



# TAM COVID-19 TRAVEL CONDITIONS IN MARIN COUNTY

TAM Board of Commissioners Meeting

July 23, 2020

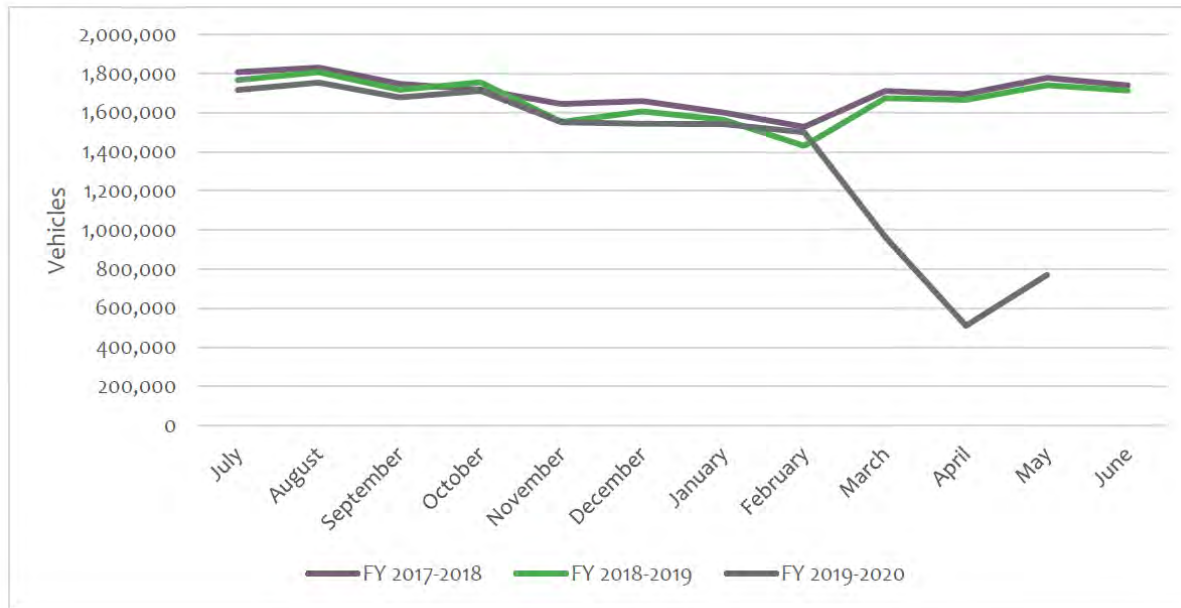
# Study Purpose and Background



- June 25<sup>th</sup>, TAM Board discussion on COVID-19 recovery planning
- Traffic monitoring and reporting program developed with city/county fee increase in 2015
- Establish local conditions to compare to regional/state reports
- Monitoring and reporting on trends to:
  - Inform traffic studies
  - Support recovery planning
  - Inform policy considerations

