

# District 03 Mobility Performance Report

2020 Third Quarter

**DEPARTMENT OF TRANSPORTATION**

October 31, 2020  
Office of Freeway Operations

## District 03 Mobility Performance Report

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2020 Third Quarter

### EXECUTIVE SUMMARY

#### Overview

Caltrans District 3 is comprised of eleven counties located in Northern California. Most of the congestion and delay on the state highway system takes place in the urbanized areas of Sacramento, Yolo and Placer counties.

The Mobility Performance Report (MPR) quarterly analysis compares information from this quarter with information from the previous quarter and the prior year. The following performance measures were used to quantify freeway congestion in District 3 as well as to compare the different quarters:

- Bottleneck Locations
- Vehicle Miles of Travel (VMT)
- Vehicle Hours of Delay (VHD)
- Lost Lane Miles (equivalent lost productivity)
- Detector Health

This information is based on data collected by automated vehicle detector stations deployed on urban area freeways from the Caltrans Performance Measurement System (PeMS) every day of the quarter, twenty-four hours a day, where congestion is regularly experienced. The MPR presents congestion information for 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 traffic engineering experience and District 3 Office of Freeway Operations input.

## FINDINGS

In the third quarter of 2020, there is an increase in delay due to the lifting of the Shelter In Home order. The total delay on the freeways in District 3 equaled 0.45 million vehicle hours of delay (VHD) below the 35-mph speed threshold and 1.89 million VHD below 60-mph threshold. The average delay experienced on weekdays in this quarter was approximately 5,000 of VHD below 35-mph, and 23,000 of VHD below 60-mph. I-5 was the worst performing freeway in District 3 with 66,141 of VHD caused by several bottlenecks and construction activities.

Vehicle Miles of Travel (VMT) increased by 21.3% with a total of 2.23 billion miles when compared to the previous quarter (1.84 billion miles). The VHD below the 60-mph speed threshold increased by 54.5% during the same quarter. This relationship indicates the travel demand and delay has increased because of lifting of the Shelter-In-Place order. See graphs on page 4 for details.

### Top Ten Bottlenecks for the Third Quarter of 2020

| County     | Fwy     | Name                | Type | Shift | Abs PM | CA PM  | Latitude | Longitude | # Days Active | Avg Extent (Miles) | Total Delay (veh-hrs) | Total Duration (mins) |
|------------|---------|---------------------|------|-------|--------|--------|----------|-----------|---------------|--------------------|-----------------------|-----------------------|
| El Dorado  | US50-E  | Midway Rd           | ML   | PM    | 107.96 | 79.801 | 38.95    | -119.95   | 65            | 3.87               | 22,999                | 19,475                |
| Placer     | SR65-S  | Pleasant Grove Blvd | ML   | PM    | 66.91  | R7.189 | 38.79    | -121.29   | 64            | 1.33               | 13,295                | 8,470                 |
| Sacramento | SR51-N  | North of A St       | ML   | PM    | 2.09   | 2.092  | 38.58    | -121.46   | 61            | 1.43               | 12,447                | 4,355                 |
| Sacramento | SR51-S  | EB Exposition Bl    | ML   | PM    | 3.33   | 3.326  | 38.60    | -121.44   | 60            | 1.07               | 11,787                | 6,415                 |
| Sacramento | SR51-N  | 30 & E St           | ML   | PM    | 1.50   | 1.5    | 38.58    | -121.46   | 65            | 0.91               | 11,125                | 5,225                 |
| Yolo       | I80-E   | 80EB at Mace Blvd   | ML   | PM    | 74.90  | 2.714  | 38.55    | -121.69   | 28            | 1.68               | 10,946                | 3,530                 |
| Yolo       | I80-E   | SB Mace Blvd        | ML   | PM    | 74.79  | 2.605  | 38.55    | -121.70   | 41            | 1.13               | 9,216                 | 4,525                 |
| Placer     | SR267-W | Truckee Airport Rd  | ML   | PM    | 2.19   | 0.393  | 39.31    | -120.15   | 55            | 2.90               | 5,404                 | 5,300                 |
| Sacramento | SR99-S  | Broadway St-SB99    | ML   | PM    | 298.30 | 23.856 | 38.55    | -121.47   | 55            | 0.60               | 5,079                 | 3,500                 |
| El Dorado  | US50-E  | Midway Rd           | ML   | AM    | 107.96 | 79.801 | 38.95    | -119.95   | 65            | 3.06               | 4,830                 | 15,620                |

