

2023 Third Quarter

EXECUTIVE SUMMARY

Overview

Caltrans District 5 contains five counties located along the central coast of California: Santa Barbara, San Luis Obispo, Monterey, Santa Cruz and San Benito Counties. All counties are in urban settings within city limits and rural settings outside city limits. Monterey and Santa Cruz were the top two most congested counties in the 3rd quarter.

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))
- o Vehicle Hours of Delay (VHD), Bottleneck Locations
- 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

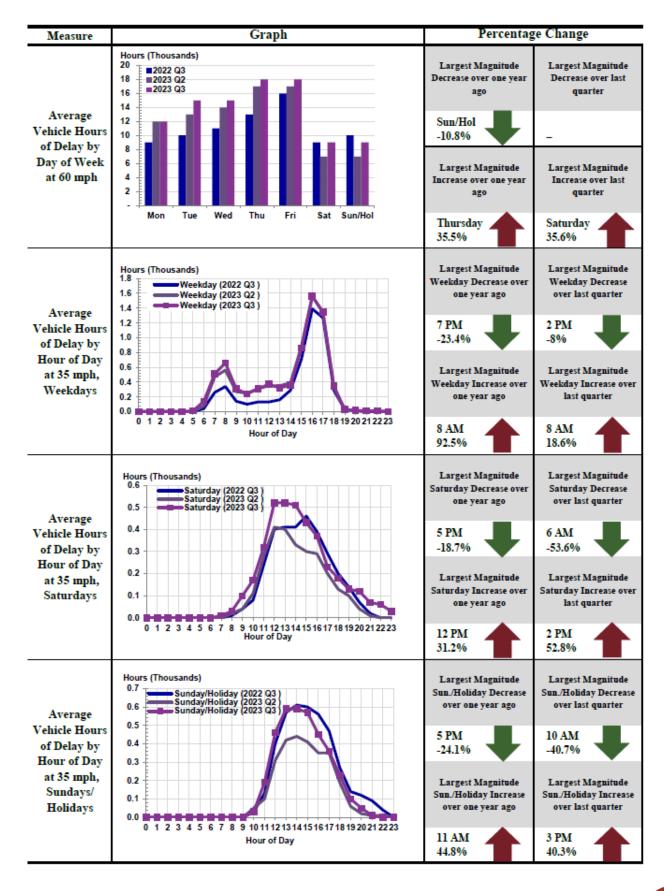
In the third, total delay equaled 574,800 vehicle hours of delay (VHD) at the 35 mph speed threshold, and 1,235,600 VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 7,415 VHD at 35 mph, and 15,515 VHD at 60 mph