# Bridge Vehicle Travel

- Golden Gate Southbound



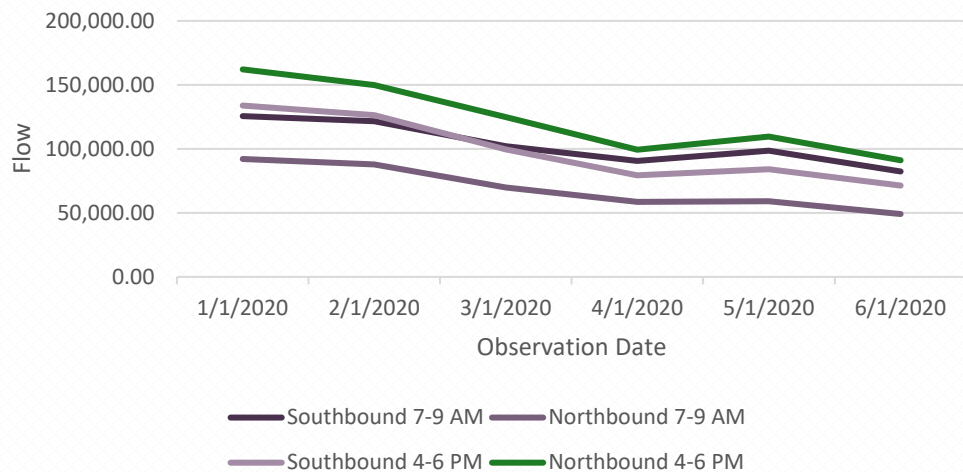
- Richmond San Rafael Westbound



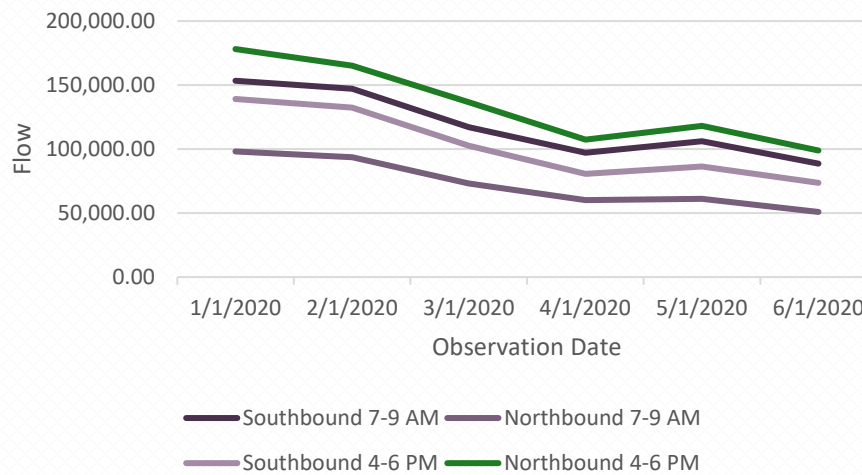
# TRAFFIC FLOW – HIGHWAY 101

Measured at various points in Marin County Source: PEMS

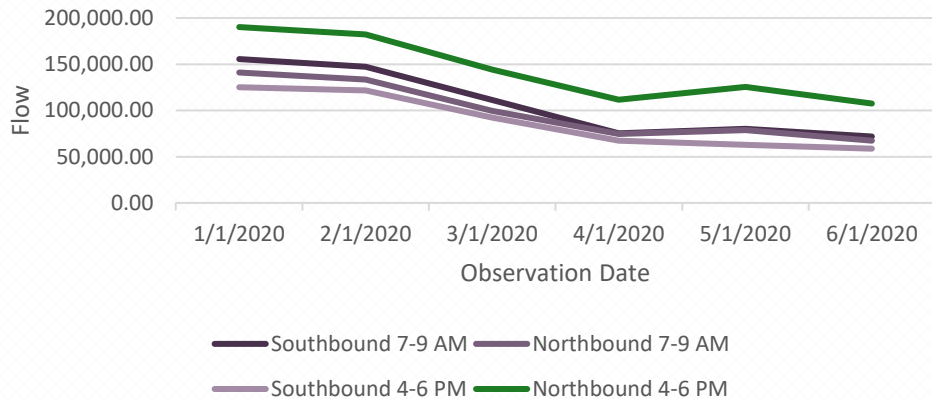
### 101 - Novato (Near Ignacio Blvd)



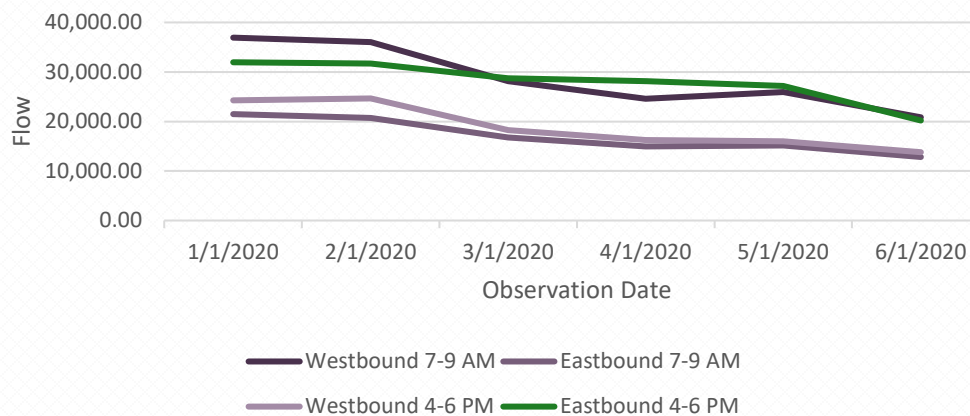
### 101 - Marinwood (Near Miller Creek Road)



### 101 - San Rafael (@ I-580 Exchange)



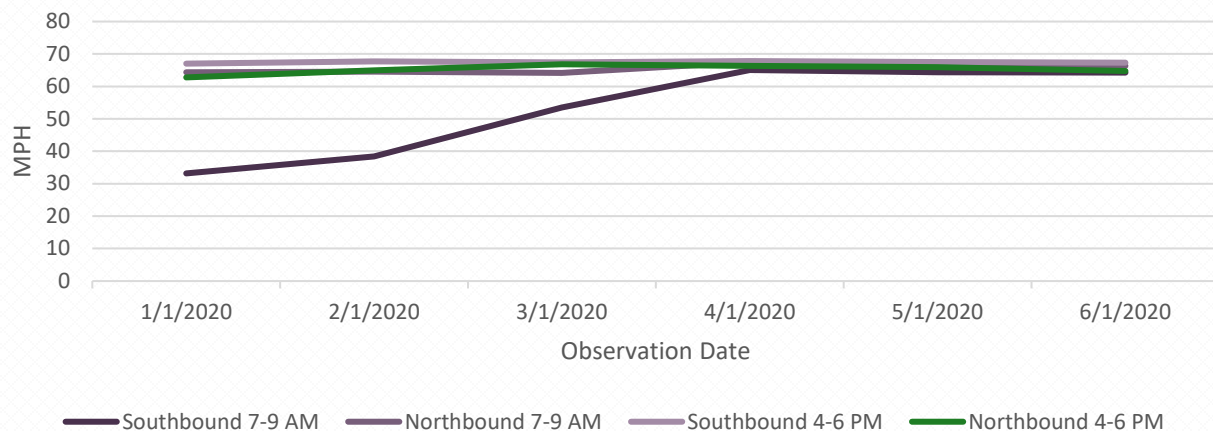
### SR 37 (at Black Point)



