



California State Association of Counties
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Background Materials

to

Senate Transportation and Infrastructure Development
Committee

California's Transportation Funding Challenge

Thursday, July 2, 2015

Additional scenarios run January 2015: The statewide backlog at the beginning of 2015 is approximately \$41.8 billion.

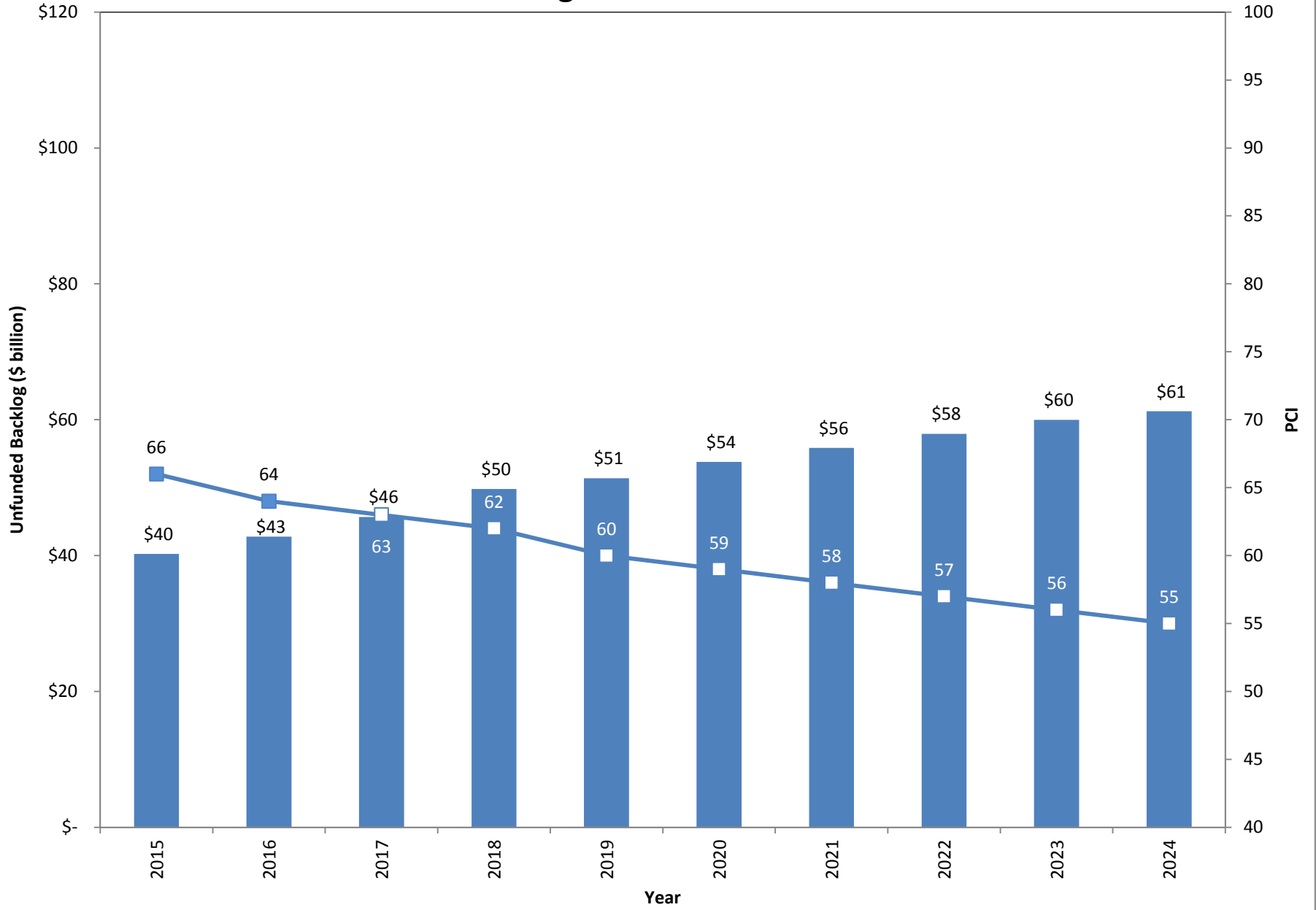
Scenario 1: Existing Revenues Cities and Counties

