

**GL: Bridge Rehabilitation and
Reconstruction – SHOPP Program
(TIP ID – VAR170010)**

Last updated with 2019 TIP Update

FTIP BACK-UP LIST FOR SHOPP - BRIDGE PRESERVATION PROJECTS (VAR170010)

FOR 2017/2022 PROGRAM YEARS

All amounts in \$1,000

District	County	Route	PM	Location/Description	EA	PPNO	Prog Code (201.XXX)	FY	Support	RW	CON	Project Total
SHOPP - Bridge Preservation												
04	Alameda	880	30.5	In Oakland, at Lake Merrit Channel Bridge No. 33-0027 and 5th Avenue overhead. Bridge replacement.	4A800	0050N	201.110	17-18	\$ 3,220	\$ 6,800	\$ 4,450	\$ 14,470
04	Alameda	880	10.7	In Fremont, at Crandall Creek Bridge No. 33-0273. Seismic retrofit.	4G880	0086Q	201.113	17-18	\$ 4,510	\$ 20	\$ 5,400	\$ 9,930
04	Alameda	238	R14.6	Between Livermore and Hayward, at East Connector Separation Bridge No. 33-0524F, N238/S880 Connector Bridge No. 33-0540G and I-580 Arroyo Seco Bridge No. 33-0066. Bridge maintenance.	4H080	0448E	201.119	17-18	\$ 3,747	\$ 20	\$ 7,164	\$ 10,931
04	Marin	101	10.6/10.9	In San Rafael, from Route 101 northbound off-ramp to 2nd Street at San Rafael Harbor Bridge No. 27-0033. Replace bridge.	4G820	0350H	201.110	17-18	\$ 5,671	\$ 570	\$ 8,546	\$ 14,787
04	Napa	128	19.7/20.7	Near Napa, at Capell Creek Bridge No. 21-0078. Rehabilitate bridge.	4G840	0830B	201.110	17-18	\$ 5,936	\$ 239	\$ 12,710	\$ 18,885
04	Napa	121	9.2/9.4	Near Napa, at Sarco Creek Bridge No. 21-0008. Plant establishment for bridge replacement project.	2A32A	0380N	201.111	17-18	\$ 150	\$ 100	\$ 100	\$ 350
04	Napa	128	R7.4	Near Rutherford, at Conn Creek Bridge No. 21-0021. Replace bridge.	1G430	0587H	201.111	17-18	\$ 6,938	\$ 3,800	\$ 7,165	\$ 17,903
04	Napa	121	6.4	In Napa, at Tulucay Creek Bridge No. 21-0003. Repair bridge girders.	4G920	0086U	201.119	17-18	\$ 1,455	\$ 262	\$ 2,170	\$ 3,887
TOTALS FY 2017/2018									\$ 31,627	\$ 11,811	\$ 47,705	\$ 91,143
04	Alameda	84	13.0/13.6	In Fremont, at Alameda Creek Bridge No. 33-36. Replace bridge.	16030	0084B	201.110	2018-19	\$ 17,799	\$ 275	\$ 24,000	\$ 42,074
04	Contra Costa	4	R12.9	Near Martinez, at Grayson Creek Bridge No. 28-0066 R/L. Replace bridges by Financial Contribution Only (FCO) to Contra Costa Transportation Authority.	22913	0298X	201.111	2018-19	\$ 100	\$ -	\$ 20,500	\$ 20,600
04	Marin	1	33.4	Near Point Reyes Station, at Millerton Gulch Bridge No. 27-0114. Repair damaged embankment and construct retaining wall.	0J570	0480C	201.119	2018-19	\$ 3,710	\$ 450	\$ 4,020	\$ 8,180
04	Napa	29	37.0	In Calistoga, at Napa River Bridge No. 21-0018. Environmental mitigation and plant establishment for bridge replacement project.	3G64A	0587M	201.111	2018-19	\$ 1,190	\$ 85	\$ 500	\$ 1,775
04	San Francisco	101	2.0	Near San Francisco, at Alemany Circle Undercrossing No. 34-0033. Rehabilitate bridge.	3G620	0587D	201.110	2018-19	\$ 10,270	\$ 20	\$ 32,400	\$ 42,690