#### Notes:

- For the table above, the quarterly delay calculation was based upon a 60-mph threshold, for the a.m. or p.m. weekday peak period.
- Truckee Airport Rd/SR 267 near Truckee shows up on the Top Bottleneck location for the first time. The wildfire near Truckee could be the reason why it has so much delay.
- In continued efforts to help relieve congestion and allow safe merging during high traffic demand periods, the California Department of Transportation (Caltrans) has updated the ramp metering operation hours on northbound SAC-99. The metering hours will be based on traffic demand and will be activated 24/7, including holidays when minimum traffic

thresholds are met. The ramp meters will be active every day including weekends and holidays.

- SR-51 an I-80 WB (Mace Blvd to Longview Dr) ramp meter operation has been upgraded to 24/7 on-demand ramp metering.
- Caltrans District 3 has plans to construct High Occupancy Vehicle (HOV) lanes on US-50, and SR-51 in Sacramento County, I-80 in Yolo County and SR-65 in Placer County. These projects are expected to reduce delay at some of the nearby bottlenecks identified above.
- The HOV lane projects on I-5 is under construction right now.
- The project on SR 65/I-80 interchange is currently under construction for Phase 1. This phase includes reconstructing the WB I-80 connector to NB SR-65 to increase capacity and includes reconstructing the Stanford Ranch/Galleria IC improvements. The remainder of the SR 65 project is not currently funded. US-50 were nominated for SB-1 funding in 2017. The HOV project on SR 51 is currently funding for PA&ED.
- Our district is preparing to use the information in this report to prioritize funding for projects in the SHOPP mobility programs.

