District 04 Mobility Performance Report

2019 Second Quarter:

DEPARTMENT OF TRANSPORTATION

October 24, 2019 District 4-Office of Highway Operations

ABBREVIATIONS

Abs	Absolute
Avg	Average
CA	California
СО	County
MPR	Mobility Performance Report
PeMS	Performance Measurement System
PM	Postmile
Q	Quarter

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District 04 Mobility Performance Report

2019 Second Quarter:

EXECUTIVE SUMMARY

Overview

Caltrans District 4 is comprised of nine counties that border the San Francisco Bay: Alameda (ALA), Contra Costa (CC), Marin (MRN), Napa (NAP), San Francisco (SF), San Mateo (SM), Santa Clara (SCL), Solano (SOL), and Sonoma (SON) Counties. Although these are urban counties, they do contain a large amount of sparsely populated land.

The Mobility Performance quarterly analysis compares information with over a year ago and over last quarter in the following performance measures:

- Vehicle Miles of Travel (VMT)
- Vehicle Hours of Delay (VHD)
- Lost Lane Miles (equivalent lost productivity)
- o Detector Health

This information is based on data collected every day of the quarter, twenty–four hours a day, by automated vehicle detector stations deployed on urban-area freeways where congestion is regularly experienced. The MPR presents congestion information at two speed thresholds: delay from vehicles traveling below 35 miles per hour (mph), and delay from vehicles traveling below 60 mph. The delay at the 35 mph threshold represents severe congestion while delay at 60 mph represents all congestion, both light and heavy. These thresholds are set by Caltrans and are based upon engineering experience and District input.

FINDINGS

Some of the vehicle hours of delay data are missing for Alameda County 2019 Q2 since PeMS has stored this missing data in the District 10 database instead of the District 4 database. As a result, there is a 0.68% difference between the vehicle hours of delay data and the total data collected by route for Alameda County Q2. When compared to the whole district, the missing data only gives an error of 0.20%.

In the Second quarter, total delay equaled 10.9 million VHD at the 35 mph speed threshold, and 21.1 million VHD at the 60 mph threshold. Compared to the same quarter the year before, there was an 2.9% decrease in 35 mph total quarterly delay and 2.1% decrease in 60 mph total quarterly delay.

The average non-holiday weekday delay experienced in this quarter was approximately 134 thousand VHD at 35 mph, and 270 thousand VHD at 60 mph. Thursday was the most congested day of the week. This is similar to Thursday being the most congested day in the same quarter a year ago, but a change from Tuesday being the most congested day the prior quarter and a reversion to what we typically saw in the data for our district throughout the years.

Alameda County with 3.13 million vehicle hours of total delay at 35 mph during the second quarter was the most congested county in the District. This county experienced the largest magnitude decrease of 24.1% from a year ago and the largest magnitude increases of 12.5% from the previous quarter. During this quarter, all detectors along SR84 were not working as they were out of commission in the first quarter of 2019; therefore, no delay was reported by PeMS. This contributed to the decrease in total delay for the Alameda County from a year ago.

Santa Clara County with 2.85 million and Contra costa with 1.52 million vehicle hours of total delay at 35 mph were second and third most congested counties in the District. The top three counties Alameda, Santa Clara, and Contra Costa combine to represent approximately 69% of San Francisco Bay Area's total vehicle hours of delay at 35 mph.

Rank	со	Freeway	Approximate Location	Period	Abs PM	CA PM	# of Active Days	Avg Extent (miles)	Total Delay (veh- hours)	Avg Duration (hours)
1	SCL	US101-S	N 13 th St-Oakland Rd	PM	387.3	37.61	62	6.1	208,857	4.0
2	СС	180-E	Pinole Valley Rd	PM	21.9	8.59	58	5.3	122,174	3.3
3	ALA	1880-N	Tennyson Rd	PM	26.0	15.8	62	5.5	119,127	2.8
4	ALA	180-W	I-880S	AM	7.72	3.41	58	0.5	118,791	3.6
5	ALA	180-E	University Ave	PM	11.0	5.7	64	2.9	104,984	3.4
6	SCL	US101-S	Burnett Ave	PM	368.11	R18.8	59	4.0	100,375	3.7
7	ALA	1880-N	Auto Mall Pkwy	PM	15.1	4.84	61	2.6	86,128	4.4
8	СС	SR24-E	Pleasant Hill Rd	PM	12.28	7.91	61	2.8	85 <i>,</i> 833	3.2
9	SCL	1280-S	Bird Ave	PM	2.85	R2.85	56	2.76	84,216	3.2
10	ALA	1880-N	29th Ave	AM	38.9	28.65	63	3.8	81,803	2.4

