

SB 1: The Road Repair and Accountability Act of 2017

California counties are seeing a significant influx of new revenue to invest in the local street and road system from Senate Bill 1 (Beall and Frazier), a landmark transportation funding package that was signed by Governor Brown on April 28, 2017. This measure was in response to California's significant funding shortfall to maintain the state's multimodal transportation network which is the backbone of the economy and critical to the quality of life in the Golden State.

SB 1 increased several taxes and fees to raise over \$5 billion annually in new transportation revenues. Moreover, SB 1 provides for inflationary adjustments so that the purchasing power of the revenues does not diminish as it has in the past. SB 1 prioritizes funding towards maintenance and rehabilitation and safety improvements on state highways, local streets and roads, and bridges and to improve the state's trade corridors, transit, and active transportation facilities.

The revenues will be phased-in over several years as follows:

- The fuel tax increase began on November 1, 2017,
- The value-based transportation improvement fee began on January 1, 2018,
- The price-based excise tax will be reset on July 1, 2019, and
- The new zero emissions vehicle fee will begin on July 1, 2020.

Once fully implemented, approximately \$1.5 billion per year in new revenue is earmarked for local streets and roads maintenance and rehabilitation and other eligible uses, including complete streets projects, traffic signals, and drainage improvements. California's counties will share about \$750 million annually, and the same amount will be allocated to cities.

In addition to formula funding, county roads will be eligible to compete for additional funding for active transportation and complete streets projects, congested corridor projects, goods movement improvements, and additional state matching funds for self-help counties that pass sales taxes or impose comprehensive development fees to fund transportation. This funding package is a huge step forward for every Californian who relies on our transportation system.

SB 1 Road Maintenance and Rehabilitation Program - Priority Projects for Year 2019 to 2021