| Measure  | Graph   | Percentage Change |       |         |      |         |      |         |      |                   |                   |
|--|---|-------------------|-------|---------|------|---------|------|---------|------|-------------------|-------------------|
| Vehicle Miles of Travel (VMT)                                      | <p>Miles (Billions)</p> <table border="1"> <tr><th>Year/Quarter</th><th>Value</th></tr> <tr><td>2019 Q3</td><td>2.57</td></tr> <tr><td>2020 Q2</td><td>1.84</td></tr> <tr><td>2020 Q3</td><td>2.23</td></tr> </table> | Year/Quarter      | Value | 2019 Q3 | 2.57 | 2020 Q2 | 1.84 | 2020 Q3 | 2.23 | Over one year ago | Over last quarter |
|  |   | Year/Quarter      | Value |         |      |         |      |         |      |                   |                   |
|  |   | 2019 Q3           | 2.57  |         |      |         |      |         |      |                   |                   |
| 2020 Q2  | 1.84  |                   |       |         |      |         |      |         |      |                   |                   |
| 2020 Q3  | 2.23  |                   |       |         |      |         |      |         |      |                   |                   |
| -13.1%   | 21.3%   |                   |       |         |      |         |      |         |      |                   |                   |
| Total Vehicle Hours of Delay (VHD) at 35 mph                       | <p>Hours (Millions)</p> <table border="1"> <tr><th>Year/Quarter</th><th>Value</th></tr> <tr><td>2019 Q3</td><td>1.62</td></tr> <tr><td>2020 Q2</td><td>0.30</td></tr> <tr><td>2020 Q3</td><td>0.45</td></tr> </table> | Year/Quarter      | Value | 2019 Q3 | 1.62 | 2020 Q2 | 0.30 | 2020 Q3 | 0.45 | Over one year ago | Over last quarter |
|  |   | Year/Quarter      | Value |         |      |         |      |         |      |                   |                   |
|  |   | 2019 Q3           | 1.62  |         |      |         |      |         |      |                   |                   |
| 2020 Q2  | 0.30  |                   |       |         |      |         |      |         |      |                   |                   |
| 2020 Q3  | 0.45  |                   |       |         |      |         |      |         |      |                   |                   |
| -72.1%   | 51.9%   |                   |       |         |      |         |      |         |      |                   |                   |
| Average Non-Holiday Weekday Vehicle Hours of Delay (VHD) at 35 mph | <p>Hours (Thousands)</p> <table border="1"> <tr><th>Year/Quarter</th><th>Value</th></tr> <tr><td>2019 Q3</td><td>22</td></tr> <tr><td>2020 Q2</td><td>4</td></tr> <tr><td>2020 Q3</td><td>5</td></tr> </table>        | Year/Quarter      | Value | 2019 Q3 | 22   | 2020 Q2 | 4    | 2020 Q3 | 5    | Over one year ago | Over last quarter |
|  |   | Year/Quarter      | Value |         |      |         |      |         |      |                   |                   |
|  |   | 2019 Q3           | 22    |         |      |         |      |         |      |                   |                   |
| 2020 Q2  | 4   |                   |       |         |      |         |      |         |      |                   |                   |
| 2020 Q3  | 5   |                   |       |         |      |         |      |         |      |                   |                   |
| -76.3%   | 48.1%   |                   |       |         |      |         |      |         |      |                   |                   |
| Total Vehicle Hours of Delay (VHD) at 60 mph                       | <p>Hours (Millions)</p> <table border="1"> <tr><th>Year/Quarter</th><th>Value</th></tr> <tr><td>2019 Q3</td><td>4.07</td></tr> <tr><td>2020 Q2</td><td>1.23</td></tr> <tr><td>2020 Q3</td><td>1.89</td></tr> </table> | Year/Quarter      | Value | 2019 Q3 | 4.07 | 2020 Q2 | 1.23 | 2020 Q3 | 1.89 | Over one year ago | Over last quarter |
|  |   | Year/Quarter      | Value |         |      |         |      |         |      |                   |                   |
|  |   | 2019 Q3           | 4.07  |         |      |         |      |         |      |                   |                   |
| 2020 Q2  | 1.23  |                   |       |         |      |         |      |         |      |                   |                   |
| 2020 Q3  | 1.89  |                   |       |         |      |         |      |         |      |                   |                   |
| -53.5%   | 54.5%   |                   |       |         |      |         |      |         |      |                   |                   |
| Average Non-Holiday Weekday Vehicle Hours of Delay (VHD) at 60 mph | <p>Hours (Thousands)</p> <table border="1"> <tr><th>Year/Quarter</th><th>Value</th></tr> <tr><td>2019 Q3</td><td>55</td></tr> <tr><td>2020 Q2</td><td>16</td></tr> <tr><td>2020 Q3</td><td>23</td></tr> </table>      | Year/Quarter      | Value | 2019 Q3 | 55   | 2020 Q2 | 16   | 2020 Q3 | 23   | Over one year ago | Over last quarter |
|  |   | Year/Quarter      | Value |         |      |         |      |         |      |                   |                   |
|  |   | 2019 Q3           | 55    |         |      |         |      |         |      |                   |                   |
| 2020 Q2  | 16  |                   |       |         |      |         |      |         |      |                   |                   |
| 2020 Q3  | 23  |                   |       |         |      |         |      |         |      |                   |                   |
| -57.3%   | 46.7%   |                   |       |         |      |         |      |         |      |                   |                   |

