8 mile north of Muir Beach Overlook. □ Construct soldier pile retaining wall and stabilize □ embankment slipout.	4K690	1458N	2017/18	201.130	\$1,040	\$150	\$2,400	\$3,590
04	MRN	1	24.7	Near Olema, 1.8 miles south of Olema. Replace culvert with a bridge.	4S780	0315D	2017/18	201.131	\$ 4,400	\$ 90	\$ 2,650	\$ 7,140
4	MRN	1		Near Stinson Beach, at Lone Tree Creek. Remove and □ reconstruct fifty-four inch CSP culvert and repair □ sinkhole.	0Q260	2021H	2017/18	201.130	\$360	\$10	\$1,100	\$1,470
04	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	Var		In Napa, Sonoma, and Lake Counties, at various locations. Repair fire damaged facilities.	0Q910	0269S	2017/18	201.130	\$2,100	\$10	\$6,800	\$8,910
4	SCL	237		In Sunnyvale, at North Mathilda Avenue Undercrossing No. □ 37-0179. Reconstruct portions of bridge deck, diaphragms, □ and girders.	0P520	1462E	2017/18	201.130	\$380	\$0	\$1,050	\$1,430
4	SCL	101	0.8/0.9	Near Gilroy, at Sargent Bridge Overhead No. 37-0006R. □ Replace existing damaged bridge rails with standard □ concrete barrier railing.	4K130	1455D	2017/18	201.131	\$1,550	\$50	\$5,220	\$6,820
04	NAP	121	20.5/20.7	Near the city of Napa, at south of Route 128. Embankment stabilization and culvert repair.	2J570	1485Q	2017/18	201.131	\$ 1,364	\$ 65	\$ 1,822	\$ 3,251
04	SM	1	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	201.131	\$ 770	\$ 40	\$ 740	\$ 1,550
04	SM	92	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

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04	SCL	101	R5.1	In Gilroy, at 0.5 mile north of Monterey Road. Fill voids under pavement and repair eroded embankment slope.	2J460	1485C	2017/18	201.131	\$ 548	\$ 10	\$ 564	\$ 1,122
4	SOL	37		Near Vallejo, at the W37-N&S29 Connector Overhead No. □ 23-0222F; also in Vacaville, on Route 80 at Ulatis Creek No. □ 23-0052R. Replace joint seals and elastomeric bearing □ pads	0P330	1461S	2017/18	201.130	\$280	\$10	\$680	\$970
04	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	\$ 1,081	\$ 10	\$ 1,370	\$ 2,461
4	SON	Var		In Sonoma County, on various routes at various locations. In Santa Rosa, on Route 101, from College Avenue to 0.3 mile south of Airport Boulevard (PM 20.7 to PM 26.0); also near Kellogg, on Route 128, from 0.1 west of Franz Valley Road to 0.7 mile east of Foss Hill Road (PM 21.8 to PM 24.7); also in Napa County, on Route 128 from Sonoma County line to Petrified Forest Road (PM 0.0 to PM 3.6); also near Kenwood, on Route 12, from Hoff Road to Madrone Road (PM 25.7 to PM 32.9); also near Sears Point, on Route 37, from 0.1 mile west of Reclamation Road to Sears Point Road (PM 21.8 to PM 24.7). Reconstruct guardrail, replace roadside elements, and repair roadway.	0Q900	0779F	2017/18	201.130	\$2,300	\$10	\$7,600	\$9,910
04	SON	1	15.1/15.8	Near Camet, 0.1 mile north of Del Sol Road. Realign roadway.	0A020	0748E	2017/18	201.131	\$ 17,700	\$ 5,000	\$ 24,300	\$ 47,000
04	SON	1	24.3/24.4	Near Jenner, at 1.5 miles south of Myers Grade Road. Repair roadway slip-outs.	2J540	1485P	2017/18	201.131	\$ 3,980	\$ 150	\$ 4,180	\$ 8,310
04	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	\$ 1,600	\$ 10	\$ 1,805	\$ 3,415

**FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
04	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
<b>TOTALS FY 2017/2018</b>									<b>\$ 52,382</b>	<b>\$ 6,519</b>	<b>\$ 77,629</b>	<b>\$ 136,530</b>
4	ALA	Var		In Alameda and Contra Costa Counties, on Routes 4, 13, 24, 80, 84, 92, 160, 238, 242, 580, 680, and 880 at various locations. Remove diseased, dead or dying drought damaged trees.	0Q870	2025T	18/19	201.131	\$ 2,250	\$ -	\$ -	\$ 2,250
4	NAP	128		Near Saint Helena, at 1.8 miles east of Silverado Trail Road. Install Rock Slope Protection (RSP) over storm damaged embankment.	2K420	1464C	18/19	201.131	\$ 681	\$ -	\$ -	\$ 681
04	SCL	101	R0.8	Near Gilroy, at Sargent Bridge and Overhead No. 39-0006L. Permanent restoration of roadway settlement and southern abutment wingwall movement.	4J030	1453B	2018/19	201.131	\$ 1,430	\$ -	\$ -	\$ 1,430
4	SCL	35	9.5/10.5	Near Los Gatos, from 1.8 miles to 2.8 miles north of Black Road. Mitigation plant establishment and monitoring for EAs 4K710 and 4K800.	0Q930	2024N	18/19	201.131	\$ 465	\$ -	\$ -	\$ 465
4	SCL	Var		In Santa Clara, San Mateo, and San Francisco Counties on Routes 9, 17, 35, 84, 130, 280, and 880 at various locations. Remove dead or dying drought damaged trees.	0Q890	2025U	20/21	201.131	\$ 2,000	\$ -	\$ -	\$ 2,000
04	SON	101	9.0	Near Petaluma, north of Pepper Road. Repair slide and drainage system.	0J100	0481B	2018/19	201.131	\$ 2,273	\$ 850	\$ 1,324	\$ 4,447
04	SON	1	26.7/27.0	Near Jenner, from 0.3 to 0.4 mile north of Myers Grade Road. Permanent restoration of roadway slip-outs.	0J300	0482T	2018/19	201.131	\$ 4,602	\$ -	\$ -	\$ 4,602
4	SON	Var		In Sonoma, Solano, Napa, Marine, and Lake Counties, on Routes 1, 12, 29, 80, 101, 116, 128, 131, 680, and 780 at various locations. Remove dead or dying drought damaged trees.	0Q850	2022J	20/21	201.131	\$ 2,060	\$ -	\$ -	\$ 2,060

**FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
4	SM	84		Near La Honda, at 1.2 miles north of Madera Lane (North). Repair slope washout and place Rock Slope Protection (RSP) on existing embankment to prevent further erosion.	2K610	1455B	21/22	201.131	\$ 1,326	\$ -	\$ -	\$ 1,326
04	SM	1	1.1	Near Half Moon Bay, at 1.1 miles north of Santa Cruz county line. Repair slope washout by constructing a soldier pile wall and upgrading the drainage system.	0K570	1450H	2018/19	201.131	\$ 700	\$ -	\$ -	\$ 700
4	SM	82		In South San Francisco, at 0.1 mile north of Francisco Drive. Permanent embankment restoration by installing retaining wall and drainage improvements.	0K670	1450J	2018/19	201.131	\$1,210	\$0	\$0	\$1,210
<b>TOTALS FY 2018/2019</b>									<b>\$ 18,997</b>	<b>\$ 850</b>	<b>\$ 1,324</b>	<b>\$ 21,171</b>
4	MRN	101	0.2	Near Sausalito, at 0.1 mile south of Alexander Avenue. Restore damaged drainage systems.	4J420	1492J	2019/20	201.131	\$2,637	\$13	\$909	\$3,559
4	SCL	17	3.1	Near Los Gatos, approximately 0.3 mile south of Alma College Road. Modify drainage system and repair slope washout.	4J020	1499D	2019/20	201.131	\$1,221	\$20	\$529	\$1,770
04	SM	280	R20.3/R20.6	In San Bruno, from Jenevein Avenue to 0.1 mile south of San Bruno Avenue. Reconstruct failed concrete ditch and place Rock Slope Protection (RSP) at slope washouts as storm damage permanent restoration.	4J080	1499H	2019/20	201.131	\$ 1,508	\$ 168	\$ 1,093	\$ 2,769
4	SM	84		Near Half Moon Bay, south of Bear Gulch Road. Repair embankment and structural section settlement by using injection grouting methods to restore original grades, densify the soil below, and minimize future settlement.	2K660	1464E	19/20	201.131	\$ 1,048	\$ -	\$ -	\$ 1,048
4	SOL	680	R1.9	In Benicia, from north of Industrial Way to south of Lake Herman Road. Repair slip-outs and stabilize slope.	4J040	1498M	2019/20	201.131	\$1,617	\$38	\$1,040	\$2,695
<b>TOTALS FY 2019/2020</b>									<b>\$ 8,031</b>	<b>\$ 239</b>	<b>\$ 3,571</b>	<b>\$ 11,841</b>
<b>SHOPP - ER NEW REQUESTED TOTAL</b>									<b>\$ 179,246</b>	<b>\$ 14,980</b>	<b>\$ 295,520</b>	<b>\$ 489,746</b>

**FTIP BACK-UP LIST FOR SHOPP -EMERGENCY RESPONSE PROJECTS (VAR170008)**

FOR 2016/2020 PROGRAM YEARS

All amounts in \$1,000

Dist	County	Route	PM	Location/Description	EA	PPNO	FY	Prog Code (20.XX.)	Support	RW	CON	TOTAL
<b>SHOPP - ER PROGRAMMED TOTAL</b>									<b>\$ 169,416</b>	<b>\$ 14,980</b>	<b>\$ 295,520</b>	<b>\$ 479,916</b>
<b>SHOPP - ER DIFFERENCE TOTAL</b>									<b>\$ 9,830</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 9,830</b>