Prepared by Paul Saini, January 07, 2019

Project No.	Project Title & Description	Project Location	Project Type	Road Classification	Distance (miles)	Distance (miles)	Average Width (ft)	Average Improvement Area (\$)	Cost per sq-ft of Improved Area	Cost/SF Weighted Factor	Pavement Condition Index (PCI)	PCI Weighted Factor	Average Daily Traffic (ADT)	ADT Weighted Factor	Average Daily Truck Traffic	ADT Truck Weighted Factor	Speed (mph)	Speed Weighted Factor	# of Collisions	Collision Weighted Factor	# of Fatalities	Fatality Weighted Factor	Useful Life (yrs)	Useful Life Weighted Factor	Total Rank by Factor	Construction Year	District #	Fiscal Budget Year			
																												19/20	20/21	21/22	Total
1	Mitchell Road	SR132 to Tuolumne Bridge	Pavement Resurfacing	Other Principal Arterial	2.0	2.0	78	823,680	\$4.25	4	75	3	25,000	4	2,500	4	55	3	63	3	1	2	15	3	26	2019	District 4	\$3,500,000	\$0	\$0	\$3,500,000
2	Crows Landing Road	Hatch Road to Whitmore Avenue	Pavement Resurfacing	Minor Arterial	1.0	1.0	82	432,960	\$2.54	4	55	3	29,074	4	2,907	4	45	3	161	3	1	2	15	3	26	2019	District 5	\$1,100,000	\$0	\$0	\$1,100,000
3	Albers Road	Claribel to City of Oakdale	Pavement Resurfacing	Minor Arterial/OPA	2.8	2.8	53	769,560	\$1.30	4	70	3	15,214	3	1,521	3	61	4	17	2	2	3	15	3	25	2020	District 1	\$0	\$1,000,000	\$0	\$1,000,000
4	9th Street	Pecos Ave to Tuolumne Bridge	Pavement Resurfacing	Other Principal Arterial	0.8	0.8	66	278,784	\$6.46	3	60	3	19,609	3	1,961	3	35	2	70	3	0	1	15	3	21	2019	District 5	\$1,800,000	\$0	\$0	\$1,800,000
5	Sisk Road & Kiernan Court	Green Leaf Court to Kiernan Avenue	Pavement Resurfacing	Major Collector	0.8	0.8	40	158,400	\$6.94	3	52	3	7,547	2	1,374	2	41	3	26	2	0	1	15	3	19	2020	District 3	\$0	\$1,100,000	\$0	\$1,100,000
6	Crows Landing Road	Catfish Camp to 1200' west	Raise Profile	Major Collector	0.3	0.3	33	43,560	\$10.90	2	72	3	8,439	2	928	2	69	4	17	2	0	1	15	3	19	2020	District 5	\$0	\$475,000	\$0	\$475,000
7	J59 (La Grange Road)	SR132 to Tuolumne County Line	Pavement Resurfacing	Major Collector	2.5	2.5	40	517,440	\$2.90	4	32	2	1,989	1	398	1	55	3	3	1	0	1	5	4	17	2021	District 1	\$0	\$0	\$1,500,000	\$1,500,000
8	Crows Landing Road	SR 99 to 7th	Pavement Resurfacing	Minor Arterial	0.3	0.3	32	55,757	\$23.32	1	40	2	16,815	3	2,000	3	36	2	13	1	1	2	15	3	17	2019	District 5	\$1,300,000	\$0	\$0	\$1,300,000
9	Garner Road	Yosemite Blvd (SR 132) to Leckron	Pavement Resurfacing	Major Collector	1.0	1.0	58	306,240	\$2.45	4	72	3	7,042	1	852	2	58	3	6	1	0	1	10	2	17	2020	District 4	\$0	\$750,000	\$0	\$750,000
10	N. Dakota Avenue	Kansas Avenue to Murphy Road	Pavement Resurfacing	Minor Collector	3.6	3.6	26	494,208	\$5.56	3	48	2	3,156	1	316	1	51	3	22	2	1	2	15	3	17	2021	District 3	\$0	\$0	\$2,750,000	\$2,750,000
11	Warnerville Road and Bentley Road	Tim Bell to Crabtree to Milnes	Pavement Reconstruct	Minor Collector	9.0	9.0	22	1,045,440	\$4.21	4	36	2	155	1	61	1	28	2	22	2	1	2	20	3	17	2019	District 1	\$4,400,000	\$0	\$0	\$4,400,000
12	Faith Home Rd	Levine to Merced County Line	Pavement Resurfacing	Major Collector	3.5	3.5	22	406,560	\$2.95	4	25	1	739	1	236	1	64	4	2	1	0	1	15	3	16	2020	District 2	\$0	\$1,200,000	\$0	\$1,200,000
13	Bradbury Road	Merced County to Crows Landing Rd	Pavement Resurfacing	Major Collector	8.0	8.0	26	1,098,240	\$2.55	4	35	2	2,386	1	630	1	60	3	22	2	0	1	10	2	16	2020	District 2	\$0	\$2,800,000	\$0	\$2,800,000
14	Keyes Road Bridge over T.I.D. Ceres Main Canal	0.6 miles east of Moffet Road	Bridge Replacement	Major Collector	0.6	0.6	25	79,200	\$15.78	1	82	4	5,270	1	527	1	60	3	3	1	0	1	100	4	16	BRIDGE	District 2	\$250,000	\$1,000,000	\$0	\$1,250,000
15	Cooperstown Rd	Willms Road to Fisher Entrance	Pavement Resurfacing	Minor Collector	3.0	3.0	22	348,480	\$0.86	4	77	4	35	1	2	1	35	2	2	1	0	1	10	2	16	2020	District 1	\$0	\$300,000	\$0	\$300,000
16	7th Street	Morgan Road Corp Yard to Pecos	Pavement Resurfacing	Minor Arterial	0.9	0.9	34	159,773	\$8.14	3	60	3	5,694	1	512	1	34	2	19	2	0	1	15	3	16	2021	District 5	\$0	\$0	\$1,300,000	\$1,300,000
17	Monte Vista Ave	City of Turlock to Lester Rd	Pavement Resurfacing	Major Collector	1.3	1.3	29	191,400	\$3.13	4	65	3	6,444	1	644	1	55	3	7	1	0	1	10	2	16	2020	District 2	\$0	\$600,000	\$0	\$600,000
18	Eastin Road Bridge over Orestimba Creek	0.26 miles south of Anderson Road	Bridge Construction	Major Collector	0.1	0.1	24	12,672	\$512.94	1	63	3	904	1	235	1	64	4	0	1	0	1	100	4	16	BRIDGE	District 5	\$0	\$450,000	\$6,050,000	\$6,500,000
19	Kansas Avenue	Carpenter Road to Clark Road	Pavement Resurfacing	Local	3.0	3.0	23	364,320	\$5.42	3	52	3	202	1	20	1	58	3	4	1	0	1	15	3	16	2020	District 3	\$0	\$1,975,000	\$0	\$1,975,000
20	Cooperstown Rd	Fisher Entrance to French Barr Rd	Pavement Resurfacing	Minor Collector	6.0	6.0	22	696,960	\$0.43	4	77	4	35	1	2	1	35	2	2	1	0	1	10	2	16	2019	District 1	\$300,000	\$0	\$0	\$300,000
21	Tenaya Drive	City Limits to S. Riverside Drive	Pavement Resurfacing	Major Collector	1.3	1.3	47	310,200	\$5.22	3	29	2	3,712	1	371	1	45	3	21	2	0	1	10	2	15	2021	District 4	\$0	\$0	\$1,620,000	\$1,620,000
22	Geer Rd and Santa Fe Avenue - Phase 2	Two Way Left Turn at N/W Corner	Pavement Resurfacing	Other Principal Arterial	0.0	0.0	30	3,168	\$315.66	1	82	4	7,057	1	515	1	50	3	10	1	0	1	15	3	15	2021	District 2	\$0	\$0	\$1,000,000	\$1,000,000
23	Tim Bell Road	Claribel to Warnerville	Pavement Resurfacing	Minor Collector	2.0	2.0	22	232,320	\$2.15	4	6	1	155	1	61	1	28	2	2	1	1	2	10	2	14	2020	District 1	\$0	\$500,000	\$0	\$500,000
24	Quincy Road Bridge over T.I.D. Upper Lateral No. 3	South of Taylor Road	Bridge Replacement	Local	0.1	0.1	18	9,504	\$131.52	1	42	2	1,624	1	32	1	50	3	5	1	0	1	100	4	14	BRIDGE	District 2	\$250,000	\$1,000,000	\$0	\$1,250,000
Totals:																												\$12,900,000	\$13,150,000	\$14,220,000	\$40,270,000