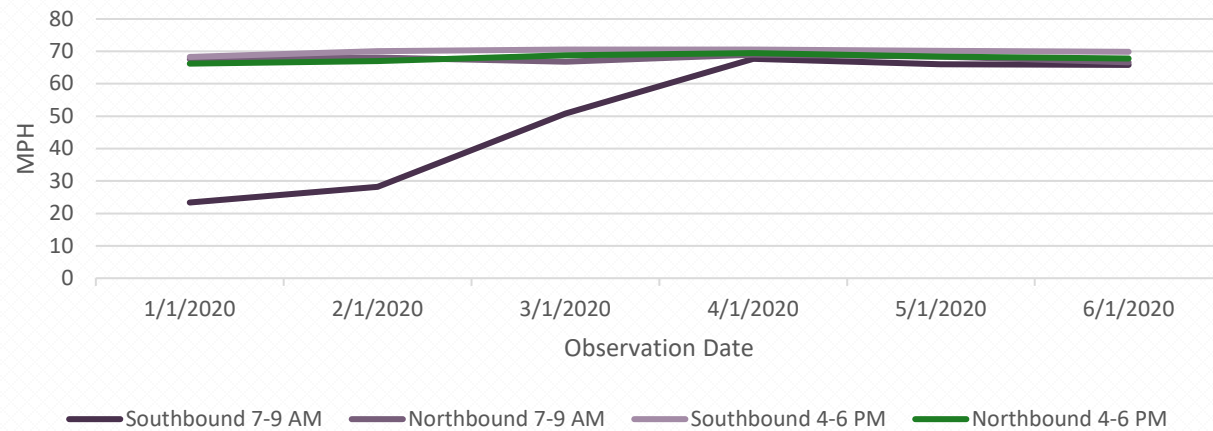
# AVERAGE HIGHWAY SPEEDS

Measured at various points in Marin County Source: PEMS

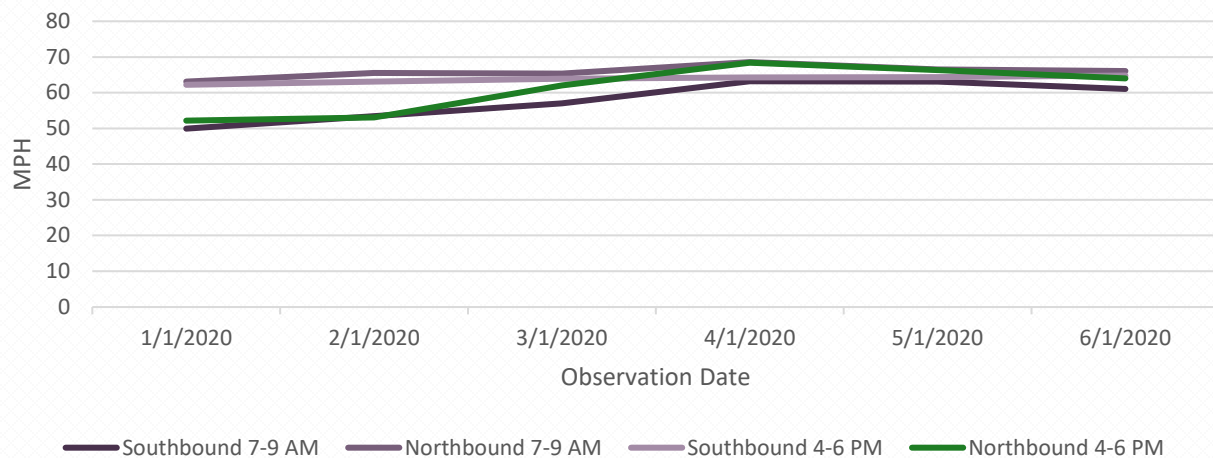
## 101 - Novato (Near Ignacio Blvd)



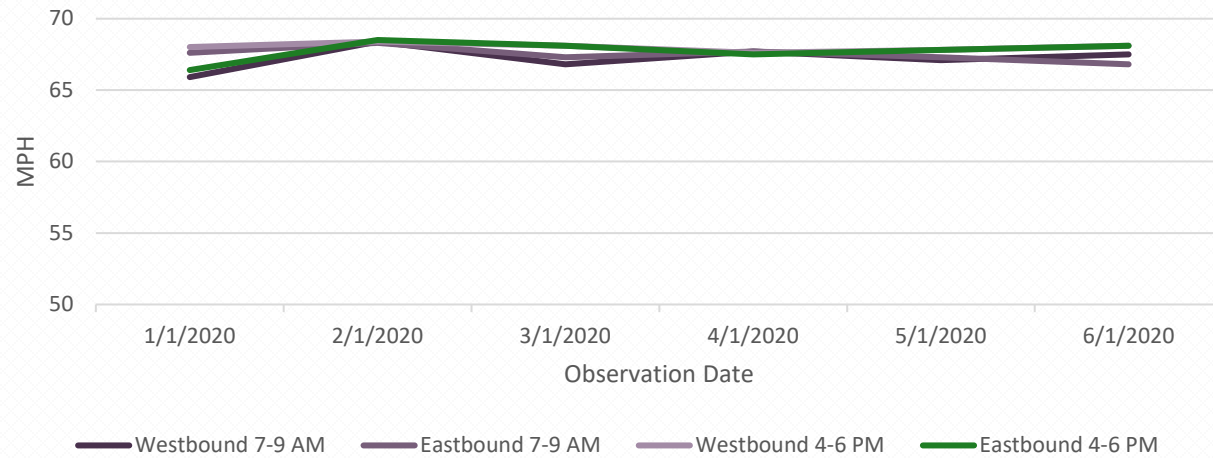
## 101 - Marinwood (Near Miller Creek Road)



