# District 05 Mobility Performance Report 

2019 Third Quarter

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## 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. Santa Cruz and Monterey are the top two most congested counties in the $3^{\text {rd }}$ 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))
- 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 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 quarter, total delay equaled 617,300 thousand vehicle hours of delay (VHD) at the 35 mph speed threshold, and $1,261,400$ million VHD at the 60 mph threshold. The average weekday delay experienced in this quarter was approximately 7,200 thousand VHD at 35 mph , and 15,000 thousand VHD at 60 mph .

## Top Ten Bottlenecks for Quarter 3

| County | Fwy |  |  |  |  | Location <br> Days <br> (ctive | Avg <br> Extent <br> (Miles) | Total <br> Delay <br> (veh-hrs) | Total <br> Duration <br> (mins) |
| :--- | :--- | :--- | :--- | :--- | :--- | ---: | ---: | ---: | ---: |
| MON | SR1-N | CANYON DEL REY BLVD AT HWY 1 NB | PM | 330.075 | 79.54 | 63 | 3.02698 | 26868.3 | 9420 |
| SCR | SR1-S | BAY AVE - PORTER ST AT HWY 1 SB | PM | 364.577 | 13.279 | 64 | 1.35938 | 26077.8 | 14665 |
| SLO | US101-S | MATTIE RD 101 NB VDS MLSB SB | PM | 191.796 | 18.261 | 50 | 4.134 | 19531.3 | 5765 |
| SCR | SR1-S | STATE PARK DR AT HWY 1 SB VDS ML | PM | 362.07 | 10.772 | 64 | 2.1 | 16361.5 | 10800 |
| SCR | SR1-N | PARK AVE AT HWY 1 SB VDS MLNB NB | AM | 363.679 | 12.338 | 52 | 3.53269 | 15635.6 | 5875 |
| SCR | SR1-N | BAY AVE - PORTER ST AT HWY 1 NB | PM | 364.373 | 13.032 | 64 | 0.5 | 9633.3 | 14830 |
| SCR | SR1-S | SOQUEL DR NEXT EXIT SIGN HWY 1 N | PM | 365.708 | 14.41 | 62 | 1.05161 | 8556 | 6685 |
| MON | SR1-S | STRUVE RD HWY 1 SB VDS MLSB SB | PM | 347.255 | 98.193 | 60 | 2.39 | 6613.8 | 8625 |
| SB | US101-N | CASSITAS PASS RD 101 NB VDS MLNB | AM | 85.408 | 2.485 | 20 | 2.34 | 6271.1 | 2435 |
| SCR | SR1-S | 700' N of O01 NB Overcrossing | PM | 368.508 | 17.21 | 20 | 6.7 | 5660.3 | 855 |

Quarterly Mobility Statistics




| Congestion by Route |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Route | County | Vehicle Hours of Delay at 35 mph |  |  | $\begin{gathered} \text { Difference } \\ 2019 \text { Q3-2018 Q3 } \\ \hline \end{gathered}$ |  | $\begin{gathered} \text { Difference } \\ 2019 \text { Q3-2019 Q2 } \end{gathered}$ |  | Rank |  |  |
|  |  | 2018 Q3 | 2019 Q2 | 2019 Q3 | Absolute | Percentage | Absolute | Percentage | 2018 Q3 | 2019 Q2 | 2019 Q3 |
| SR1 | Santa Cruz | 276,462 | 223,870 | 297,377 | 20,914 | 7.6\% | 73,506 | 32.8\% | 1 | 1 | 1 |
| SR1 | Monterey | 89,008 | 54,498 | 104,495 | 15,487 | 17.4\% | 49,997 | 91.7\% | 2 | 3 | 2 |
| US101 | Santa Barbara | 47,529 | 55,344 | 73,376 | 25,847 | 54.4\% | 18,032 | 32.6\% | 3 | 2 | 3 |
| US101 | San Luis Obispo | 38,948 | 27,326 | 39,693 | 745 | 1.9\% | 12,367 | 45.3\% | 5 | 4 | 4 |
| SR17 | Santa Cruz | 27,162 | 27,144 | 36,937 | 9,775 | 36.0\% | 9,792 | 36.1\% | 6 | 5 | 5 |
| SR156 | San Benito | 42,850 | 13,707 | 24,050 | -18,800 | -43.9\% | 10,343 | 75.5\% | 4 | 6 | 6 |
| SR68 | Monterey | 0 | 7,683 | 22,440 | 22,440 |  | 14,756 | 192.1\% |  | 9 | 7 |
| US101 | Monterey | 3,677 | 10,375 | 18,563 | 14,886 | 404.9\% | 8,188 | 78.9\% | 7 | 7 | 8 |
| SR25 | San Benito | 1,148 | 9,332 | 377 | -771 | -67.2\% | -8,955 | -96.0\% | 8 | 8 | 9 |
| TOTALS |  | 526,784 | 429,280 | 617,307 | 90,523 | 17.2\% | 188,027 | 43.8\% |  |  |  |