Top Ten Bottlenecks for the 2019 Second Quarter:



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VILI-INTER Difference Difference Difference Difference Difference Difference Partence Difference Partence Difference Partence Pa	Congestion by Route											
Route Courny 2019 Q2 2019 Q2 4019 Q2 2019 Q2 4019 Q2 201 Q2 20			Vehicle Hours of Delay at 35 mph			Difference 2019 Q2-2018 Q2		Diff 2019 G	erence 2-2019 Q1	Rank		
1890 Ahmedia 707.309 734.028 901.07 148.088 19.465 12.276 14.97 14.97 33 32 1800 Ahmedia 1.094.0411 830.736 630.709 -223.275 -92.05 1.195 2 1 3 3 2 1800 Ahmedia 1.155.246 565.578 702.412 423.263 392.96 11.854.44 24.195 3 2 1801 Santa Chan 465.578 370.089 577.539 -77.066 -11.896 26.644 7 7 5 9 6 5 5 9 6 5 7 16 55.74 7 11.896 55.14 -10.274 8 5 8 8 8 3 3 2 7 11.897 55.44 -10.274 4.976 11.1 8 9 10 10 10 10 10 10 10 10 10 10 10 11 11 11<	Route	County	2018 Q2	2019 Q1	2019 Q2	Absolute	Percentage	Absolute	Percentage	2018 Q2	2019 Q1	2019 Q2
US100 Santa Clan 79/425 707,594 800,749 0.0234 8.8% 99,156 12.1% 23 3 2 B80 Almeda 11,155.246 955.78 702,412 452.835 3.92% 1136.434 24.1% 1 4 4 I280 Santa Chan 465,445 946,468 587,059 -77,026 11.8% 28.46 7 7 5 S1810 Santa Chan 501,663 495,426 550,503 33.840 7.7% 45.077 9.1% 6 6 6 7 US101 Santa Mato 448.884 51.783 32.238 0.1% 53.244 0.12% 8 5 8 S1210 San Francisco 320.651 310.651 32.238 0.16 3.77 0.11 1.8 9 I80 Contra Costa 322.37 27.48 8.789 2.12% 1.23% 1.13% 1.13 1.11 1.11 S14 Contra Costa <th< td=""><td>1580</td><td>Alameda</td><td>767,399</td><td>784,028</td><td>916,307</td><td>148,908</td><td>19.4%</td><td>132,279</td><td>16.9%</td><td>4</td><td>2</td><td>1</td></th<>	1580	Alameda	767,399	784,028	916,307	148,908	19.4%	132,279	16.9%	4	2	1
IS80 Alumeda 1.094.041 830.745 830.745 -224225 -22.275 90.25 1.1% 2 1.4 4 4 ID80 Santa Chm 465.455 507.0411 242.535 -92.75 106.43 24.1% 1 4 4 4 ID80 Santa Chm 465.455 464.448 587.09 -17.106 -11.8% 20.84.50 56.344 -10.278 6 6 Static Contra Costa 331.556 54.030 332.38 10.4% 43.554 -10.784 -4.594 11 8 9 IS80 Contra Costa 331.556 331.556 332.31 10.4% 35.834 11.3% 10.8 6.074 10.1 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11	US101	Santa Clara	791,425	767,594	860,749	69,324	8.8%	93,156	12.1%	3	3	2
190 Ahmedia 1,155,246 955,978 70,212 4-52,857 -30,278 101,44 20,478 70 75 LISI01 Sonoma 655,576 370,089 578,539 777,056 11,38% 208,450 56,374 75 96 SIRI01 Santaco 408,063 494,526 544,500 338,400 7.7% 45,077 0,144 6 6 6 77 SIRI01 Santaco 408,088 541,135 445,500 338,400 7.7% 45,077 0,124 0.102,101 8 9 Biol Contra Costa 333,591 332,234 352,238 10,44 44,97 41 11 11 SR2 Santa Costa 323,570 322,517 322,517 323,51 8,79 32,124 12,54 135 14 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11	1880	Alameda	1,094,041	830,745	839,769	-254,272	-23.2%	9,025	1.1%	2	1	3
1280 Santa Chan 465.945 464.488 S70.94 121.49 26.0% 122.5% 22.6% 2.7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 9 1% 6 6 7 S8R4 Santa Clan 501.65 455.02 77.04 18.0% 55.341 41.0% 55.41 47.0% 8 5 8 S8R2 Contra Costa 3315.96 315.564 315.78 32.312 10.4% 33.824 11.3% 15 10 10 10 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11	180	Alameda	1,155,246	565,978	702,412	-452,835	-39.2%	136,434	24.1%	1	4	4