## 101 - San Rafael (@ I-580 Exchange)

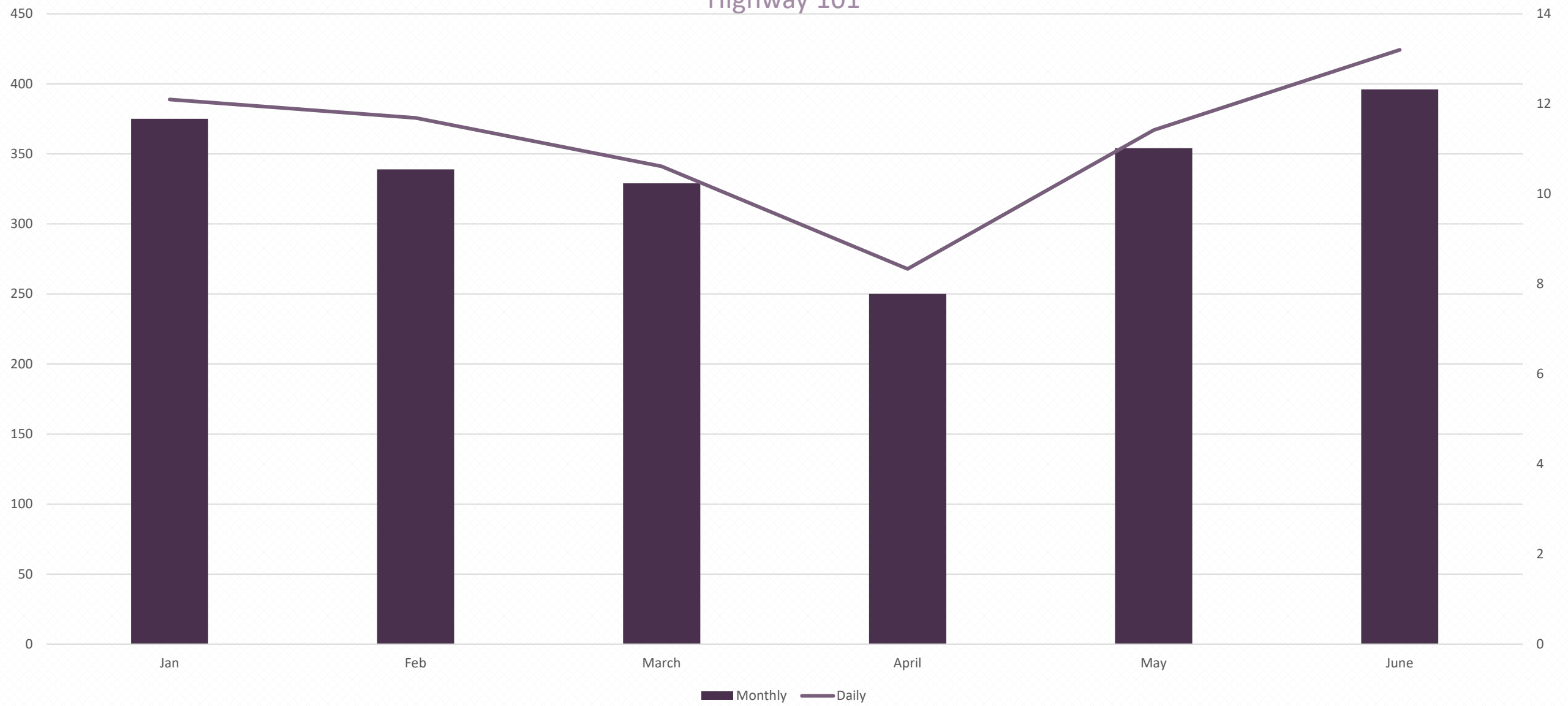


## SR 37 (at Black Point)



# MONTHLY AND DAILY INCIDENTS

Highway 101

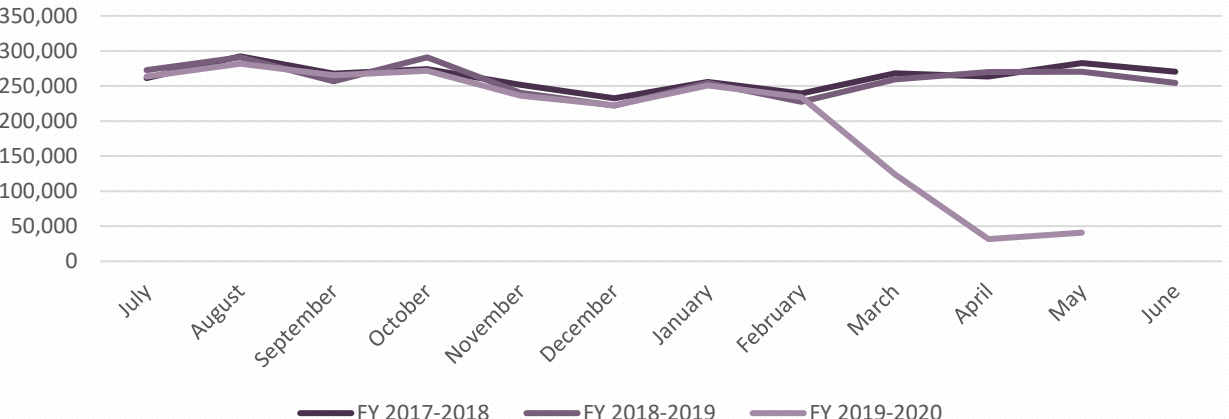




