District 11 Mobility Performance Report

2021 Second Quarter

DEPARTMENT OF TRANSPORTATION

July 29, 2021 District 11- Traffic System Performance

District 11 Mobility Performance Report

2021 Second Quarter

EXECUTIVE SUMMARY

Overview

Caltrans District 11 consists of both the Imperial and San Diego counties, with San Diego having a population of approximately 3,338,330 residents and Imperial County with approximately 181,215 residents. Although, District 11 is composed of these two counties, Imperial County does not report any performance data due to less population.

The Mobility Performance quarterly analysis compares traffic information with the information collected in the same quarter over a year ago. In addition, it compares traffic information with its preceding quarter. The following parameters are used to show the performance measures of the area freeways:

- Vehicle Miles of Travel (VMT))
- Vehicle Hours of Delay (VHD), Bottleneck Locations
- Lost Lane Miles (equivalent lost productivity)
- 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 total congestion. These thresholds are set by Caltrans and are based upon engineering experience and District input.

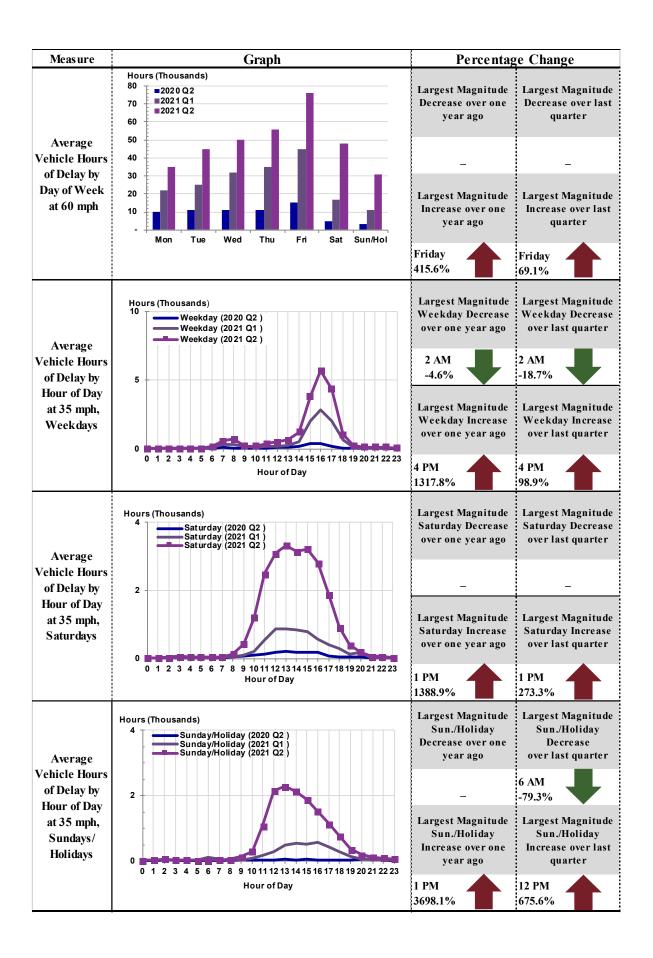
FINDINGS

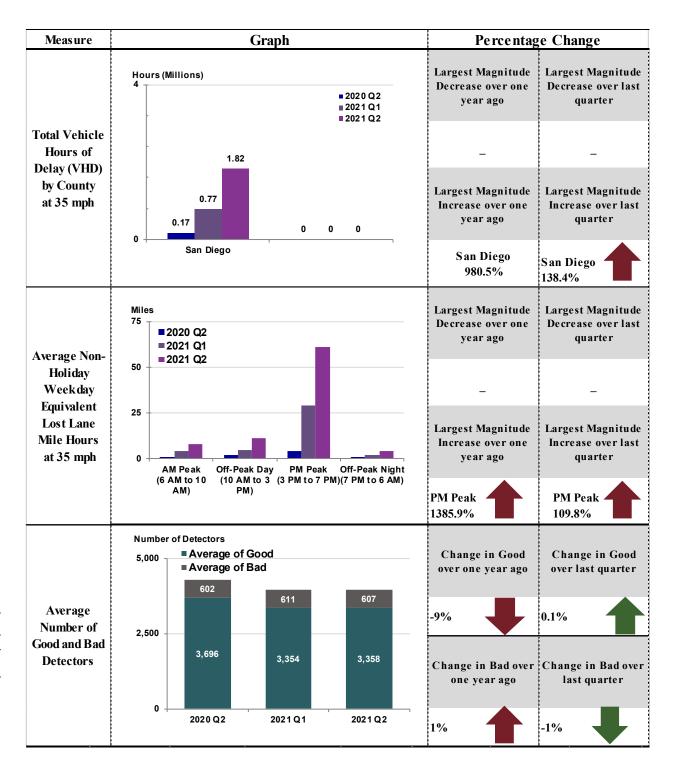
In the second quarter of 2021, the total delay equaled 1.8 million VHD at the 35mph speed threshold, and 4.4 million VHD at the 60mph threshold. The average weekday delay experienced in this quarter was approximately 20 thousand VHD at 35 mph, and 53 thousand VHD at 60 mph.