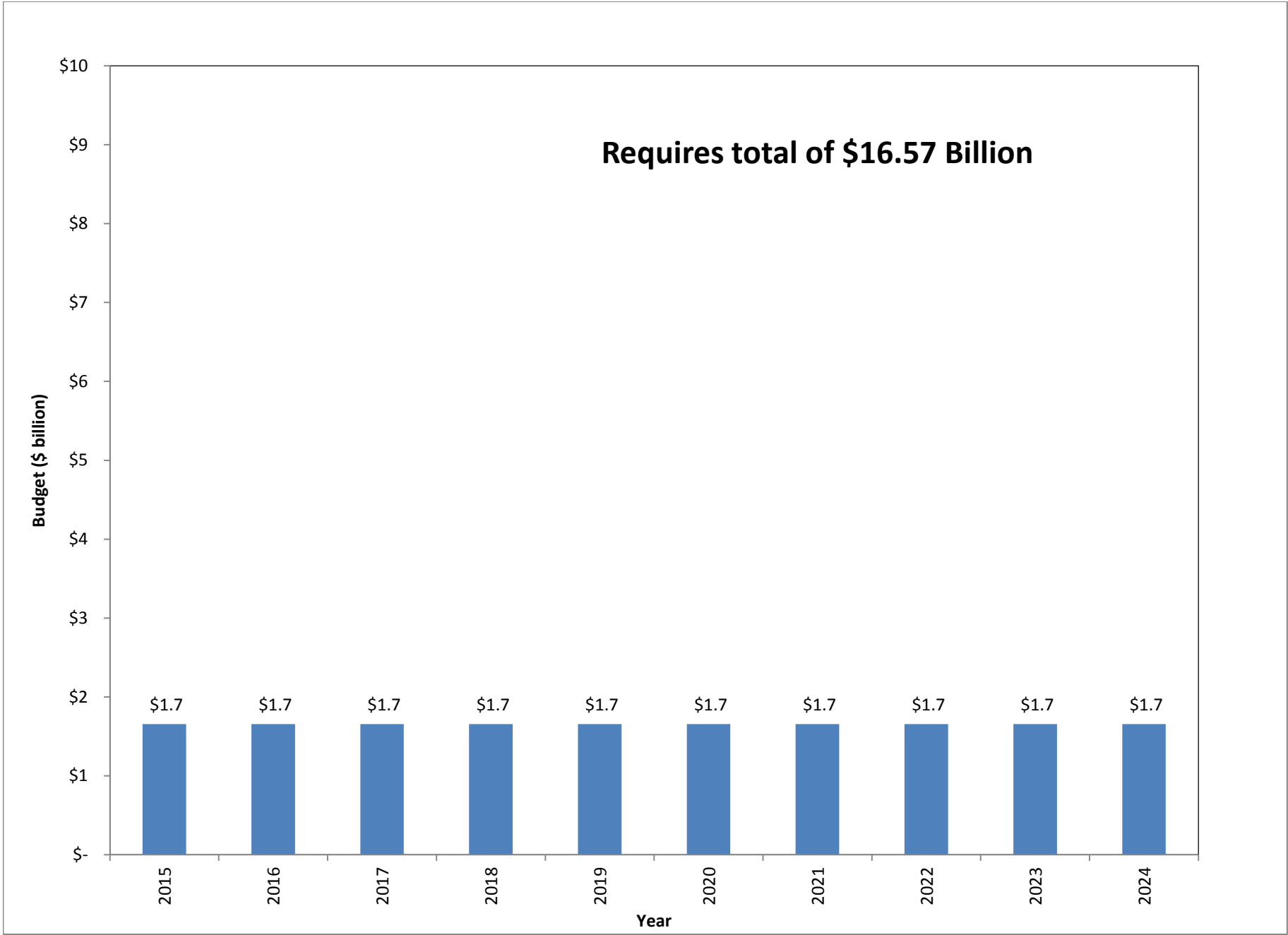
Year No.	Year	Budget (\$ billion)	Backlog (\$ billion)	PCI
1	2015	\$ 1.657	\$ 40.252	66
2	2016	\$ 1.657	\$ 42.790	64
3	2017	\$ 1.657	\$ 45.677	63
4	2018	\$ 1.657	\$ 49.802	62
5	2019	\$ 1.657	\$ 51.369	60
6	2020	\$ 1.657	\$ 53.771	59
7	2021	\$ 1.657	\$ 55.855	58
8	2022	\$ 1.657	\$ 57.924	57
9	2023	\$ 1.657	\$ 59.964	56
10	2024	\$ 1.657	\$ 61.234	55
Total		\$ 16.570		