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04	Santa Clara	280	R2.9/17.8	In San Jose, at Bird Avenue Overcrossing Bridge No. 37-0267 (PM R2.78); also in Los Altos Hills at Arastradero Road Undercrossing Bridge No. 37-0251 L/R (PM 17.8). Bridge seismic restoration.	2J750	1483K	201.113	2018-19	\$ 2,794	\$ 90	\$ 2,414	\$ 5,298
04	Solano	80	1.8/4.4	In Vallejo, from Magazine Street Overcrossing No. 23-0066 to Redwood Street Overcrossing No. 23-0114. Increase vertical clearance at six overcrossing structures. ACCELERATED BRIDGE	0J710	0481R	201.322	2018-19	\$ 6,037	\$ 10	\$ 15,951	\$ 21,998
TOTALS FY 2018/2019									\$ 41,900	\$ 930	\$ 99,785	\$ 142,615
04	Alameda	580	R35.0	In Oakland, at Foothill Boulevard Undercrossing No. 33-0334K. Bridge deck rehabilitation.	0K470	1494K	201.110	2019-20	\$ 631		\$ 360	\$ 991
04	Alameda	580	R8.0	Near Livermore, near Greenville Road at Greenville Overhead No. 33-0121R. Rehabilitate westbound structure.	0J520	0480J	201.110	2019-20	\$ 2,620	\$ 140	\$ 5,979	\$ 8,739
04	Alameda	880	11.3/12.3	In Fremont, from 0.5 mile south to 0.5 mile north of Patterson Slough Bridge No. 33-0250 (PM 11.8). Bridge rehabilitation.	0J530	0480A	201.110	2019-20	\$ 7,304	\$ 427	\$ 11,784	\$ 19,515
04	Alameda	80	5.8	In Berkeley, at University Avenue Overcrossing No. 33-0023. Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)	2K830	1452H	201.322	2019-20	\$ 3,380	\$ -	\$ -	\$ 3,380
04	Alameda	80		In Oakland, at the Routes 80/580/680 MacArthur Maze Bridge No. 33-0061R, 33-0061L, 33-0061L and 33-0611. Establish standard vertical clearance. ACCELERATED BRIDGE (PA&ED Only)	4K810	1460R	201.322	2019-20	\$ 6,600	\$ -	\$ -	\$ 6,600
04	Contra Costa	580	1.2	In Richmond, at Stege Drain Bridge No. 28-0091. Bridge rehabilitation.	2J720	1482Q	201.110	2019-20	\$ 2,569	\$ 5	\$ 5,828	\$ 8,402
04	Napa	121	18.6	Near Napa, at Capell Creek Bridge No. 21-0064. Bridge rehabilitation.	4J210	1489K	201.110	2019-20	\$ 2,060	\$ 225	\$ 2,440	\$ 4,725
04	Napa	29	39.1	Near Calistoga, at Garnett Creek Bridge No. 21-0005. Bridge preventative maintenance.	2J880	1483E	201.119	2019-20	\$ 3,850	\$ 317	\$ 1,100	\$ 5,267
04	Napa	29	32.1/42.8	In and near Saint Helena and Calistoga, at Mill Creek Bridge No. 21-0056, Garnett Creek Branch Bridge No. 21-0111, and No Name Creek Bridge No. 21-0100. Bridge preventive maintenance.	2J770	1482P	201.119	2019-20	\$ 2,696	\$ 495	\$ 2,844	\$ 6,035

