# District 11 Mobility Performance Report

2021 Third Quarter

**DEPARTMENT OF TRANSPORTATION** 

October 27, 2021 District 11- Traffic System Performance

# **District 11 Mobility Performance Report**

# 2021 Third 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

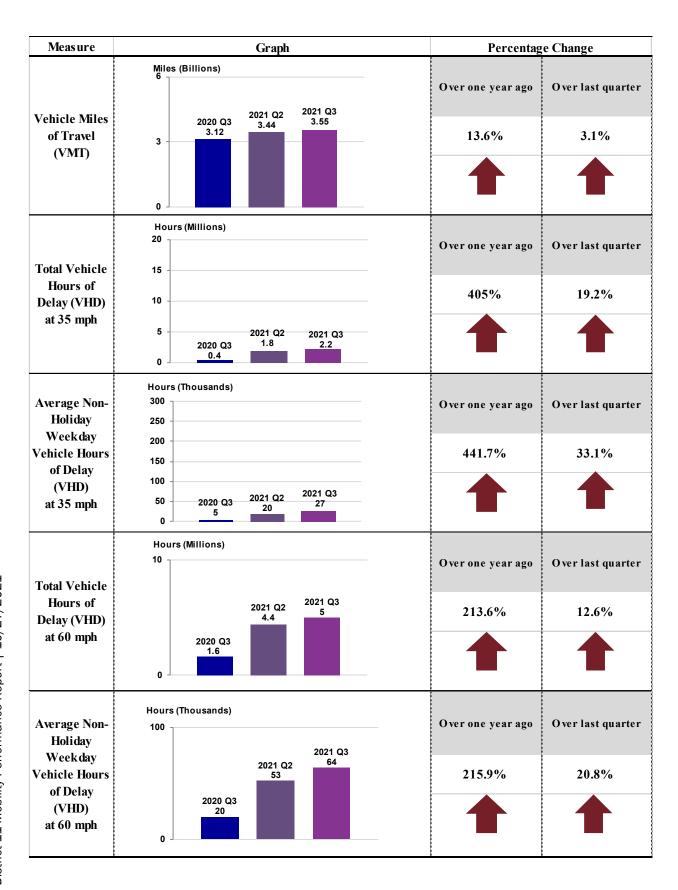
60 mph represents total congestion. These thresholds are set by Caltrans and are based upon engineering experience and District input.