Scenario 2: Anticipated Revenues of \$3.0 Billion a Year for Ten Years

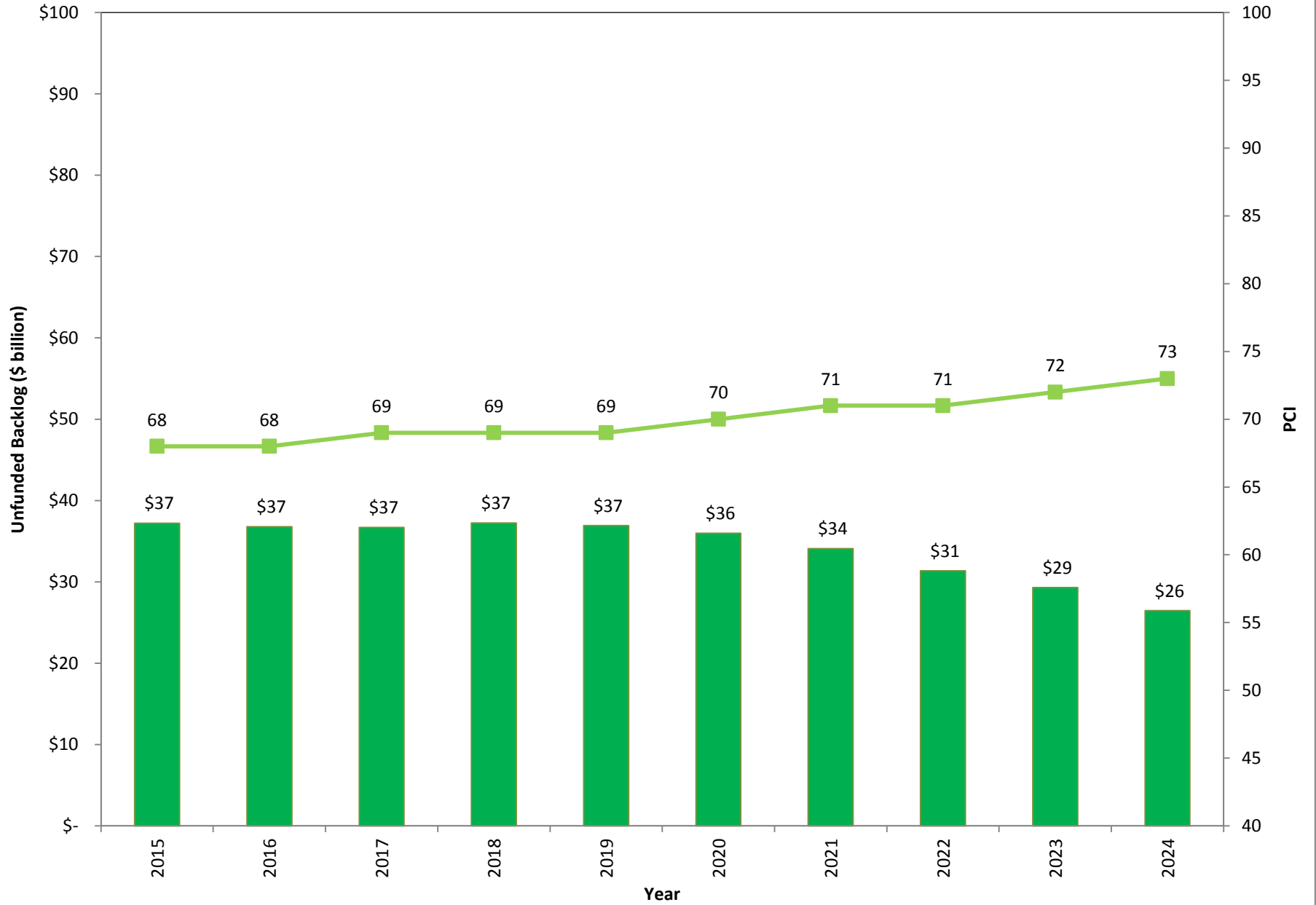
Year No.	Year	Budget (\$ billion)	Backlog (\$ billion)	PCI
1	2015	\$ 4.657	\$ 37.225	68
2	2016	\$ 4.657	\$ 36.792	68
3	2017	\$ 4.657	\$ 36.707	69
4	2018	\$ 4.657	\$ 37.243	69
5	2019	\$ 4.657	\$ 36.924	69
6	2020	\$ 4.657	\$ 35.984	70
7	2021	\$ 4.657	\$ 34.097	71
8	2022	\$ 4.657	\$ 31.362	71
9	2023	\$ 4.657	\$ 29.298	72
10	2024	\$ 4.657	\$ 26.466	73
Total		\$ 46.570		