Top Ten Bottlenecks for the 2021 Second Quarter:

County	Shift	Fwy	Direction	Name	Abs PM	CA PM	Latitude	Longitude	# Days Active	Avg Extent (Miles)	Total Delay (veh-hrs)	Total Duration (mins)
San Diego	РМ	15-N	N	Cannon Rd	48.00	48.104	33.14	-117.33	63	5.62	113,226.80	9,460.00
San Diego	PM	1805-S	S	805 SB N-O 15	15.17	15.321	32.74	-117.12	62	3.85	60,189.30	5,360.00
San Diego	PM	115-N	N	15 NB N-O Mission Rd	52.35	52.09	33.41	-117.16	50	4.66	57,756.40	6,885.00
San Diego	PM	I15-S	S	WB SR-274-BALBOA AVE	9.37	9.196	32.82	-117.12	63	1.94	52,269.20	9,900.00
San Diego	PM	1805-N	N	805 SB @ 15	14.70	14.852	32.73	-117.11	53	4.26	52,166.00	5,175.00
San Diego	PM	SR78-E	E	Barham Dr	14.86	14.86	33.14	-117.13	46	5.30	46,365.30	4,485.00
San Diego	PM	15-S	S	N-O CMNO DE LA PLAZA	0.22	.311	32.54	-117.03	58	0.75	45,431.00	12,255.00
San Diego	PM	15-S	S	Oceanside Blvd	52.27	52.408	33.19	-117.36	34	4.16	40,290.10	3,110.00
San Diego	PM	SR125-N	N	125 NB CONNECTOR	16.97	15.216	32.77	-117.00	63	2.38	40,255.70	7,295.00
San Diego	РМ	SR78-E	E	Twin Oaks Valley Rd	13.02	13.022	33.14	-117.16	61	3.65	40,062.90	6,120.00







Congestion by Route												
		Veh	icle Hours of De at 35 mph	lay		rence 2-2020 Q2	Difference 2021 Q2-2021 Q1		Rank			
Route	County	2020 Q2	2021 Q1	2021 Q2	Absolute	Percentage	Absolute	Percentage	2020 Q2	2021 Q1	2021 Q2	
15	San Diego	25,299	281,343	876,148	850,849	3363.2%	594,806	211.4%	4	1	1	
I15	San Diego	37,360	152,202	325,296	287,936	770.7%	173,095	113.7%	1	2	2	
SR78	San Diego	31,057	94,678	160,664	129,608	417.3%	65,987	69.7%	2	3	3	
1805	San Diego	26,338	72,011	152,405	126,068	478.7%	80,394	111.6%	3	4	4	
SR125	San Diego	20,338	70,409	113,067	92,730	455.9%	42,659	60.6%	5	5	5	
18	San Diego	14,374	17,117	73,568	59,194	411.8%	56,450	329.8%	6	7	6	
SR52	San Diego	1,196	10,467	38,289	37,093	3101.5%	27,823	265.8%	10	9	7	
SR163	San Diego	347	30,560	38,142	37,794	10888.6%	7,582	24.8%	12	6	8	
SR56	San Diego	243	10,278	20,043	19,799	8134.5%	9,765	95.0%	13	10	9	
SR94	San Diego	4,905	4,472	14,735	9,830	200.4%	10,263	229.5%	7	12	10	
SR76	San Diego	1,574	4,511	5,716	4,142	263.1%	1,206	26.7%	9	11	11	
1905	San Diego	4,775	15,893	3,419	-1,356	-28.4%	-12,474	-78.5%	8	8	12	
SR54	San Diego	237	997	2,552	2,314	976.1%	1,555	156.0%	14	13	13	
SR67	San Diego	799	200	344	-455	-56.9%	144	72.1%	11	14	14	
SR11	San Diego	0	5	1	1	200.0%	-4	-82.0%	15	15	15	
TO	OTALS	168.842	765,141	1.824.390	1,655,547	980.5%	1,059,249	138.4%				