| Measure  | Graph | Percentage Change  |  |
|--|-------|--|--|
| <p>Average Vehicle Hours of Delay by Day of Week at 60 mph</p>                   |       | <p>Largest Magnitude Decrease over one year ago</p>              | <p>Largest Magnitude Decrease over last quarter</p>              |
|  |       | <p>Thursday -58.3% ↓</p>   | <p>—</p>   |
|  |       | <p>Largest Magnitude Increase over one year ago</p>              | <p>Largest Magnitude Increase over last quarter</p>              |
|  |       | <p>—</p>   | <p>Friday 78.3% ↑</p>  |
| <p>Average Vehicle Hours of Delay by Hour of Day at 35 mph, Weekdays</p>         |       | <p>Largest Magnitude Weekday Decrease over one year ago</p>      | <p>Largest Magnitude Weekday Decrease over last quarter</p>      |
|  |       | <p>5 PM -85.1% ↓</p>   | <p>7 PM -57.6% ↓</p>   |
|  |       | <p>Largest Magnitude Weekday Increase over one year ago</p>      | <p>Largest Magnitude Weekday Increase over last quarter</p>      |
|  |       | <p>—</p>   | <p>4 PM 100% ↑</p>   |
| <p>Average Vehicle Hours of Delay by Hour of Day at 35 mph, Saturdays</p>        |       | <p>Largest Magnitude Saturday Decrease over one year ago</p>     | <p>Largest Magnitude Saturday Decrease over last quarter</p>     |
|  |       | <p>11 AM -51.9% ↓</p>  | <p>5 PM -16.5% ↓</p>   |
|  |       | <p>Largest Magnitude Saturday Increase over one year ago</p>     | <p>Largest Magnitude Saturday Increase over last quarter</p>     |
|  |       | <p>12 AM 120.6% ↑</p>  | <p>11 AM 106.4% ↑</p>  |
| <p>Average Vehicle Hours of Delay by Hour of Day at 35 mph, Sundays/Holidays</p> |       | <p>Largest Magnitude Sun./Holiday Decrease over one year ago</p> | <p>Largest Magnitude Sun./Holiday Decrease over last quarter</p> |
|  |       | <p>1 PM -51.5% ↓</p>   | <p>9 PM -49.8% ↓</p>   |
|  |       | <p>Largest Magnitude Sun./Holiday Increase over one year ago</p> | <p>Largest Magnitude Sun./Holiday Increase over last quarter</p> |
|  |       | <p>2 AM 16.8% ↑</p>  | <p>12 PM 237.6% ↑</p>  |