Scenario 1: Existing Revenues Cities and Counties

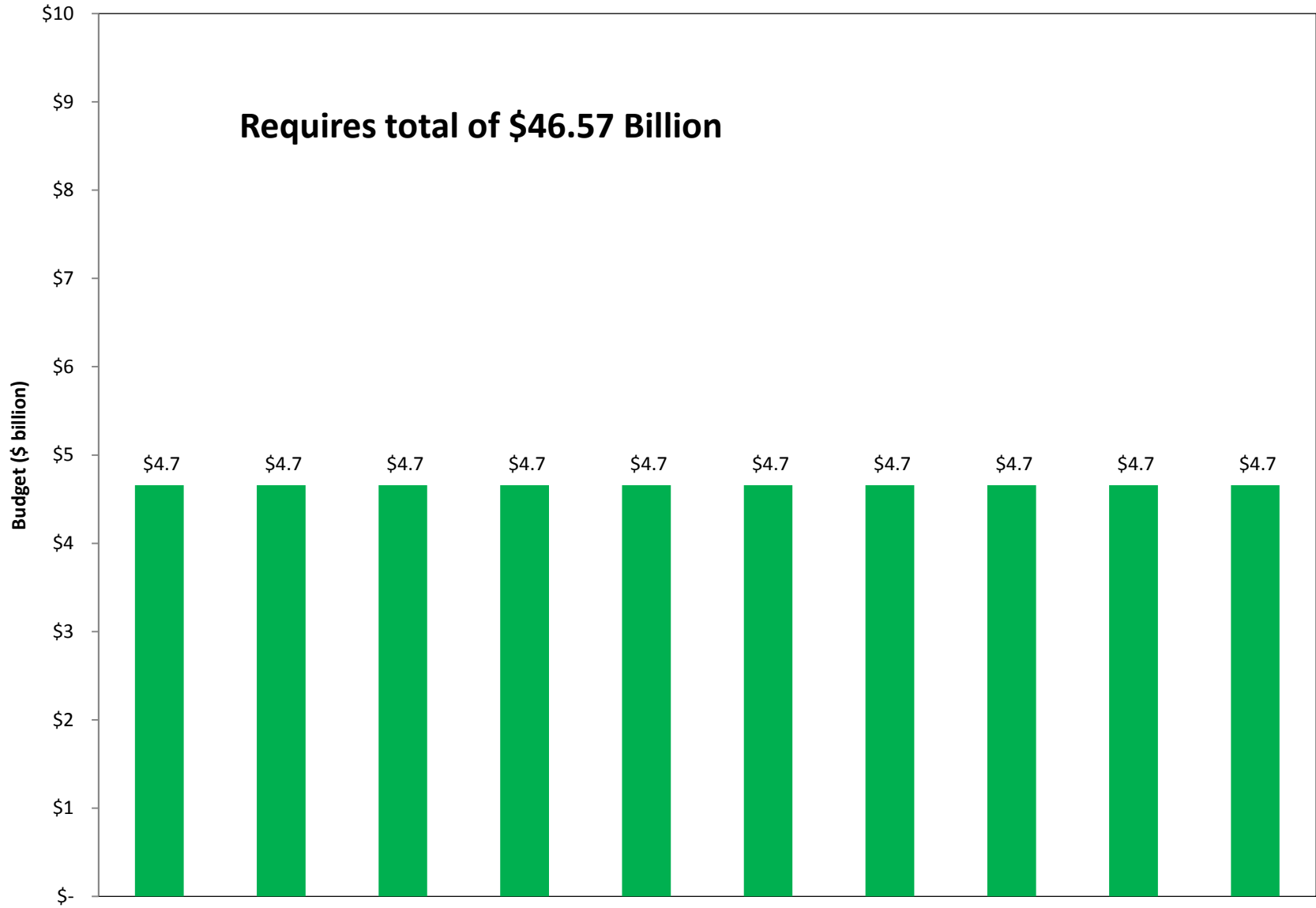




Scenario 2: Anticipated Revenues of \$3.0 Billion a Year for Ten Years



Requires total of \$46.57 Billion



New Local Streets and Roads Funding
Estimated Annual Allocations of \$3 Billion/Year to Cities and Counties (50% Each)

County	NO. OF REGISTERED VEHICLES (11/30/14)	MAINTAINED MILEAGE (11/30/14)	Annual Funding	10-Year Funding
Alameda	1,260,613	470.76	\$ 47,985,035.77	\$ 479,850,357.67
Alpine	3,544	134.96	\$ 901,012.20	\$ 9,010,121.96
Amador	53,484	410.63	\$ 4,275,415.57	\$ 42,754,155.74
Butte	220,438	1,300.00	\$ 15,371,644.47	\$ 153,716,444.69
Calaveras	71,194	689.64	\$ 6,511,135.82	\$ 65,111,358.15
Colusa	28,180	713.24	\$ 5,101,194.57	\$ 51,011,945.69
Contra Costa	928,778	659.84	\$ 37,148,149.98	\$ 371,481,499.78
Del Norte	25,780	300.88	\$ 2,651,003.10	\$ 26,510,031.04
El Dorado	211,539	1,079.31	\$ 13,786,787.02	\$ 137,867,870.24
Fresno	731,518	3,515.79	\$ 46,434,346.43	\$ 464,343,464.31
Glenn	35,384	861.85	\$ 6,211,941.22	\$ 62,119,412.24
Humboldt	145,533	1,206.81	\$ 12,146,518.09	\$ 121,465,180.94
Imperial	168,003	2,567.86	\$ 20,756,346.18	\$ 207,563,461.84
Inyo	27,413	1,133.49	\$ 7,482,846.44	\$ 74,828,464.36
Kern	700,445	3,331.91	\$ 44,263,934.16	\$ 442,639,341.64
Kings	105,858	944.09	\$ 9,215,114.27	\$ 92,151,142.69
Lake	83,796	615.58	\$ 6,539,279.59	\$ 65,392,795.88
Lassen	35,943	881.04	\$ 6,342,035.01	\$ 63,420,350.09