USH01 Sonoma 655.76 370.089 578.39 -77.046 -11.8% 208.450 55.8 5 6 7 SR85 Santa Can 501.663 495.020 540.903 338.840 7.7144 18.9% -55.414 -10.2% 68 5 8 SR24 Contra Costa 333.918 377.234 355.849 21.571 6.6% -16.745 4.45.9 11 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 10.6% 35.428 11.3% 15 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 10 0 0 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	I280	Santa Clara	465,945	464,498	587,094	121,149	26.0%	122,596	26.4%	7	7	5
SR85 Santa Chan 501.663 495.42 53.89 77.99 45.97 45.77 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79 45.79	US101	Sonoma	655,576	370,089	578,539	-77,036	-11.8%	208,450	56.3%	5	9	6
USH01 San Mateo 448,808 54.1315 445500 71.994 18.99 -55.414 -10.2% 48 5 9 SR24 Contn Costa 331,850 315,964 317,284 32,385 0.0.4% 35,284 11.3% 11 6.8 9 IG80 Contn Costa 273.81 297.482 273.901 22,048 27.974 16.648 4.4 11 11 12 12 IS0 Contn Costa 273.81 297.482 297.901 22,048 27.974 14.63 27.974 14.974 12.974 14.974 12.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 14.974 1	SR85	Santa Clara	501,663	495,426	540,503	38,840	7.7%	45,077	9.1%	6	6	7
SR2A Contra Costa 333,918 372,24 355,889 21,271 6.9% -16,745 4.9% 11 8 9 1680 Contra Costa 318,550 315,964 313,594 323,238 10.4% 358,24 11.3% 11 11 11 SR4 Contra Costa 275,183 297,801 22,68 8.2% 373 0.1% 17 12 12 SR4 Contra Costa 328,378 224,80 237,774 -0.02% 1.2% 15,613 5.7% 1.6 1.3 1.4 ISO Contra Costa 328,378 224,800 237,77 7.06,68 2.18% 1.881 8.0% 1.3 1.6 1.6 SR0 Almenda 232,378 23,948 23,834 13,919 1.9 1.8 8.0% 1.3 1.8 1.8 1.8 4.0 1.3 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8 1.8	US101	San Mateo	408,808	541,315	485,902	77,094	18.9%	-55,414	-10.2%	8	5	8
1680 Contra Costa 315,594 35,784 11.3% 15 10 10 US101 San Francisco 320,661 310,657 229,315 86,654 2.7% 18,668 6.0% 14 11 11 BK4 Contra Costa 275,183 297,428 292,091 75,799 21,2% 32,812 12,6% 9 144 131 BK0 Contra Costa 328,376 225,171 207,307 55,60 -02% 15,593 6.2% 112 115 55,7% 116 13 144 BK0 Contra Costa 328,376 225,171 207,037 -70,648 21,8% 16,881 8.6% 13 16 16 16 16 16 16 16 16 16 16 16 16 11,3% 46,613 25,5% 18 10 17 28 19 12 23 18 30,373 50,31 10,37% 13 14 12 22	SR24	Contra Costa	333,918	372,234	355,489	21,571	6.5%	-16,745	-4.5%	11	8	9
USIDI San Francisco 330.661 330.657 329.315 8.654 2.7% 18.68 6.0% 1.14 1.11 SR4 Contra Costa 275.485 297.402 297.801 22.668 8.2% 373 0.1% 1.7 1.2 1.2 SR237 Santa Clan 292.255 276.117 291.730 -526 -0.2% 15.593 5.2% 1.2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	I680	Contra Costa	318,550	315,964	351,788	33,238	10.4%	35,824	11.3%	15	10	10
SR4 Contra Costa 275,183 297,423 297,691 22,618 8.2% 373 0.1% 171 121 121 I80 Solano 371,492 259,881 292,693 -78,799 -21,2% 32,213 12,26% 15,613 5.7% 16 13 141 I80 Contra Costa 332,376 223,215 267,747 -60,629 18,8% 15,933 6,2% 112 15 15 I680 Akmeda 324,378 234,890 253,770 -70,668 -21,8% 18,881 8.0% 13 16 16 SR17 Solano 188,108 138,486 223,948 35,540 191,916 18,334 46,613 2.5% 18 22 17 SR1 San Francisco 3,682 139,215 191,016 187,334 508,74% 51,800 37,2% 42 22 18 SR10 Santa Clara 12,048 14,345 183,47 21,013 15,7% <	US101	San Francisco	320,661	310,657	329,315	8,654	2.7%	18,658	6.0%	14	11	11