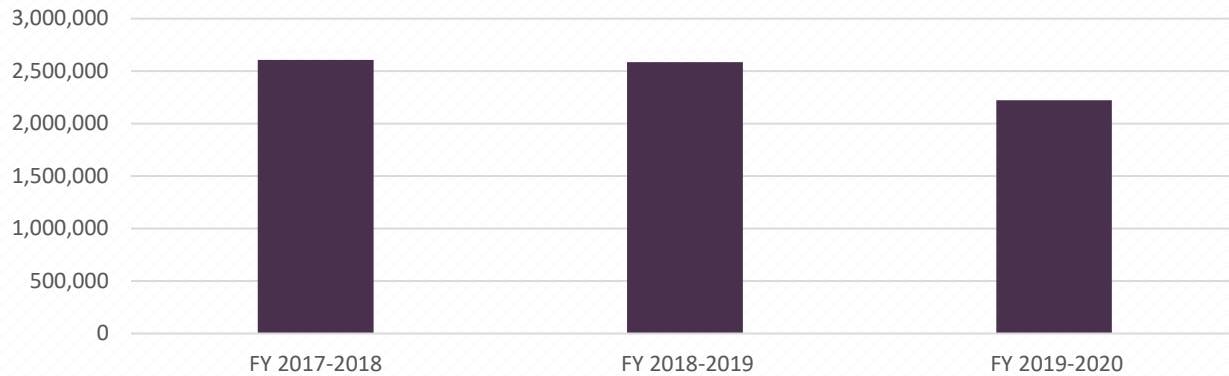
# GOLDEN GATE TRANSIT

Both bus and ferry levels have reached significant lows starting from February.

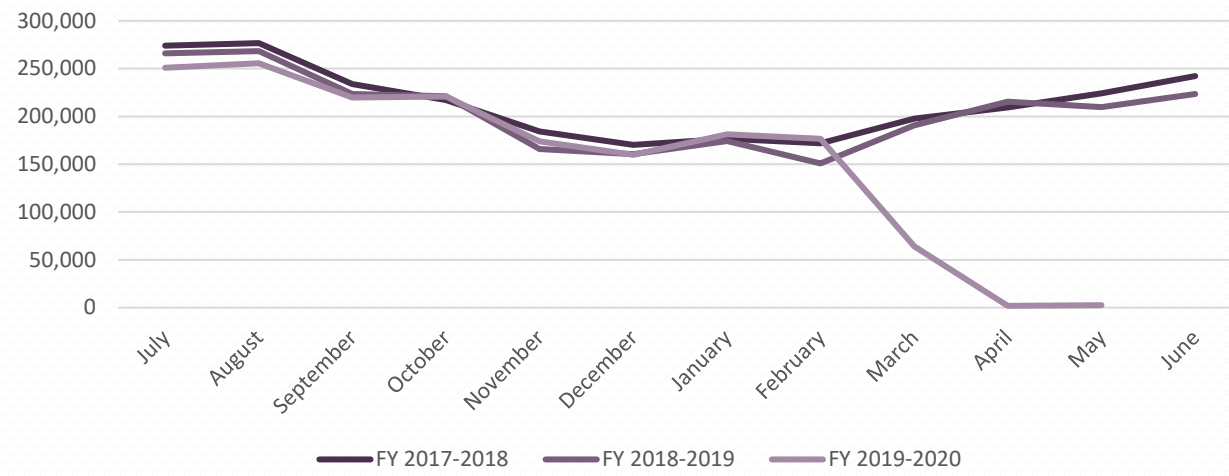
### Golden Gate Monthly Regional Bus Ridership