Los Angeles	7,414,236	3,186.50	\$ 284,616,586.05	\$ 2,846,165,860.55
Madera	129,919	1,511.39	\$ 13,331,694.29	\$ 133,316,942.90
Marin	233,788	419.36	\$ 10,802,704.52	\$ 108,027,045.23
Mariposa	27,549	560.50	\$ 4,202,899.97	\$ 42,028,999.66
Mendocino	109,617	1,014.19	\$ 9,752,021.28	\$ 97,520,212.78
Merced	207,137	1,756.37	\$ 17,510,093.29	\$ 175,100,932.91
Modoc	13,409	985.27	\$ 6,130,052.34	\$ 61,300,523.41
Mono	17,038	684.42	\$ 4,535,710.26	\$ 45,357,102.65
Monterey	355,157	1,242.60	\$ 19,882,228.19	\$ 198,822,281.86
Napa	137,660	446.40	\$ 7,504,416.51	\$ 75,044,165.12
Nevada	123,917	562.19	\$ 7,674,512.83	\$ 76,745,128.35
Orange	2,549,270	320.30	\$ 93,416,199.65	\$ 934,161,996.48
Placer	386,049	1,045.00	\$ 19,859,192.95	\$ 198,591,929.51
Plumas	32,116	679.49	\$ 5,049,109.74	\$ 50,491,097.41
Riverside	1,758,296	2,197.83	\$ 75,764,734.04	\$ 757,647,340.38
Sacramento	1,212,653	2,202.02	\$ 56,187,072.93	\$ 561,870,729.28
San Benito	57,556	383.63	\$ 4,266,912.75	\$ 42,669,127.53
San Bernardino	1,651,511	2,553.56	\$ 73,967,915.11	\$ 739,679,151.12
San Diego	2,687,292	1,938.71	\$ 107,652,509.48	\$ 1,076,525,094.79
San Francisco*	476,588	930.75	\$ 22,456,744.96	\$ 224,567,449.65
San Joaquin	585,976	1,651.49	\$ 30,518,252.01	\$ 305,182,520.14
San Luis Obispo	287,017	1,336.25	\$ 17,971,242.44	\$ 179,712,424.42
San Mateo	685,420	315.45	\$ 26,431,440.10	\$ 264,314,401.03
Santa Barbara	372,063	873.29	\$ 18,372,382.22	\$ 183,723,822.17