180 Solano 371,492 229,881 292,093 -78,799 -21.2% 32,812 12.6% 9 14 13 SR237 Santa Clara 202,255 276,117 291,730 -526 -0.2% 15,613 5.7% 16 13 14 B00 Contra Costa 323,76 222,154 267,747 -60,629 18.5% 15,593 6.2% 12 16 15 B80 Alameda 324,378 224,080 25,37,70 -70,608 -21.8% 18.881 8.0% 13 16 16 SR0 Sana Mateo 128,478 229,07 -2,91,77 -11.3% 446,613 2.5% 12 21 17 20 SR1 San Francisco 123,709 218,178 5,238 -2,3% 113,019 107,5% 42 22 21 120 I280 Sant Acan 12,168 10,168 15,353 5,180 3,180 32,241 2.55 I800	SR4	Contra Costa	275,183	297,428	297,801	22,618	8.2%	373	0.1%	17	12	12
SR237 Santa Clara 292,255 276,117 291,730 -526 -0.2% 15,613 5.7% 16 13 14 I80 Contra Costa 328,376 252,154 267,747 -40,629 -18,5% 15,613 5.7% 12 15 15 I680 Alimeda 324,378 223,4490 253,770 -70,068 21.8% 18,881 8,80% 13 16 16 SR0 San Francisco 228,479 113,178 45,238 -2.3% 113,019 107,5% 19 28 19 J280 San Francisco 3.682 139,215 191,016 187,324 508,7% 51,801 3.72% 42 22 21 I880 Santa Clara 126,187 196,601 17,759 45,128 20,9% 22,633 -13,0% 42 22 21 I880 Santa Clara 122,080 161,206 157,551 35,470 29,1% 3,4568 10,433 144 22,6	180	Solano	371,492	259,881	292,693	-78,799	-21.2%	32,812	12.6%	9	14	13
I80 Contra Costa 3283.76 252.154 267.747 -60,629 -18.5% 15.593 6.6% 12 15 15 I680 Alameda 324,378 223.480 255.770 -70.068 -21.8% 18.5%1 8.0% 13 16 16 SR02 San Matco 228.209 18.2478 220.002 -29.17 11.3% 46.613 225.5% 18 19 17 SR37 Solano 188.108 138.486 223.948 35.840 19.1% 85.462 61.7% 21 23 18 I80 San Francisco 3.682 139.215 191.016 187.34 5087.4% 51.801 37.2% 42 22 17 20 SR1 San Francisco 3.662 139.215 191.016 187.34 5087.4% 51.801 3.7% 42 22 23 I680 Santa Clara 120.02 161.206 157.551 35.470 29.1% -3.656 -2.3%	SR237	Santa Clara	292,255	276,117	291,730	-526	-0.2%	15,613	5.7%	16	13	14
I680 Alameda 324,378 234,890 253,770 -70,608 -21,8% 18,881 8.0% 13 16 16 SR02 San Mateo 258,269 182,478 229,092 -29,177 -11,3% 44,613 25.5% 18 19 17 SR17 Scolano 188,108 133,846 622,394 143,5% -22,3% 113,019 107,5% 19 223 17 20 SR1 San Francisco 3.682 139,215 191,016 187,334 508,74% 51,801 37,2% 42 22 21 I880 Santa Clara 216,187 199,6691 171,059 45,128 -20,9% -25,633 -13,0% 24 422 223 I680 Santa Clara 122,080 161,206 157,551 35,470 29,1% -3,456 -2,2% 24 42 25 SR23 Alameda 121,072 139,291 153,383 32,311 2,67% 14,092 10,1%	180	Contra Costa	328,376	252,154	267,747	-60,629	-18.5%	15,593	6.2%	12	15	15
SR92 San Mateo 258,269 1182,478 229,092 -29,177 -11.3% 46,613 25.5% 18 19 17 SR17 Sohano 188,108 138,486 223,948 35,540 19.1% 85,62 6.7.% 21 23 18 B80 San Funcisco 223,415 105,159 221,8178 5.238 -2.3% 113,019 10075% 42 22 17 San Mateo 183,709 219,306 209,957 26,249 14.3% -9,348 4.4.3% 22 17 20 SR1 San Francisco 3.652 139,215 191,016 187,334 5087.4% 51,010 -3.3% 42 22 21 IS80 Contra Costa 61,463 77,335 163,33 101,000 165,8% 84,978 108,4% 34 42 25 SR02 Alarneda 117,072 152,83 32,311 2.6.7% 14,002 101.% 28 21 26	I680	Alameda	324,378	234,890	253,770	-70,608	-21.8%	18,881	8.0%	13	16	16