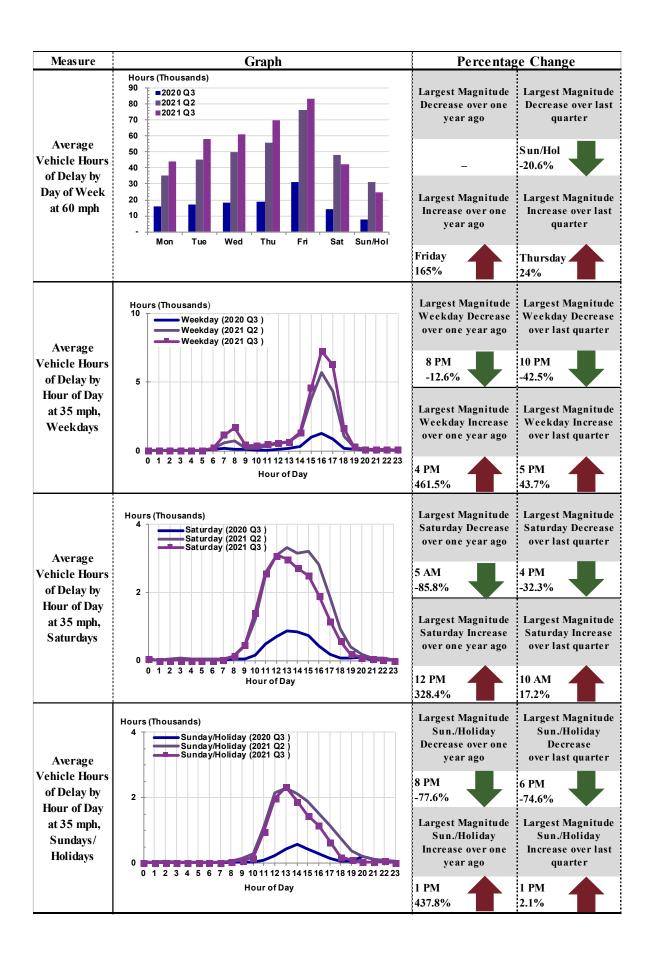
# **FINDINGS**

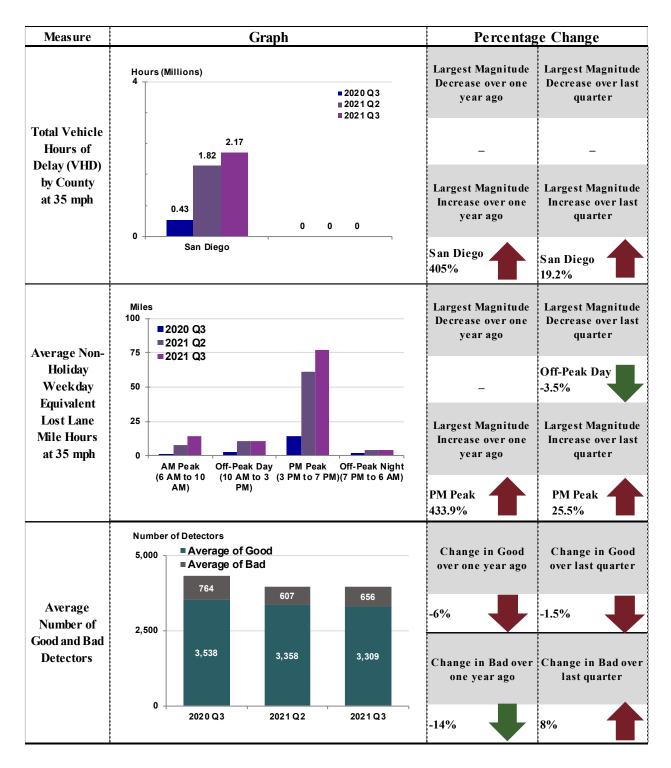
In the third quarter of 2021, the total delay equaled 2.2 million VHD at the 35mph speed threshold, and 5 million VHD at the 60mph threshold. The average weekday delay experienced in this quarter was approximately 27 thousand VHD at 35 mph, and 64 thousand VHD at 60 mph.

Top Ten Bottlenecks for the 2021 Third Quarter:

County	Shift	Fwy	Direction	Name	Abs PM	CA PM	Latitude	Longitude	# Days Active	Avg Extent (Miles)	Total Delay (veh-hrs)	Total Duration (mins)	VDS	Type
San Diego	PM	1805-S	S	805 SB N-O 15	15.17	15.321	32.74	-117.12	62	5.79	169,879.10	10,810.00	1123210	ML
San Diego	PM	15-N	N	Cannon Rd	48.00	R48.104	33.14	-117.33	63	5.63	139,920.10	11,330.00	1108659	ML
San Diego	PM	SR78-E	E	Barham Dr	14.86	14.86	33.14	-117.13	55	5.08	77,968.00	7,485.00	1108702	ML
San Diego	PM	I15-S	S	WB SR-274-BALBOA AVE	9.37	R9.196	32.82	-117.12	64	2.26	70,331.40	10,390.00	1108523	ML
San Diego	PM	I15-N	N	15 NB N-O Mission Rd	52.35	R52.09	33.41	-117.16	51	4.65	64,764.20	7,255.00	1121763	ML
San Diego	PM	15-S	S	N-O CMNO DE LA PLAZA	0.22	R.311	32.54	-117.03	61	0.88	63,219.50	14,105.00	1114228	ML
San Diego	PM	15-S	S	5th Ave	16.00	R16.11	32.72	-117.16	63	2.55	52,760.40	7,120.00	1108417	ML
San Diego	PM	SR125-S	S	GROSSMONT BLVD	17.42	15.015	32.76	-117.01	64	1.40	44,478.20	9,045.00	1113413	ML
San Diego	PM	15-S	S	Oceanside Blvd	52.27	R52.408	33.19	-117.36	40	3.58	40,213.20	4,000.00	1108459	ML
San Diego	PM	15-S	S	Mission Bay Dr	22.85	R22.959	32.80	-117.21	43	4.10	30,681.50	3,240.00	1108693	ML







Congestion by Route											
		Ve h	icle Hours of De at 35 mph	lay		rence 3-2020 Q3	Difference 2021 Q3-2021 Q2		Rank		
Route	County	2020 Q3	2021 Q2	2021 Q3	Absolute	Percentage	Absolute	Percentage	2020 Q3	2021 Q2	2021 Q3
15	San Diego	188,503	876,148	1,007,485	818,982	434.5%	131,337	15.0%	1	1	1
I15	San Diego	68,785	325,296	361,559	292,774	425.6%	36,262	11.1%	2	2	2
1805	San Diego	33,397	152,405	264,212	230,815	691.1%	111,807	73.4%	5	4	3
SR78	San Diego	48,889	160,664	180,423	131,534	269.0%	19,759	12.3%	3	3	4
SR125	San Diego	39,470	113,067	132,494	93,024	235.7%	19,427	17.2%	4	5	5
18	San Diego	19,781	73,568	71,720	51,939	262.6%	-1,848	-2.5%	6	6	6
SR52	San Diego	15,342	38,289	55,488	40,146	261.7%	17,199	44.9%	7	7	7
SR163	San Diego	4,418	38,142	35,528	31,110	704.1%	-2,613	-6.9%	9	8	8
SR94	San Diego	1,489	14,735	23,050	21,560	1447.6%	8,315	56.4%	11	10	9
SR56	San Diego	355	20,043	22,464	22,109	6227.8%	2,421	12.1%	13	9	10
1905	San Diego	6,105	3,419	8,150	2,044	33.5%	4,731	138.4%	8	12	11
SR54	San Diego	427	2,552	6,519	6,091	1425.2%	3,967	155.5%	12	13	12
SR76	San Diego	3,491	5,716	4,367	876	25.1%	-1,349	-23.6%	10	11	13
SR67	San Diego	31	344	357	326	1045.2%	13	3.7%	14	14	14
SR11	San Diego	0	1	0	0	-100.0%	-1	-100.0%	15	15	15
TO	TOTALS		1,824,390	2,173,815	1,743,331	405.0%	349,426	19.2%			