| Measure  | Graph   | Percentage Change                                   |   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|--|---|---|---|---------------------|---------------------|-------------------------|-----|---------|-------|------------------------------|---------|-------|-----|---|---|-----|-----|-------------------------------|------|-----|-----|---|---|------|------|--------|-----|-----|-----|--------|-----|-----|-----|------|------|-----|-----|------|-----|-----|-----|---|---|
| <b>Total Vehicle Hours of Delay (VHD) by County at 35 mph</b>                | <p style="text-align: center;"><b>Hours (Thousands)</b></p> <table border="1"> <caption>Total Vehicle Hours of Delay (VHD) by County at 35 mph</caption> <thead> <tr> <th>County</th> <th>2019 Q3 (Thousands)</th> <th>2020 Q2 (Thousands)</th> <th>2020 Q3 (Thousands)</th> </tr> </thead> <tbody> <tr><td>Butte</td><td>~10</td><td>~10</td><td>~10</td></tr> <tr><td>El Dorado</td><td>~100</td><td>~50</td><td>~50</td></tr> <tr><td>Nevada</td><td>~50</td><td>~20</td><td>~20</td></tr> <tr><td>Placer</td><td>~100</td><td>~50</td><td>~50</td></tr> <tr><td>Sacramento</td><td>~1000</td><td>~250</td><td>~250</td></tr> <tr><td>Sierra</td><td>~10</td><td>~10</td><td>~10</td></tr> <tr><td>Sutter</td><td>~10</td><td>~10</td><td>~10</td></tr> <tr><td>Yolo</td><td>~300</td><td>~50</td><td>~50</td></tr> <tr><td>Yuba</td><td>~50</td><td>~10</td><td>~10</td></tr> </tbody> </table> | County  | 2019 Q3 (Thousands)                                 | 2020 Q2 (Thousands) | 2020 Q3 (Thousands) | Butte                   | ~10 | ~10     | ~10   | El Dorado                    | ~100    | ~50   | ~50 | Nevada                                  | ~50                                     | ~20 | ~20 | Placer                        | ~100 | ~50 | ~50 | Sacramento  | ~1000   | ~250 | ~250 | Sierra | ~10 | ~10 | ~10 | Sutter | ~10 | ~10 | ~10 | Yolo | ~300 | ~50 | ~50 | Yuba | ~50 | ~10 | ~10 | <p>Largest Magnitude Decrease over one year ago</p> | <p>Largest Magnitude Decrease over last quarter</p> |
| County   | 2019 Q3 (Thousands)   | 2020 Q2 (Thousands)                                 | 2020 Q3 (Thousands)                                 |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Butte  | ~10   | ~10   | ~10   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| El Dorado  | ~100  | ~50   | ~50   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Nevada   | ~50   | ~20   | ~20   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Placer   | ~100  | ~50   | ~50   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Sacramento   | ~1000   | ~250  | ~250  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Sierra   | ~10   | ~10   | ~10   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Sutter   | ~10   | ~10   | ~10   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Yolo   | ~300  | ~50   | ~50   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Yuba   | ~50   | ~10   | ~10   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>Sacramento<br/>-75.7% ↓</p>                      | <p>—</p>  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>Largest Magnitude Increase over one year ago</p> | <p>Largest Magnitude Increase over last quarter</p> |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>—</p>  | <p>El Dorado<br/>458.7% ↑</p>                       |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| <b>Average Non-Holiday Weekday Equivalent Lost Lane Mile Hours at 35 mph</b> | <p style="text-align: center;"><b>Miles</b></p> <table border="1"> <caption>Average Non-Holiday Weekday Equivalent Lost Lane Mile Hours at 35 mph</caption> <thead> <tr> <th>Time Period</th> <th>2019 Q3 (Miles)</th> <th>2020 Q2 (Miles)</th> <th>2020 Q3 (Miles)</th> </tr> </thead> <tbody> <tr><td>AM