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04	San Francisco	101	4.1/R5.1	In the city and county of San Francisco, at the Central Viaduct No. 34-0077 from south of 17th Street to S. Van Ness Avenue ; also, on Route 80 at the Bayshore Viaduct No. 34-0088 from Route 101 to 4th Street (PM 3.9/4.8). Paint superstructure steel members. (G13 Contingency)	2J800	1483S	201.110	2019-20	\$ 12,000	\$ 62	\$ -	\$ 12,062
04	Santa Clara	9	4.9	Near Saratoga, at Saratoga Creek Bridge No. 37-0074. Replace bridge.	3G630	0386F	201.110	2019-20	\$ 6,122	\$ 6,779	\$ 11,668	\$ 24,569
04	Santa Clara	101		In various cities, on Routes 101 and 237 at various locations. Bridge rail upgrade at 8 locations.	0J560	0481H	201.112	2019-20	\$ 6,780	\$ 30	\$ 10,711	\$ 17,521
04	Santa Clara	Var		In various cities, on various routes at Saratoga Creek Bridge, Carnadero Creek Bridge, San Francisco Creek Bridge, San Tomas Aquino Creek Bridge, and Bodfish Creek Bridge. Bridge preventative maintenance.	2J780	1482R	201.119	2019-20	\$ 2,294	\$ 10	\$ 2,391	\$ 4,695
04	Solano	84	12.0/12.4	Near Rio Vista, at Miner Slough Bridge No. 23-0035. Replace bridge.	0G660	0886	201.110	2019-20	\$ 11,098	\$ 2,884	\$ 24,500	\$ 38,482
04	Solano	80	14.6	Near Fairfield, at Suisun Creek Bridge No. 23-0007. Scour mitigation.	4G872	0487R	201.111	2019-20	\$ 2,420	\$ 5	\$ 760	\$ 3,185
04	Solano	80	1.1/34.5	In and near Vallejo, Dixon and Vacaville, at Route 80/29 Separation Bridge No. 23-0087, McCune Creek Bridge No. 23-0084L/R and Horse Creek Bridge No. 23-0077L. Bridge preventative maintenance.	0J600	0480N	201.119	2019-20	\$ 2,816	\$ 423	\$ 1,379	\$ 4,618
04	Solano	80	1.1	In Vallejo, at Route 80/29 Separation Bridge No. 23-0087. Replace bridge. ACCELERATED BRIDGE (PA&ED Only)	2K840	1452F	201.322	2019-20	\$ 7,119	\$ 15	\$ 11,922	\$ 19,056
04	Sonoma	12	25.8/33.3	In and near Sonoma, at Sonoma Creek Bridge No. 20-0027 and Hooker Creek Bridge No. 20-0030. Scour mitigation.	4H050	0269M	201.111	2019-20	\$ 6,669	\$ 150	\$ 9,000	\$ 15,819
TOTALS FY 2019/2020									\$ 89,028	\$ 11,967	\$ 102,666	\$ 203,661
04	Marin	1	28.5	Near Point Reyes Station, at Lagunitas Creek Bridge No. 27-0023. Replace bridge.	0G642	0756K	201.113	2020-21	\$ 10,287	\$ 6,500	\$ 11,552	\$ 28,339

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04	San Francisco	101	2.0/2.9	In the city and county of San Francisco, at Alemany Circle Undercrossing (UC) No. 34-0064K, Alemany Circle UC No. 34-0063S, and Bayshore Boulevard UC No. 34-0047S; also, in San Mateo County in Pacifica, at Paloma Avenue Overcrossing No. 35-0187 (PM R44.21). Upgrade bridge rails.	2K190	1450E	201.112	2020-21	\$ 4,377	\$ 10	\$ 5,461	\$ 9,848
TOTALS FY 2020/2021									\$ 14,664	\$ 6,510	\$ 17,013	\$ 38,187
04	Alameda	84	17.0/17.4	Near Sunol, at Arroyo De La Laguna Bridge No. 33-0043. Replace/rehabilitate bridge for scour mitigation, bridge rail upgrade, and seismic retrofit.	0J550	0481M	201.111	2021-22	\$ 9,313	\$ 500	\$ 13,000	\$ 22,813
04	Alameda	880	15.6/26.5	In Hayward, San Leandro, and Oakland, at Tennyson Road Overcrossing (OC) No. 33-0236 (PM 15.65), Washington Avenue OC No. 33-0166 (PM 20.82), and Damon Slough Southbound onramp No. 33-0142K (PM 26.53); also, on Route 77 in Oakland at San Leandro OC No. 33-0284 (PM 0.29). Upgrade bridge rails, replace joint seals.	2K170	1450C	201.112	2021-22	\$ 4,750	\$ 25	\$ 10,300	\$ 15,075
04	Alameda	880	27.2	In Oakland, at East Creek Slough Bridge No. 33-0143. Mitigate eroded channel side-slope tidal scour and replace bridge approach slabs.	2J760	1483D	201.119	2021-22	\$ 3,180	\$ 100	\$ 2,307	\$ 5,587
04	Contra Costa	24	R3.5	In Orinda, at St. Stephens Drive Overcrossing No. 28-0111. Seismic retrofit.	4J840	1493A	201.113	2021-22	\$ 2,650	\$ 38	\$ 2,067	\$ 4,755
04	Marin	101	11.3	In San Rafael, at Irwin Creek Bridge No. 27-0097. Rehabilitate corrugated metal arch culvert bridge and adjoining deteriorated culvert structures.	0K510	1493K	201.119	2021-22	\$ 2,805	\$ 944	\$ 1,903	\$ 5,652
04	Napa	128	5.1	Near Rutherford, at Hopper Slough Bridge No. 20-0019. Replace bridge.	4J830	1451C	201.110	2021-22	\$ 6,282	\$ 1,514	\$ 7,864	\$ 15,660
04	Napa	29	14.1/19.0	In and near the cities of Napa and Yountville, at Craig Creek Bridge No. 21-0048 (PM 14.11), Dry Creek Bridge No. 21-0014 (PM 16.48), Perfume Creek Bridge No. 21-0051 (PM 17.81), and California Drive Undercrossing No. 21-0047 (PM 19.04). Upgrade bridge rails and widen shoulders to make standard.	0K630	1494E	201.112	2021-22	\$ 5,650	\$ 295	\$ 7,111	\$ 13,056