SR37 Solano 188,108 138,486 223,948 35,840 19,1% 85,462 61.7% 21 23 18 180 San Francisco 223,415 105,159 218,178 -5,238 -2,3% 113,019 107,5% 19 28 19 1200 San Mato 183,709 219,306 209,957 26,249 14,3% -9,348 4.3% 42 22 21 1800 Sant Charn 216,187 196,061 171,059 -45,128 -20,9% -25,33 -13,0% 40 32 223 1880 Contra Costa 61,463 78,385 163,263 101,900 165,8% 84,978 108,4% 34 42 22 1880 Santa Charn 121,072 139,291 153,383 32,211 26,7% 14,092 101,% 28 21 26 SR12 Solano 114,650 79,256 131,156 34,344 2,6% 51,900 65,5% 24 <	SR92	San Mateo	258,269	182,478	229,092	-29,177	-11.3%	46,613	25.5%	18	19	17
I80 San Francisco 223,415 105,159 218,178 -5,238 -2.3% 113,019 107.5% 19 28 19 I280 San Matco 183,709 219,306 209,957 26,234 14,3% -9,348 4,3% 22 17 20 SR1 San Francisco 3,662 139,215 191,016 187,334 5087,4% 51,810 37,2% 42 22 21 I880 Santa Clara 216,187 196,601 171,059 45,128 -20,0% -25,633 -13,0% 04 02 24 25 I880 Santa Clara 122,080 161,206 157,551 35,770 29,1% -3,666 -2,3% 20 24 25 SR28 Alameda 112,072 139,291 153,383 32,311 26,7% 14,092 101,1% 28 21 26 SR12 Solano 134,670 79,256 131,156 -3,494 -2,6% 51,300 -3,9%	SR37	Solano	188,108	138,486	223,948	35,840	19.1%	85,462	61.7%	21	23	18
1280 San Mateo 183,709 219,306 209,957 26,249 14.3% 9.348 4.3% 22 17 20 SR1 San Francisco 3,682 139,215 191,016 187,334 5087,4% 51,801 37,2% 42 22 21 1880 Santa Clara 216,187 196,691 171,059 45,128 -20,9% -25,633 -13,0% 20 18 223 1680 Contra Costa 61,463 78,385 163,363 101,900 165,5% 84,978 108,4% 34 32 23 SR26 Alameda 177,303 134,072 155,085 -22,218 -12,5% 21,013 15,7% 23 24 25 SR24 Alameda 177,303 134,072 155,085 -22,218 -14,090 10,1% 28 21 26 SR12 Solano 134,650 79,256 131,156 -3,494 -2,6% 51,900 65,5% 24 31 <t< td=""><td>180</td><td>San Francisco</td><td>223,415</td><td>105,159</td><td>218,178</td><td>-5,238</td><td>-2.3%</td><td>113,019</td><td>107.5%</td><td>19</td><td>28</td><td>19</td></t<>	180	San Francisco	223,415	105,159	218,178	-5,238	-2.3%	113,019	107.5%	19	28	19
SR1 San Francisco 3.682 139,215 191,016 187,334 5087.4% 51,801 37.2% 42 22 21 1880 Santa Clara 216,187 196,691 171,059 -45,128 -20,9% -25,533 -13,0% 20 18 22 1580 Contra Costa 61,463 78,385 163,363 101,900 165,8% 84,978 108,4% 34 32 23 1680 Santa Clara 122,080 161,206 157,551 35,470 29,1% -3,565 -2,3% 26 20 24 SR238 Alameda 177,303 134,072 155,085 -22,218 -12,5% 21,013 15,7% 23 24 25 SR12 Solano 134,650 79,256 131,156 -3,494 -2,6% 51,900 65,5% 24 31 27 29 SR24 Alameda 126,405 100,431 114,721 -11,683 -9,2% 14,290 14,2%	1280	San Mateo	183,709	219,306	209,957	26,249	14.3%	-9,348	-4.3%	22	17	20
B80 Santa Clara 216,187 196,691 171,059 -45,128 -20,9% -25,633 -13,0% 20 18 22 IS80 Contra Costa 61,463 78,385 163,363 101,900 165,8% 84,978 108,4% 34 32 23 IS80 Santa Clara 122,080 161,206 157,551 35,470 29,1% -3,656 -2.3% 26 20 24 SR238 Alameda 117,303 134,072 155,985 -22,218 -12,5% 21,013 15,7% 23 24 25 SR24 Alameda 12,072 139,291 153,383 32,311 26,7% 14,002 10,1% 28 21 26 SR12 Solano 134,650 79,256 131,156 -3,494 -2,6% 51,900 65,5% 24 31 27 29 27 29 29 27 29 30 38 14,320 14,230 14,2% 25 29 </td <td>SR1</td> <td>San Francisco</td> <td>3.682</td> <td>139.215</td> <td>191.016</td> <td>187.334</td> <td>5087.4%</td> <td>51,801</td> <td>37.2%</td> <td>42</td> <td>22</td> <td>21</td>	SR1	San Francisco	3.682	139.215	191.016	187.334	5087.4%	51,801	37.2%	42	22	21