BOARD OF SUPERVISOR'S DISTRICTS	Sum of 19/20	Sum of 20/21	Sum of 21/22
District 1	\$4,700,000	\$1,800,000	\$1,500,000
Albers Road Microsurface	\$0	\$1,000,000	\$0
Cooperstown Rd (Double Chip Seal Dirt Road)	\$300,000	\$300,000	\$0
J59 (La Grange Road)	\$0	\$0	\$1,500,000
Tim Bell Road (Resurfacing Dirt Road)	\$0	\$500,000	\$0
Warnerville Road and Bentley Road	\$4,400,000	\$0	\$0
District 2	\$500,000	\$6,600,000	\$1,000,000
Faith Home Rd Overlay	\$0	\$1,200,000	\$0
Keyes Road Bridge over T.I.D. Ceres Main Canal	\$250,000	\$1,000,000	\$0
Monte Vista Ave Microsurface	\$0	\$600,000	\$0
Quincy Road Bridge over T.I.D. Upper Lateral No. 3	\$250,000	\$1,000,000	\$0
Bradbury Road Microsurface Overlay	\$0	\$2,800,000	\$0
Geer Rd and Santa Fe Avenue - Phase 2	\$0	\$0	\$1,000,000
District 3	\$0	\$3,075,000	\$2,750,000
Kansas Avenue	\$0	\$1,975,000	\$0
N. Dakota Avenue	\$0	\$0	\$2,750,000
Sisk Road & Kiernan Avenue Overlay	\$0	\$1,100,000	\$0
District 4	\$3,500,000	\$750,000	\$1,620,000
Garner Road Microsurface	\$0	\$750,000	\$0
Mitchell Road Resurfacing	\$3,500,000	\$0	\$0
Tenaya Drive Rubber Chip W/ Overlay (4)	\$0	\$0	\$1,620,000
District 5	\$4,200,000	\$925,000	\$7,350,000
7th Street Pavement Widening (2-way Left Turn)	\$0	\$0	\$1,300,000
9th Street Overlay	\$1,800,000	\$0	\$0
Crows Landing Road Pavement Resurfacing	\$1,100,000	\$0	\$0
Crows Landing Road Raise Profile	\$0	\$475,000	\$0
Crows Landing Road Two Way Left Turn (TWLT)	\$1,300,000	\$0	\$0
Eastin Road Bridge over Orestimba Creek	\$0	\$450,000	\$6,050,000
Grand Total	\$12,900,000	\$13,150,000	\$14,220,000