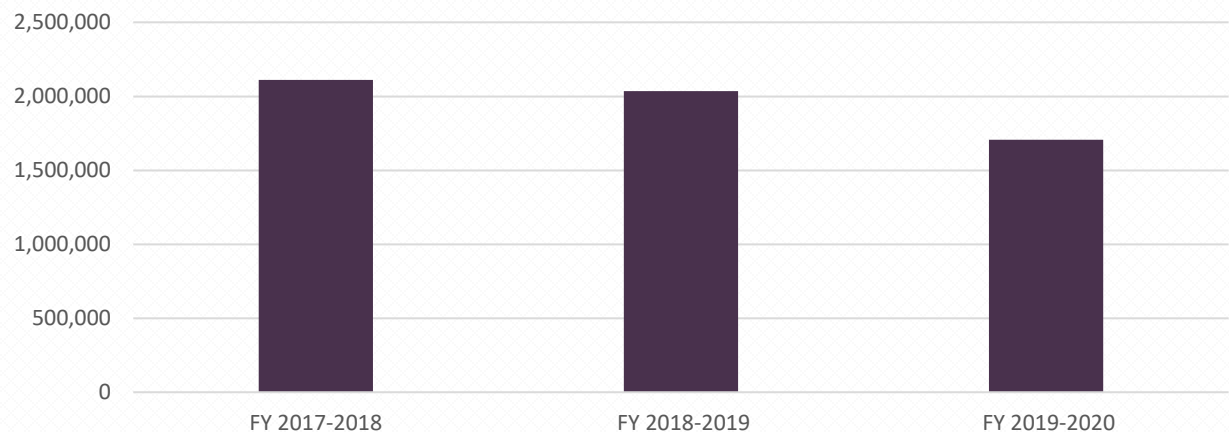
### Bus Ridership Subtotal (July through May)



### Golden Gate Monthly Ferry Ridership



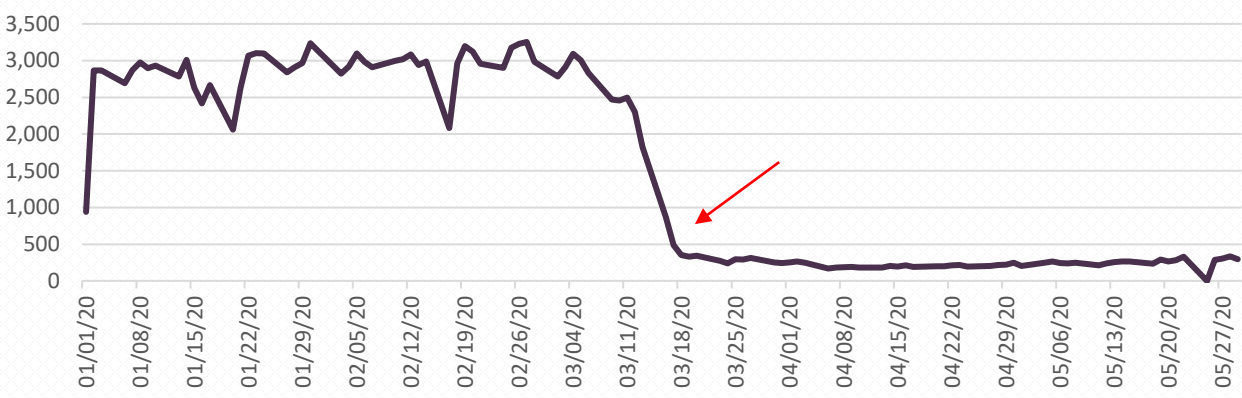
### Ferry Ridership Subtotal (July through May)



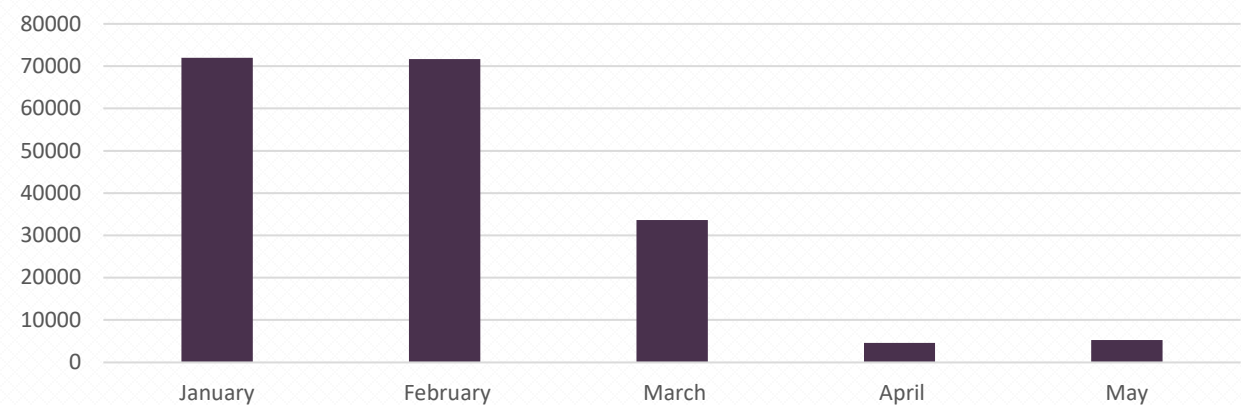
# SMART (SONOMA-MARIN AREA RAIL TRANSIT)