IS80 Contra Costa 61,463 78,385 163,363 101,900 165,8% 84,978 108,4% 34 32 23 1680 Santa Clara 122,080 161,206 157,551 35,470 29,1% 3,656 -2.3% 26 20 24 SR238 Alameda 177,303 134,072 155,085 -2.2,218 -12,5% 14,092 10.1% 28 21 26 SR12 Solano 134,650 79,256 131,156 -3,494 -2,6% 51,000 65,5% 24 31 27 1280 San Francisco 75,162 132,492 127,362 52,200 69,4% -5,130 -3.9% 31 25 28 US101 Marin 116,632 108,844 126,196 9,834 8,5% 17,533 15,9% 29 27 29 30 SR17 Santa Clara 121,204 71,438 110,662 -10,542 -8,7% 39,224 54,49% <td< td=""><td>1880</td><td>Santa Clara</td><td>216,187</td><td>196.691</td><td>171.059</td><td>-45,128</td><td>-20.9%</td><td>-25.633</td><td>-13.0%</td><td>20</td><td>18</td><td>22</td></td<>	1880	Santa Clara	216,187	196.691	171.059	-45,128	-20.9%	-25.633	-13.0%	20	18	22
Ibbox Ibbox <th< td=""><td>1580</td><td>Contra Costa</td><td>61,463</td><td>78,385</td><td>163,363</td><td>101,900</td><td>165.8%</td><td>84,978</td><td>108.4%</td><td>34</td><td>32</td><td>23</td></th<>	1580	Contra Costa	61,463	78,385	163,363	101,900	165.8%	84,978	108.4%	34	32	23
BR238 Alameda 177,303 134,072 155,085 -22,218 -12.5% 10.13 15.7% 23 24 25 SR238 Alameda 121,072 139,291 153,383 32,311 26.7% 14,092 10.1% 28 21 26 SR12 Solano 134,650 79,256 131,156 -3,494 -2.6% 51,900 65.5% 24 31 27 1280 San Francisco 75,162 132,492 127,362 52,200 69,4% 51,300 -3,9% 31 25 28 US101 Marin 116,362 108,844 126,196 9,834 8.5% 17,353 15.9% 29 27 29 SR24 Alameda 126,405 100,431 114,721 -11.683 -9,2% 14,290 14,2% 25 29 30 SR37 Sonoma 73,220 69,648 95,302 20,282 30,2% 25,654 36,85% 33 30	1680	Santa Clara	122.080	161.206	157,551	35,470	29.1%	-3.656	-2.3%	26	20	24
SR02 Alameda 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 12100 121000 121000 121000	SR238	Alameda	177 303	134 072	155.085	-22.218	-12.5%	21 013	15.7%	23	24	25
SR12 Solano 134,650 79,256 131,156 -3,494 -2,6% 51,900 65,5% 24 31 27 1280 San Francisco 75,162 132,492 127,362 52,200 69,4% -5,130 -3,9% 31 25 28 US101 Marin 116,362 108,844 126,196 9,834 8,5% 17,353 15,9% 29 27 29 SR24 Alameda 126,405 100,431 114,721 -11,683 -9,2% 14,290 14,2% 25 29 30 SR17 Santa Clara 79,953 128,635 108,033 28,080 35,1% -20,602 -16,0% 30 26 32 SR37 Sonoma 73,220 69,648 95,302 22,028 32,2% 25,564 36,8% 32 34 33 SR42 Contra Costa 67,990 88,300 83,813 15,823 23,3% -4,488 -5,1% 33 30	SR92	Alameda	121 072	139 291	153 383	32,311	26.7%	14 092	10.1%	28	21	26
Bane Francisco 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 151102 <th< td=""><td>SR12</td><td>Solano</td><td>134 650</td><td>79 256</td><td>131,156</td><td>-3 494</td><td>-2.6%</td><td>51 900</td><td>65.5%</td><td>24</td><td>31</td><td>27</td></th<>	SR12	Solano	134 650	79 256	131,156	-3 494	-2.6%	51 900	65.5%	24	31	27
Lice Diric Diric <thd< td=""><td>1280</td><td>San Francisco</td><td>75 162</td><td>132 492</td><td>127 362</td><td>52 200</td><td>69.4%</td><td>-5 130</td><td>-3.9%</td><td>31</td><td>25</td><td>28</td></thd<>	1280	San Francisco	75 162	132 492	127 362	52 200	69.4%	-5 130	-3.9%	31	25	28
SR24 Alameda 126,05 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 116,75 </td <td>US101</td> <td>Marin</td> <td>116 362</td> <td>108 844</td> <td>127,302</td> <td>9,834</td> <td>8.5%</td> <td>17 353</td> <td>15.9%</td> <td>29</td> <td>27</td> <td>29</td>	US101	Marin	116 362	108 844	127,302	9,834	8.5%	17 353	15.9%	29	27	29