Peak (6 AM to 10 AM)</td><td>~28</td><td>~4</td><td>~4</td></tr> <tr><td>Off-Peak Day (10 AM to 3 PM)</td><td>~20</td><td>~7</td><td>~11</td></tr> <tr><td>PM Peak (3 PM to 7 PM)</td><td>~40</td><td>~7</td><td>~15</td></tr> <tr><td>Off-Peak Night (7 PM to 6 AM)</td><td>~6</td><td>~6</td><td>~5</td></tr> </tbody> </table>  | Time Period   | 2019 Q3 (Miles)                                     | 2020 Q2 (Miles)     | 2020 Q3 (Miles)     | AM Peak (6 AM to 10 AM) | ~28 | ~4      | ~4    | Off-Peak Day (10 AM to 3 PM) | ~20     | ~7    | ~11 | PM Peak (3 PM to 7 PM)                  | ~40                                     | ~7  | ~15 | Off-Peak Night (7 PM to 6 AM) | ~6   | ~6  | ~5  | <p>Largest Magnitude Decrease over one year ago</p> | <p>Largest Magnitude Decrease over last quarter</p> |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Time Period  | 2019 Q3 (Miles)   | 2020 Q2 (Miles)                                     | 2020 Q3 (Miles)                                     |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| AM Peak (6 AM to 10 AM)  | ~28   | ~4  | ~4  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Off-Peak Day (10 AM to 3 PM)   | ~20   | ~7  | ~11   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| PM Peak (3 PM to 7 PM)   | ~40   | ~7  | ~15   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Off-Peak Night (7 PM to 6 AM)  | ~6  | ~6  | ~5  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>PM Peak<br/>-72.6% ↓</p>                         | <p>Off-Peak Night<br/>-15.3% ↓</p>                  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>Largest Magnitude Increase over one year ago</p> | <p>Largest Magnitude Increase over last quarter</p> |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>—</p>  | <p>PM Peak<br/>122.2% ↑</p>                         |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| <b>Average Number of Good and Bad Detectors</b>                              | <p style="text-align: center;"><b>Number of Detectors</b></p> <table border="1"> <caption>Average Number of Good and Bad Detectors</caption> <thead> <tr> <th>Quarter</th> <th>Average of Good</th> <th>Average of Bad</th> </tr> </thead> <tbody> <tr><td>2019 Q3</td><td>2,022</td><td>630</td></tr> <tr><td>2020 Q2</td><td>2,041</td><td>595</td></tr> <tr><td>2020 Q3</td><td>1,957</td><td>688</td></tr> </tbody> </table>  | Quarter   | Average of Good                                     | Average of Bad      | 2019 Q3             | 2,022                   | 630 | 2020 Q2 | 2,041 | 595                          | 2020 Q3 | 1,957 | 688 | <p>Change in Good over one year ago</p> | <p>Change in Good over last quarter</p> |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| Quarter  | Average of Good   | Average of Bad                                      |   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| 2019 Q3  | 2,022   | 630   |   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| 2020 Q2  | 2,041   | 595   |   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
| 2020 Q3  | 1,957   | 688   |   |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>-3% ↓</p>  | <p>-4% ↓</p>  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>Change in Bad over one year ago</p>              | <p>Change in Bad over last quarter</p>              |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |
|  |   | <p>9% ↑</p>   | <p>16% ↑</p>  |                     |                     |                         |     |         |       |                              |         |       |     |   |   |     |     |                               |      |     |     |   |   |      |      |        |     |     |     |        |     |     |     |      |      |     |     |      |     |     |     |   |   |