New Local Streets and Roads Funding
Estimated Annual Allocations of \$3 Billion/Year to Cities and Counties (50% Each)

County	NO. OF REGISTERED VEHICLES (11/30/14)	MAINTAINED MILEAGE (11/30/14)	Annual Funding	10-Year Funding
Santa Clara	1,534,825	633.68	\$ 58,769,815.22	\$ 587,698,152.19
Santa Cruz	243,113	599.74	\$ 12,171,776.77	\$ 121,717,767.74
Shasta	206,592	1,191.19	\$ 14,250,455.67	\$ 142,504,556.74
Sierra	5,495	391.34	\$ 2,440,872.98	\$ 24,408,729.84
Siskiyou	63,625	1,360.91	\$ 10,087,477.90	\$ 100,874,778.98
Solano	374,096	585.25	\$ 16,794,142.49	\$ 167,941,424.88
Sonoma	489,736	1,382.75	\$ 25,520,295.48	\$ 255,202,954.79
Stanislaus	447,256	1,512.78	\$ 24,739,678.64	\$ 247,396,786.38
Sutter	93,565	757.78	\$ 7,705,424.12	\$ 77,054,241.21
Tehama	71,733	1,089.25	\$ 8,821,379.62	\$ 88,213,796.18
Trinity	20,221	692.30	\$ 4,695,230.77	\$ 46,952,307.67
Tulare	355,633	3,037.75	\$ 30,190,548.46	\$ 301,905,484.63
Tuolumne	73,695	608.08	\$ 6,133,415.28	\$ 61,334,152.85
Ventura	742,363	541.87	\$ 29,775,079.31	\$ 297,750,793.08
Yolo	179,580	756.95	\$ 10,790,669.14	\$ 107,906,691.39
Yuba	65,903	656.90	\$ 6,133,370.32	\$ 61,333,703.18
COUNTY TOTALS	31,316,108	65,413.16	\$ 1,500,000,000.00	\$ 15,000,000,000.00
SF City Share	N/A	N/A	\$ 39,195,000.00	\$ 391,950,000.00

*county share only

Table C.1 Pavement Needs by County* (2014 \$)