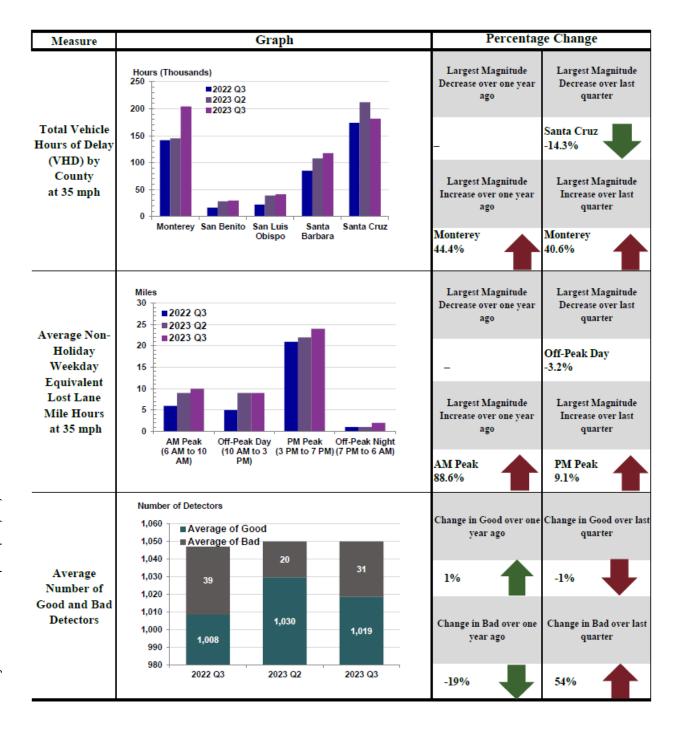
Top Ten Bottlenecks for Quarter 3

								Avg	Total	Total
							# Days	Extent	Delay	Duration
County	Fwy	Location	Type	Shift	Abs PM	CA PM	Active	(Miles)	(veh-hrs)	(mins)
MON	SR1-N	CANYON DEL REY BLVD AT HWY 1 NB	ML	PM	330.075	R79.54	64	3.37031	52,239.0	10,855
MON	SR1-S	SOUTH OF FREMONT BLVD AT HWY 1 N	ML	AM	330.929	R80.46	58	4.29138	30,304.1	5,300
SCR	SR1-S	BAY AVE - PORTER ST AT HWY 1 SB	ML	PM	364.577	13.279	63	1.57937	28,311.7	13,715
SCR	SR1-N	PARK AVE AT HWY 1 SB VDS MLNB NB	ML	AM	363.679	12.338	58	2.56207	25,555.1	6,945
SB	US101-S	SOUTH PADARO LANE VDS MLSB	ML	PM	88.365	5.469	43	3.81163	25,457.7	5,510
SB	US101-S	OLIVE MILL RD 101 NB VDS MLSB SB	ML	PM	93.295	10.407	58	2.23103	19,680.1	5,870
SCR	SR1-S	STATE PARK DR AT HWY 1 NB VDS ML	ML	PM	361.617	10.319	58	2.54483	17,087.2	6,605
SLO	US101-S	SPYGLASS DR 101 SB VDS MLSB SB	ML	PM	193.322	R19.797	64	2.01094	15,147.8	6,850
MON	SR68-E	LAGUNA SECA MAIN ENTRANCE HWY 68	ML	PM	11.238	11.034	64	2.5	12,314.9	12,380
SCR	SR1-S	RIO DEL MAR BLVD AT HWY 1 NB VDS	ML	PM	360.312	9.0141	47	1.88723	10,960.9	4,275

Quarterly Mobility Statistics

Measure	Graph	Percentage Change				
Vehicle Miles of Travel (VMT)	Miles (Billions) 1.2 2022 Q3 2023 Q2 1.07 1.0 1.02 1.07	Over one year ago	Over last quarter 4.2%			
Total Vehicle	Hours (Thousands) 700 2023 Q2 2023 Q3 500 533.4 574.8	Over one year ago	Over last quarter			
Hours of Delay (VHD) at 35 mph	440.1 400 300 200 100	30.6%	7.8%			
Average Non- Holiday Weekday	Hours 8,000 7,000 6,000 7,000 2022 Q3 5,292 2023 Q2 2023 Q3 7,415	Over one year ago	Over last quarter			
Vehicle Hours of Delay (VHD) at 35 mph	5,000 4,000 3,000 2,000 1,000	40.1%	3%			
Total Vehicle	Hours (Millions) 1.4 2023 Q2 1.2 2022 Q3 1.1	Over one year ago	Over last quarter			
Hours of Delay (VHD) at 60 mph	1.0 0.8 0.6 0.4 0.2 0.0	18.6%	10.8%			
Average Non- Holiday Weekday	Hours (Thousands) 20 2023 Q2 15 2023 Q3 16	Over one year ago	Over last quarter			
Weekday Vehicle Hours of Delay (VHD) at 60 mph	10 - 12 - 10 - 12 - 10 - 12 - 12 - 10 - 12 - 12	28%	6.2%			





Congestion by Route											
		Vehicle Hours of Delay at 35 mph			Difference 2023 Q3-2022 Q3		Difference 2023 Q3-2023 Q2		Rank		
Route	County	2022 Q3	2023 Q2	2023 Q3	Absolute	Percentage	Absolute	Percentage	2022 Q3	2023 Q2	2023 Q3
SR1	Santa Cruz	164,604	194,440	158,480	-6,124	-3.7%	-35,960	-18.5%	1	1	1
SR1	Monterey	96,479	93,096	135,525	39,046	40.5%	42,429	45.6%	2	3	2
US101	Santa Barbara	85,581	108,011	117,528	31,947	37.3%	9,517	8.8%	3	2	3
US101	San Luis Obis	22,151	39,386	41,228	19,078	86.1%	1,843	4.7%	5	4	4
SR68	Monterey	21,227	30,862	36,479	15,252	71.9%	5,617	18.2%	6	5	5
US101	Monterey	23,852	21,464	32,425	8,573	35.9%	10,962	51.1%	4	7	6
SR156	San Benito	16,756	28,441	29,884	13,128	78.3%	1,443	5.1%	7	6	7
SR17	Santa Cruz	9,401	17,738	23,295	13,894	147.8%	5,557	31.3%	8	8	8
TOTALS		440,051	533,437	574,844	134,793	30.6%	41,407	7.8%			