Note: As is identified by the detector health graph above, the District’s detector health has worsened. The graphs indicate a 4% decrease in the number of Good detectors, comparing with previous quarter. Caltrans has a Traffic Monitoring Station project (EA: 3F840) completed to help improve detector health. Two other projects will cover locations that were missed by this and other previous projects.

Overall, congestion and delay has increase due to lifting of the Shelter-In-Place order, when compared with the previous quarter and Q2 2019. See table below for reference.

| Congestion by Route |            |                                  |                |                |                            |               |                            |              |         |         |         |
|---------------------|------------|----------------------------------|----------------|----------------|----------------------------|---------------|----------------------------|--------------|---------|---------|---------|
| Route               | County     | Vehicle Hours of Delay at 35 mph |                |                | Difference 2020 Q3-2019 Q3 |               | Difference 2020 Q3-2020 Q2 |              | Rank    |         |         |
|                     |            | 2019 Q3                          | 2020 Q2        | 2020 Q3        | Absolute                   | Percentage    | Absolute                   | Percentage   | 2019 Q3 | 2020 Q2 | 2020 Q3 |
| I5                  | Sacramento | 211,496                          | 44,520         | 66,141         | -145,355                   | -68.7%        | 21,621                     | 48.6%        | 4       | 2       | 1       |
| SR99                | Sacramento | 207,990                          | 106,416        | 64,235         | -143,755                   | -69.1%        | -42,181                    | -39.6%       | 5       | 1       | 2       |
| SR51                | Sacramento | 265,264                          | 29,685         | 60,064         | -205,200                   | -77.4%        | 30,380                     | 102.3%       | 1       | 4       | 3       |
| US50                | El Dorado  | 92,989                           | 9,209          | 57,470         | -35,519                    | -38.2%        | 48,260                     | 524.0%       | 6       | 8       | 4       |
| IS0                 | Yolo       | 224,523                          | 21,695         | 40,268         | -184,255                   | -82.1%        | 18,573                     | 85.6%        | 3       | 6       | 5       |
| IS0                 | Nevada     | 46,671                           | 4,040          | 40,110         | -6,561                     | -14.1%        | 36,071                     | 892.9%       | 11      | 10      | 6       |
| IS0                 | Placer     | 87,802                           | 31,603         | 34,051         | -53,751                    | -61.2%        | 2,448                      | 7.7%         | 7       | 3       | 7       |
| US50                | Sacramento | 233,019                          | 26,469         | 33,239         | -199,780                   | -85.7%        | 6,770                      | 25.6%        | 2       | 5       | 8       |
| SR65                | Placer     | 32,892                           | 5,428          | 15,165         | -17,727                    | -53.9%        | 9,738                      | 179.4%       | 12      | 9       | 9       |
| IS0                 | Sacramento | 70,207                           | 9,438          | 14,350         | -55,857                    | -79.6%        | 4,912                      | 52.0%        | 8       | 7       | 10      |
| SR267               | Placer     | 3,911                            | 471            | 8,098          | 4,187                      | 107.0%        | 7,626                      | 1617.8%      | 16      | 16      | 11      |
| US50                | Yolo       | 58,951                           | 2,945          | 5,626          | -53,326                    | -90.5%        | 2,680                      | 91.0%        | 9       | 11      | 12      |
| SR70                | Yuba       | 47,472                           | 1,255          | 5,004          | -42,468                    | -89.5%        | 3,750                      | 298.9%       | 10      | 13      | 13      |
| SR12                | Sacramento | 4,557                            | 899            | 3,681          | -876                       | -19.2%        | 2,782                      | 309.4%       | 14      | 15      | 14      |
| I5                  | Yolo       | 26,173                           | 1,998          | 2,477          | -23,695                    | -90.5%        | 480                        | 24.0%        | 13      | 12      | 15      |
| SR89                | Placer     | 1,372                            | 9              | 823            | -549                       | -40.0%        | 814                        | 9142.7%      | 18      | 20      | 16      |
| SR89                | El Dorado  | 0                                | 1,146          | 386            | 386                        |               | -760                       | -66.3%       |         | 14      | 17      |
| SR99                | Butte      | 4,012                            | 28             | 328            | -3,685                     | -91.8%        | 299                        | 1057.6%      | 15      | 19      | 18      |
| SR99                | Sutter     | 1,800                            | 4              | 308            | -1,493                     | -82.9%        | 303                        | 7055.8%      | 17      | 21      | 19      |
| SR113               | Yolo       | 547                              | 73             | 26             | -520                       | -95.2%        | -47                        | -63.9%       | 20      | 17      | 20      |
| SR28                | Placer     | 3                                | 3              | 8              | 6                          | 223.1%        | 6                          | 223.1%       | 21      | 22      | 21      |
| SR160               | Sacramento | 634                              | 51             | 1              | -633                       | -99.9%        | -50                        | -98.2%       | 19      | 18      | 22      |
| IS0                 | Sierra     | 0                                | 0              | 0              | 0                          |               | 0                          |              |         |         |         |
| SR275               | Yolo       | 0                                | 0              | 0              | 0                          |               | 0                          |              |         |         |         |
| <b>TOTALS</b>       |            | <b>1,948,291</b>                 | <b>333,063</b> | <b>542,567</b> | <b>-1,405,724</b>          | <b>-72.2%</b> | <b>209,503</b>             | <b>62.9%</b> |         |         |         |

As indicated by the table above the Total Delay for all monitored routes has increased by 209,503 hours, a rise of 62.9% when compared with previous quarter.

Based on the total delay by route, I-5 was the worst performing freeway in District 3 due to construction of the HOV lanes. The top three out of five most congested routes are in Sacramento County, which is due to the increasing travel demand associated with Sacramento County’s high population, regional employment and educational centers. As identified on pages 2 and 3 of this document, Caltrans is continuing the process of implementing HOV lanes and 24/7 ramp meter operations for Sacramento’s freeway system. HOV lane projects on SR-51, I-5, and US-50 are

planned to mitigate congestion on these routes. Further congestion mitigation can be achieved by Work at Home and increasing mode shift away from single occupancy vehicles to higher occupancy vehicles such as carpooling, vanpooling, and higher utilization of mass transit options. The District continues to explore the best possible ways to reduce delay in the impacted areas of District 3.