# District 11 Mobility Performance Report 

## 2018 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 $3,100,000$ residents and Imperial County with approximately 175,000 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 2018, the total delay equaled 3.4 million VHD at the 35 mph speed threshold, and 7.06 million VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 47 thousand VHD at 35 mph , and 98 thousand VHD at 60 mph .

## Top Ten Bottlenecks for the Quarter 2

| Fwy | Location | Shift | Abs PM | CA PM | \# Days Active | Avg Extent (Miles) | Total Delay (veh-hrs) | Total Duration (mins) |
| :--- | :--- | :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| I805-S | 805 SB @ 15 | PM | 14.70 | 14.852 | 64 | 7.11 | $167,370.50$ | $8,235.00$ |
| I805-S | 805 SB N-O 15 | PM | 15.17 | 15.321 | 62 | 8.74 | $101,928.60$ | $4,020.00$ |
| I15-S | WB SR-274-BALBOA AVE | PM | 9.37 | R9.196 | 64 | 2.87 | $100,874.70$ | $10,705.00$ |
| I15-N | 15 NB N-O Mission Rd | PM | 52.35 | R52.09 | 59 | 5.17 | $94,929.80$ | $8,410.00$ |
| I5-N | 5N Lomas Santa Fe EB | PM | 37.26 | R37.37 | 59 | 5.17 | $94,095.40$ | $6,280.00$ |
| I5-S | EB CLAIREMONT DR | PM | 21.97 | R22.082 | 60 | 7.19 | $93,027.00$ | $4,300.00$ |
| I5-N | Cannon Rd | PM | 48.00 | R48.104 | 63 | 3.31 | $78,431.60$ | $11,985.00$ |
| I5-S | 5th Ave | PM | 16.00 | R16.11 | 64 | 2.68 | $75,054.40$ | $8,975.00$ |
| SR163-S | FRIARS RD | PM | 3.68 | 4.277 | 60 | 3.16 | $65,006.90$ | $8,370.00$ |
| I5-S | S-O CLAIRMONT DR | PM | 21.37 | R21.475 | 43 | 8.27 | $62,315.70$ |  |

Quarterly Mobility Statistics




| Congestion by Route |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Route | County | Vehicle Hours of Delay at 35 mph |  |  | $\begin{gathered} \text { Difference } \\ 2018 \text { Q2-2017 Q2 } \end{gathered}$ |  | Difference 2018 Q2-2018 Q1 |  | Rank |  |  |
|  |  | 2017 Q2 | 2018 Q1 | 2018 Q2 | Absolute | Percentage | Absolute | Percentage | 2017 Q2 | 2018 Q1 | 2018 Q2 |
| L | San Diego | 1,053,023 | 1,083,548 | 1,242,539 | 189,516 | 18.0\% | 158,991 | 14.7\% | 1 | 1 | 1 |
| I805 | San Diego | 551,343 | 576,478 | 595,196 | 43,853 | 8.0\% | 18,718 | 3.2\% | 2 | 2 | 2 |
| I15 | San Diego | 425,009 | 574,862 | 575,608 | 150,599 | 35.4\% | 746 | 0.1\% | 3 | 3 | 3 |
| SR78 | San Diego | 198,276 | 254,540 | 224,365 | 26,089 | 13.2\% | -30,175 | -11.9\% | 4 | 4 | 4 |
| 18 | San Diego | 170,084 | 197,702 | 171,485 | 1,400 | 0.8\% | -26,217 | -13.3\% | 5 | 5 | 5 |
| SR125 | San Diego | 132,304 | 177,158 | 162,628 | 30,325 | 22.9\% | -14,530 | -8.2\% | 8 | 6 | 6 |
| SR163 | San Diego | 138,430 | 118,850 | 140,540 | 2,109 | 1.5\% | 21,689 | 18.2\% | 7 | 8 | 7 |
| SR52 | San Diego | 143,373 | 126,969 | 113,304 | -30,069 | -21.0\% | -13,665 | -10.8\% | 6 | 7 | 8 |
| SR94 | San Diego | 80,928 | 100,152 | 64,736 | -16,192 | -20.0\% | -35,417 | -35.4\% | 9 | 9 | 9 |
| SR56 | San Diego | 54,335 | 68,563 | 62,011 | 7,676 | 14.1\% | -6,552 | -9.6\% | 10 | 10 | 10 |
| SR76 | San Diego | 6,368 | 4,099 | 5,808 | -560 | -8.8\% | 1,709 | 41.7\% | 12 | 13 | 11 |
| 1905 | San Diego | 7,800 | 5,670 | 4,001 | -3,799 | 48.7\% | -1,668 | -29.4\% | 11 | 11 | 12 |
| SR54 | San Diego | 2,458 | 4,316 | 1,309 | -1,149 | 46.7\% | -3,007 | -69.7\% | 13 | 12 | 13 |
| SR67 | San Diego | 1,713 | 195 | 134 | -1,579 | -92.2\% | -62 | -31.5\% | 14 | 14 | 14 |
| TOTALS |  | 2,965,445 | 3,293,102 | 3,363,663 | 398,219 | 13.4\% | 70,562 | 2.1\% |  |  |  |