County (Cities included)	Center Line Miles	Lane Miles	Area (sq. yd.)	2014 PCI	10 Year Needs (2014 \$M)
Alameda County	3,538.15	7,999.12	82,401,946	66	\$2,305
Alpine County	135.00	270.00	1,900,800	44	\$48
Amador County	477.96	958.12	6,485,201	33	\$383
Butte County	1,800.07	3,675.85	26,771,323	66	\$658
Calaveras County	716.98	1,332.66	8,937,332	51	\$374
Colusa County	986.70	1,523.51	12,503,304	62	\$317
Contra Costa County	3,376.49	7,047.81	63,500,917	68	\$1,577
Del Norte County	323.88	643.80	5,334,695	63	\$129
El Dorado County	1,252.70	2,508.40	21,671,673	63	\$635
Fresno County	6,195.51	12,679.92	106,057,018	69	\$2,572
Glenn County	910.42	1,821.73	13,917,626	68	\$354
Humboldt County	1,470.96	2,933.21	24,234,864	64	\$683
Imperial County	2,999.96	6,086.66	45,427,410	57	\$1,236
Inyo County	1,134.80	1,802.50	13,700,999	62	\$308
Kern County	5,026.42	11,648.11	103,132,477	64	\$2,927
Kings County	1,328.00	2,795.72	20,026,009	62	\$598
Lake County	752.70	1,494.45	9,997,345	40	\$436
Lassen County	431.41	878.80	6,282,324	66	\$186
Los Angeles County	21,329.61	57,629.56	459,830,656	66	\$12,971
Madera County	1,822.44	3,680.41	23,490,290	47	\$1,019
Marin County	1,021.14	2,055.14	17,166,574	63	\$488
Mariposa County	1,122.00	561.00	3,949,440	44	\$150
Mendocino County	1,124.43	2,255.81	16,004,034	35	\$625
Merced County	2,330.00	4,954.00	37,182,870	58	\$1,224
Modoc County	1,491.48	2,982.97	17,545,534	46	\$566
Mono County	727.38	1,453.39	10,071,369	67	\$147
Monterey County	1,779.28	3,725.79	33,599,361	50	\$1,389
Napa County	725.80	1,507.56	12,896,309	59	\$429
Nevada County	802.04	1,616.70	10,370,868	71	\$234
Orange County	6,600.63	16,808.28	150,276,239	77	\$2,725
Placer County	1,986.35	4,194.49	34,182,680	69	\$799
Plumas County	703.90	1,408.60	11,409,902	64	\$225
Riverside County	7,560.55	16,834.63	149,403,177	70	\$3,551
Sacramento County	5,053.22	11,284.73	95,918,441	62	\$2,939
San Benito County	452.32	916.23	5,951,814	48	\$261
San Bernardino County	9,106.58	22,249.14	181,002,241	71	\$ 4,103
San Diego County	7,813.98	18,596.42	170,696,012	66	\$5,016

California Statewide Local Streets & Roads Needs Assessment 2014

County (Cities included)	Center Line Miles	Lane Miles	Area (sq. yd.)	2014 PCI	10 Year Needs (2014 \$M)
San Francisco County	989.00	2,135.00	17,758,676	66	\$473
San Joaquin County	3,287.78	6,806.76	60,571,515	73	\$1,245
San Luis Obispo County	1,965.93	4,078.93	32,385,537	64	\$887
San Mateo County	1,864.70	3,904.15	33,272,016	70	\$769
Santa Barbara County	1,587.32	3,375.52	30,610,681	66	\$852
Santa Clara County	4,172.80	9,431.15	92,436,719	68	\$2,314
Santa Cruz County	873.65	1,790.15	14,190,207	57	\$480
Shasta County	1,686.97	3,479.08	26,243,076	60	\$799
Sierra County	398.20	798.65	3,669,765	45	\$116
Siskiyou County	1,519.15	3,049.62	20,519,624	57	\$604
Solano County	1,699.55	3,582.19	27,706,938	65	\$744
Sonoma County	2,371.17	4,922.58	39,557,359	52	\$1,540
Stanislaus County	2,916.30	6,031.63	53,459,748	55	\$2,044
Sutter County	981.51	2,010.93	15,199,498	65	\$385
Tehama County	1,197.49	2,400.88	15,834,143	62	\$437
Trinity County	692.97	1,113.86	11,757,354	60	\$352
Tulare County	3,937.17	8,132.39	60,195,390	68	\$1,482
Tuolumne County	552.70	1,115.65	8,200,702	47	\$369
Ventura County	2,512.86	5,530.08	50,382,156	70	\$1,211
Yolo County	1,328.40	2,457.72	21,290,870	60	\$655
Yuba County	724.40	1,504.26	12,862,583	60	\$404
California	143,671	320,466	2,661,335,629	66	\$72,746
* Includes Cities within County					