Alterior Financial	SR24	Alameda	126 405	100,811	114 721	-11 683	-9.2%	14 290	14.2%	25	29	30
SR87 Santa Clara 79,953 128,635 108,033 28,080 35.1% -20,602 -16.0% 30 26 32 SR37 Sonoma 73,220 69,648 95,302 22,082 30.2% 25,654 36.8% 32 34 33 SR242 Contra Costa 67,990 88,300 83,813 15,823 23.3% -4,488 -5,1% 33 30 34 1680 Solano 48,679 13,870 77,437 28,788 59,1% 66,566 458.3% 35 37 35 SR12 Napa 12,811 26,155 34,630 21,820 170.3% 8,475 32.4% 37 35 36 I580 Marin 6,792 16,552 23,101 16,309 240.1% 6,550 39,6% 41 36 37 SR37 Marin 18,995 10,820 17,619 -1,377 -7.2% 6,799 62.8% 36 39 39 1980 Alameda 9,359 12,076 14,219 4,860 51.9%<	SR17	Santa Clara	120,403	71 438	110,662	-10 542	-9.270	39 224	54.9%	27	33	31
Starta Starta<	SR87	Santa Clara	79,953	128 635	108.033	28 080	35.1%	-20,602	-16.0%	30	26	32
SR17 Solano 15,22 50,040 15,22 50,040 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 12,020 13,030 34 I680 Solano 48,679 13,870 77,437 28,758 59,1% 63,568 458,3% 35 37 35 36 SR12 Napa 12,811 26,155 34,630 21,820 170,3% 8,475 32,4% 37 35 36 SR12 Santa Clara 0,792 16,552 23,101 16,309 240,1% 6,550 39,6% 41 36 37 SR152 Santa Clara 0,820 17,619 -1,377 -7,2%	SR37	Sonoma	73 220	69.648	95 302	20,000	30.2%	25,654	36.8%	32	34	33
Internal Contraction Contraction	SR242	Contra Costa	67,990	88 300	83,813	15 823	23.3%	-4 488	-5.1%	33	30	34
Nono Solution Sol	1680	Solano	48 679	13 870	77 437	28 758	59.1%	63 568	458.3%	35	37	35
Inspir Inspir<	SR12	Nana	12 811	26,155	34 630	21,820	170.3%	8 4 7 5	32.4%	37	35	36
ISO Marin 6,72 16,32 22,101 16,30 24,170 6,300 35,300 44 44 43 SR152 Santa Clara 9,806 8,724 18,118 8,313 84.8% 9,394 107.7% 38 40 38 SR37 Marin 18,995 10,820 17,619 -1,377 -7.2% 6,799 62.8% 36 39 39 J980 Alameda 9,359 12,076 14,219 4,860 51.9% 2,142 17.7% 39 38 40 SR25 Santa Clara 6,951 8,151 9,301 2,350 33.8% 1,150 14,1% 40 41 41 1780 Solano 509 280 531 22 4.3% 251 89.5% 45 43 42 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3%	1580	Marin	6 792	16 552	23 101	16 309	240.1%	6 5 50	39.6%	41	36	37
SR152 Santa Cana 7,000 6,72 16,716 6,757 67,89 62,8% 36 39 39 1980 Alameda 9,359 12,076 14,219 4,860 51.9% 2,142 17,7% 39 38 40 SR25 Santa Clara 6,951 8,151 9,301 2,350 33.8% 1,150 14.1% 40 41 41 1780 Solano 509 280 531 22 4.3% 251 89.5% 45 43 42 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 10 101 101 91 918.2% 47 47 SR156 Santa Clara <td< td=""><td>SR152</td><td>Santa Clara</td><td>9,806</td><td>8 724</td><td>18 118</td><td>8 313</td><td>84.8%</td><td>9 394</td><td>107.7%</td><td>38</td><td>40</td><td>38</td></td<>	SR152	Santa Clara	9,806	8 724	18 118	8 313	84.8%	9 394	107.7%	38	40	38
SIS7 Main 113,99 10,320 17,019 -1,377 -1,276 0,799 02,876 300 300 300 1980 Alameda 9,359 12,076 14,219 4,860 51.9% 2,142 17,7% 39 38 40 SR25 Santa Clara 6,951 8,151 9,301 2,350 33.8% 1,150 14.1% 40 41 41 1780 Solano 509 280 531 22 4.3% 251 89.5% 45 43 42 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 23 117 117 94 399.6% 45 46 SR156 San	SR152 SR27	Morin	18 005	10,820	17,610	1 277	7 29/	6 700	62.8%	36	39	39