Weighted Factor Analysis:

From	To	Factor
0	25	1
26	50	2
51	75	3
76	100+	4

From	To	Factor
0	15	1
16	30	2
31	45	3
46	60+	4

From	To	Factor
0	7500	1
7501	15000	2
15001	22500	3
22501	30000+	4

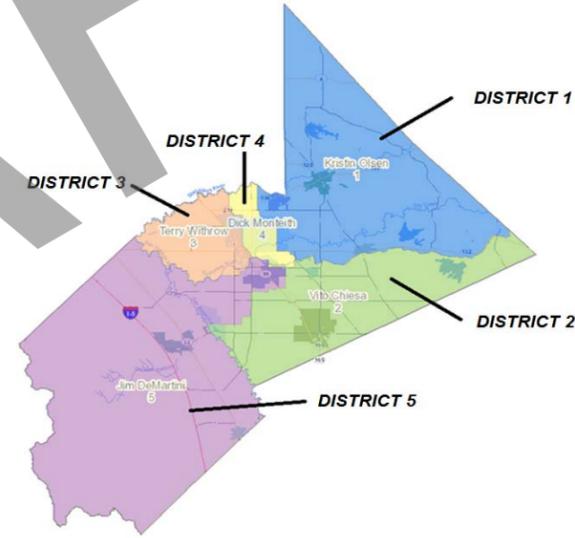
From	To	Factor
16	20+	1
11	15	2
6	10	3
0	5	4

From	To	Factor
0	20	1
21	40	2
41	60	3
61	80+	4

#	Factor
0	1
1	2
2	3
3+	4

From	To	Factor
0	750	1
751	1500	2
1501	2250	3
2251	3000	4

From	To	Factor
0	5	1
6	10	2
11	15	3
16	20+	4



District #	Supervisor	Areas (acres)	% of Area
District 1	Kristin Olsen	279,915	29%
District 2	Vito Chlesa	177,398	18%
District 3	Terry Withrow	60,194	6%
District 4	Tom Berryhill	22,063	2%
District 5	Jim De Martini	432,454	44%
		972,025	100%

District	Sum of 19/20	Sum of 20/21	Sum of 21/22	Sum of Total	% of Total
District 1	\$4,700,000	\$1,800,000	\$1,500,000	\$8,000,000	20%
District 2	\$500,000	\$6,600,000	\$1,000,000	\$8,100,000	20%
District 3	\$0	\$3,075,000	\$2,750,000	\$5,825,000	14%
District 4	\$3,500,000	\$750,000	\$1,620,000	\$5,870,000	15%
District 5	\$4,200,000	\$925,000	\$7,350,000	\$12,475,000	31%
Grand Total	\$12,900,000	\$13,150,000	\$14,220,000	\$40,270,000	100%