Table D.1 Summary of Essential Component Needs By County

County	10 year Needs (\$M)	County	10 year Needs (\$M)
Alameda	\$2,570	Orange	\$2,060
Alpine	\$4	Placer	\$421
Amador	\$5	Plumas	\$31
Butte	\$120	Riverside	\$1,582
Calaveras	\$7	Sacramento	\$1,680
Colusa	\$21	San Benito	\$8
Contra Costa	\$1,370	San Bernardino	\$1,788
Del Norte	\$34	San Diego	\$2,097
El Dorado	\$60	San Francisco	\$2,358
Fresno	\$244	San Joaquin	\$728
Glenn	\$24	San Luis Obispo	\$213
Humboldt	\$186	San Mateo	\$776
Imperial	\$107	Santa Barbara	\$297
Inyo	\$8	Santa Clara	\$1,623
Kern	\$561	Santa Cruz	\$140
Kings	\$109	Shasta	\$203
Lake	\$33	Sierra	\$11
Lassen	\$14	Siskiyou	\$25
Los Angeles	\$4,837	Solano	\$553
Madera	\$108	Sonoma	\$853
Marin	\$323	Stanislaus	\$479
Mariposa	\$6	Sutter	\$114
Mendocino	\$109	Tehama	\$11
Merced	\$127	Trinity	\$10
Modoc	\$4	Tulare	\$301
Mono	\$14	Tuolumne	\$59
Monterey	\$457	Ventura	\$630
Napa	\$184	Yolo	\$239
Nevada	\$27	Yuba	\$25
Totals			\$30,989

* Includes cities within County

Table E.1 Bridge Needs by County* (2012 \$)

County Name	Number of Bridges	Average Sufficiency Rating, SR	Structures with SR ≤ 80	Structures with SR ≤ 50	Total Bridge Need
	EA		EA	EA	\$ Million
Alameda	183	83	55	9	\$120 M
Alpine	11	75	5	1	\$1 M
Amador	39	66	19	9	\$7 M
Butte	291	74	97	46	\$82 M
Calaveras	67	76	27	9	\$11 M
Colusa	148	86	27	11	\$11 M
Contra Costa	287	83	83	15	\$118 M
Del Norte	28	78	11	3	\$12 M
El Dorado	87	66	45	17	\$39 M
Fresno	491	81	156	34	\$72 M
Glenn	167	76	58	22	\$56 M
Humboldt	168	71	64	31	\$119 M
Imperial	137	77	49	16	\$18 M
Inyo	33	78	12	2	\$3 M
Kern	258	87	57	4	\$19 M
Kings	99	89	22	1	\$4 M
Lake	78	73	28	13	\$19 M
Lassen	64	78	24	6	\$8 M
Los Angeles	1,456	85	451	28	\$1,239 M
Madera	155	84	30	16	\$38 M
Marin	112	74	44	16	\$31 M
Mariposa	52	68	24	11	\$16 M
Mendocino	137	74	55	20	\$58 M
Merced	287	80	109	19	\$27 M
Modoc	50	86	9	2	\$1 M
Mono	11	80	3	1	\$1 M
Monterey	133	69	52	31	\$175 M
Napa	104	72	37	19	\$35 M
Nevada	56	72	14	13	\$26 M
Orange	507	84	179	13	\$71 M
Placer	168	77	51	25	\$29 M
Plumas	91	70	41	16	\$34 M
Riverside	429	86	119	10	\$71 M
Sacramento	375	84	86	21	\$168 M
San Benito	46	76	14	7	\$7 M
San Bernardino	480	76	109	91	\$243 M

County Name	Number of Bridges	Average Sufficiency Rating, SR	Structures with SR ≤ 80	Structures with SR ≤ 50	Total Bridge Need
	EA		EA	EA	\$ Million
San Diego	491	87	106	12	\$95 M
San Francisco	23	73	12	3	\$23 M
San Joaquin	323	85	78	14	\$75 M
San Luis Obispo	183	76	83	17	\$37 M
San Mateo	140	78	62	12	\$36 M
Santa Barbara	178	80	47	21	\$54 M
Santa Clara	447	78	118	64	\$204 M
Santa Cruz	99	68	40	23	\$57 M
Shasta	280	80	97	22	\$66 M
Sierra	32	72	11	7	\$13 M
Siskiyou	179	82	31	18	\$32 M
Solano	199	87	41	7	\$24 M
Sonoma	431	77	154	52	\$150 M
Stanislaus	247	78	116	14	\$81 M
Sutter	92	81	41	3	\$3 M
Tehama	309	74	91	56	\$136 M
Trinity	96	77	32	12	\$24 M
Tulare	396	83	133	9	\$29 M
Tuolumne	54	67	25	11	\$10 M
Ventura	178	82	58	10	\$81 M
Yolo	127	76	41	20	\$27 M
Yuba	74	70	24	17	\$30 M