Large decrease in ridership corresponding with Shelter-in-place order

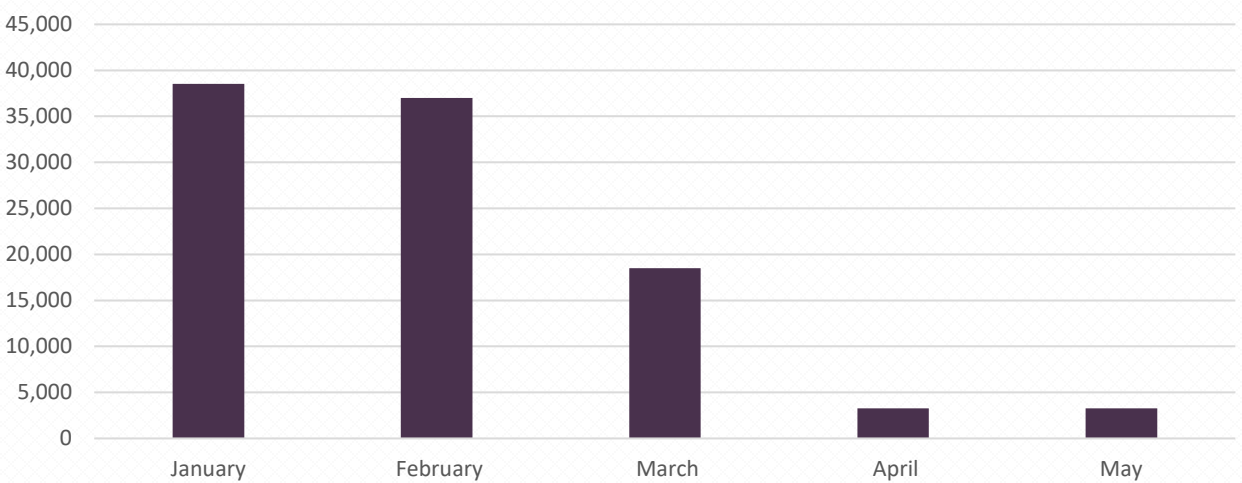
SMART Ridership (Weekday)



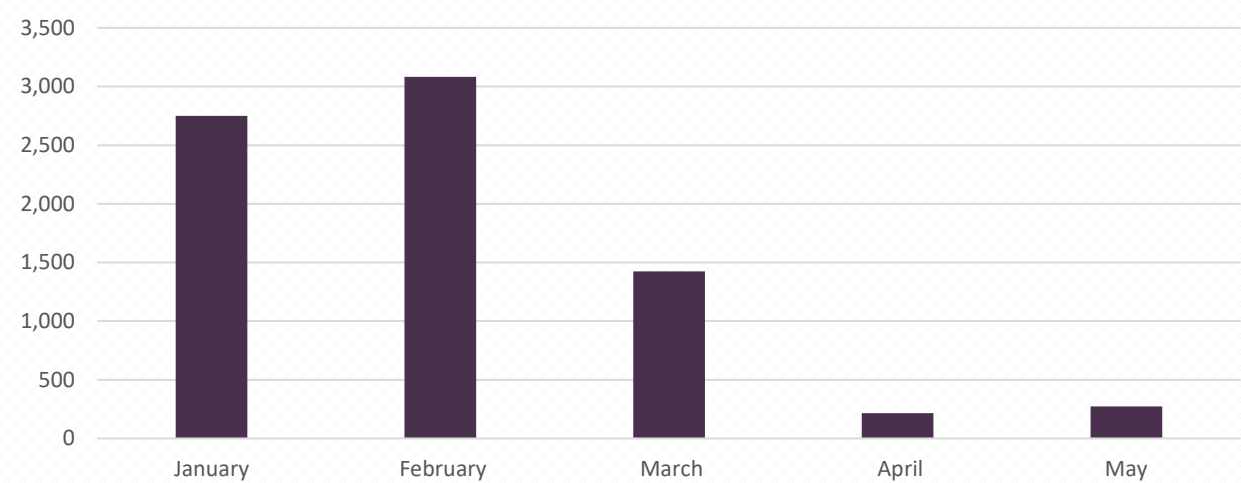
SMART Ridership (Monthly Totals)



SMART Ridership Monthly (Weekday [T-Th] Totals)



SMART Ridership Daily Average (T-Th)