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04	San Mateo	1	14.0	Near Pescadero, at Pescadero Creek Bridge No. 35-0028. Upgrade bridge rails and repair approach slabs.	4J870	1494G	201.110	2021-22	\$ 3,408	\$ 260	\$ 4,434	\$ 8,102
04	San Mateo	101	7.1	In Redwood City, at Cordilleras Creek Bridge No. 35-0019. Replace bridge to restore structural integrity.	2J730	1483C	201.110	2021-22	\$ 17,625	\$ 4,285	\$ 26,570	\$ 48,480
04	San Mateo	101	0.1/23.4	In East Palo Alto, Redwood City, Belmont, Burlingame, Millbrae, South San Francisco, and Brisbane, from University Avenue Overcrossing to Sierra Point offramp Separation. Upgrade bridge rails at 8 structures.	2J740	1485K	201.112	2021-22	\$ 4,498	\$ 64	\$ 7,748	\$ 12,310
04	San Mateo	280	R0.0/R21.0	In and near Menlo Park and San Bruno, from Alpine Road to Route 380 at Alpine Road Undercrossing No. 35-0009L/R (PM R0.05), Sand Hill Road Overcrossing (OC) (South) No. 35-0007 (PM R1.56), Sand Hill Road OC (North) No. 35-0008 (PM R1.62), and Route 280/380 Separation No. 35-0217L/R (PM R20.97). Structure seismic retrofit.	4J850	1498G	201.113	2021-22	\$ 2,700	\$ 262	\$ 7,470	\$ 10,432
04	San Mateo	1	28.9	In Half Moon Bay, at the Pilarcitos Creek Bridge No. 35-0139L/R; also, on Route 84 at San Gregorio Creek Bridge No. 35-0166 (PM 7.55). Retrofit scour critical bridges to preserve the structural integrity of the bridges by reinforcing with Rock Slope Protection (RSP).	2J790	1483M	201.119	2021-22	\$ 3,850	\$ 343	\$ 1,936	\$ 6,129
04	Solano	84	2.5	Near Rio Vista, at the Cache Slough Ferry Crossing. Upgrade the existing fender systems, concrete ramps, and swing gate systems, modify the ferry boat deck surface, and install traffic counter and Vehicle Detection Systems (VDS).	4H060	0480D	201.119	2021-22	\$ 6,500	\$ 350	\$ 12,630	\$ 19,480
04	Sonoma	101	16.5/19.0	In and near Santa Rosa, at Todd Road Overcrossing (OC) No. 20-0172 (PM 16.54) and Baker Avenue OC No. 20-0173 (PM 19.00); also, in Marin County near Navato, at Miller Creek Road OC No. 27-0082 (PM 15.57). Upgrade bridge rails.	2K240	1451A	201.112	2021-22	\$ 2,548	\$ 116	\$ 4,343	\$ 7,007
04	Sonoma	101	0.0	Near Petaluma, at San Antonio Creek Bridges No. 20-0019L/R. Abutment scour mitigation and channel sediment cleaning to address flooding.	3J080	1487D	201.119	2021-22	\$ 1,890	\$ 160	\$ 997	\$ 3,047

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04	Napa	29	28.4/29.3	In St. Helena, at Sulphur Creek Bridge No. 21-0016 and York Creek Bridge No. 21-0017. Upgrade bridge rails. LONG LEAD	2K150	1462K	201.112	2022-23	\$ 1,040	\$ -	\$ -	\$ 1,040
TOTALS FY 2021/2022									\$ 78,689	\$ 9,256	\$ 110,680	\$ 198,625
SHOPP - Bridge PROGRAMMED TOTAL									\$ 255,908	\$ 40,474	\$ 377,849	\$ 674,231