1380 Atanteda 9,539 12,070 14,219 4,800 31.976 2,142 17.776 35 36 40 SR25 Santa Clara 6,951 8,151 9,301 2,350 33.8% 1,150 14.1% 40 41 41 1780 Solano 509 280 531 22 4.3% 251 89.5% 45 43 42 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 23 117 117 94 399.6% 45 46 SR156 Santa Clara 0 10 101 101 91 918.2% 47 47 SR156 Santa Clara 0 18	1080	Alamada	0 250	12,076	14 210	-1,377	-7.276	2 142	17 7%	30	38	40
SRE Santa Cara 0,751 0,151 7,501 2,500 33.870 1,150 14.170 40 41 41 1780 Solano 509 280 531 22 4.3% 251 89.5% 45 43 42 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 23 117 1117 94 399.6% 45 46 SR156 Santa Clara 0 10 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.00% 46 48 <td>500</td> <td>Santa Clara</td> <td>5,559</td> <td>12,070</td> <td>0 201</td> <td>4,000</td> <td>22 00/</td> <td>2,142</td> <td>1/./70</td> <td>40</td> <td>41</td> <td>40</td>	500	Santa Clara	5,559	12,070	0 201	4,000	22 00/	2,142	1/./70	40	41	40
1780 Solario 305 280 331 22 4.3% 211 69.3% 4.5 4.5 4.2 180 Napa 924 241 524 -401 -43.4% 282 116.9% 44 44 43 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 23 117 117 94 399.6% 45 46 SR156 Santa Clara 0 10 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.0% 46 48 SR84 Alameda 349,110 0 0 -349,110 -10.0% 0 10 10 10 10 10 10 14.8% 14.8% 14.8% 14.8% 14.8% 14.8% 14	1790	Salita Ciara	500	390	9,301	2,350	4 20/	1,150	14.176	45	43	42
100 1302 100 443,470 262 110,570 44 44 45 SR160 Contra Costa 1,116 1,002 208 -909 -81.4% -795 -79.3% 43 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 1880S Alameda 0 233 117 117 94 399.6% 45 46 SR156 Santa Clara 0 10 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.0% 46 48 SR84 Alameda 349,110 0 0 -349,110 -100.0% 0 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 </td <td>1/00</td> <td>Nono</td> <td>004</td> <td>280</td> <td>524</td> <td>401</td> <td>4.370 //2 //0/</td> <td>201</td> <td>116.00/</td> <td>44</td> <td>44</td> <td>42</td>	1/00	Nono	004	280	524	401	4.370 //2 //0/	201	116.00/	44	44	42
SR100 Contra Costa 1,110 1,002 200 -909 -61.4% -7/9 -7/9 49 42 44 SR29 Napa 3 0 170 167 5748.3% 170 46 45 I880S Alameda 0 23 117 117 94 399.6% 45 46 SR156 Santa Clara 0 100 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.0% 46 48 SR84 Alameda 349,110 0 0 -349,110 -100.0% 0 10 10	SD140	Contro Contro	924	1 002	324	-401	-+3.470 Q1 40/	282	70.20/	41	47	
SN2.7 1 yapa 5 0 1/0 10/ 5/48.5% 1/0 40 43 1880S Alameda 0 23 117 117 94 399.6% 45 46 SR156 Santa Clara 0 100 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.0% 46 48 SR84 Alameda 349,110 0 0 -349,110 -100.0% 0 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10	SR100	Non-	1,116	1,002	208	-909	5740.20/	- /95	-/9.3%	45	42	44
15005 Atameda 0 25 117 117 94 399.6% 45 46 SR156 Santa Clara 0 10 101 101 91 918.2% 47 47 SR13 Alameda 0 18 18 18 0 0.0% 46 48 SR84 Alameda 349,110 0 0 -349,110 -100.0% 0 10 10 TOTALS 11 220 206 9 510 251 10 917 575 -302 631 -2 7% 1 407 334 14 8% 14 8% 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 <	5K29	INapa	3	0	1/0	167	5/48.5%	170	200 (0/	40	15	43
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SK84 Atameda 349,110 0 0 -100,0% 0 10 TOTALS 11 220 206 9 510 251 10 917 575 -302 631 -2 7% 1 407 324 14 8%	SKI3	Alameda	0	18	18	18	100.00/	0	0.0%	10	40	48
	5K84 Tr	Alameda	349,110	0 510 251	0	-349,110	-100.0%	0	1/ 90/	10		