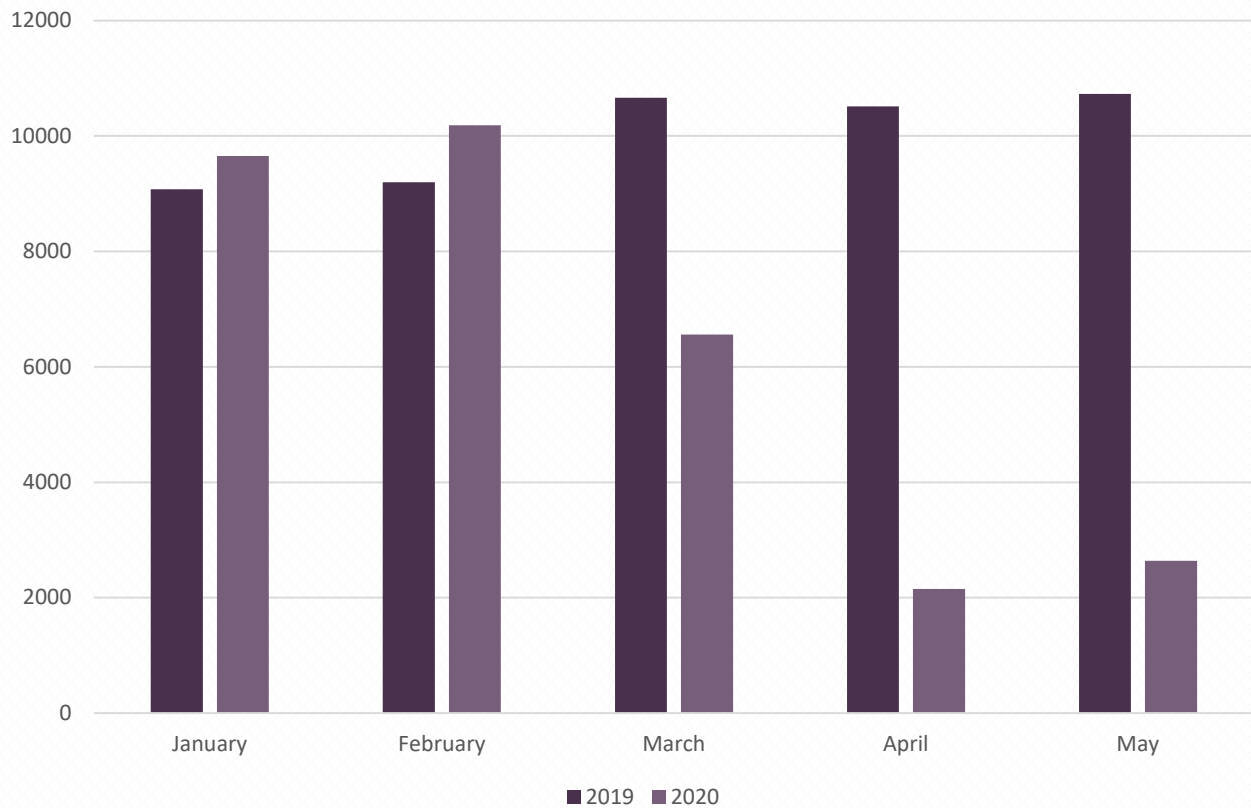




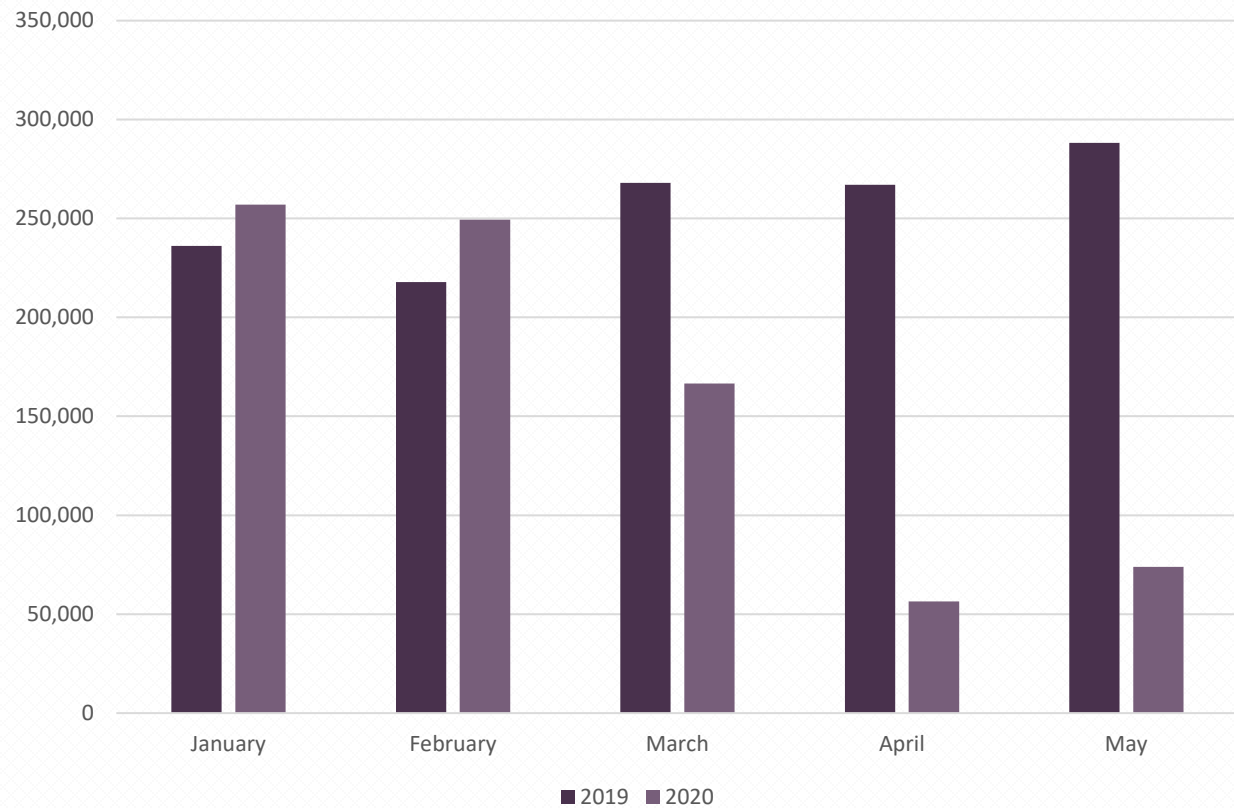
# MARIN TRANSIT

2020 reflected ridership increases in January and February followed up with a large drop in March.

### Marin Transit Monthly Average Weekday Ridership

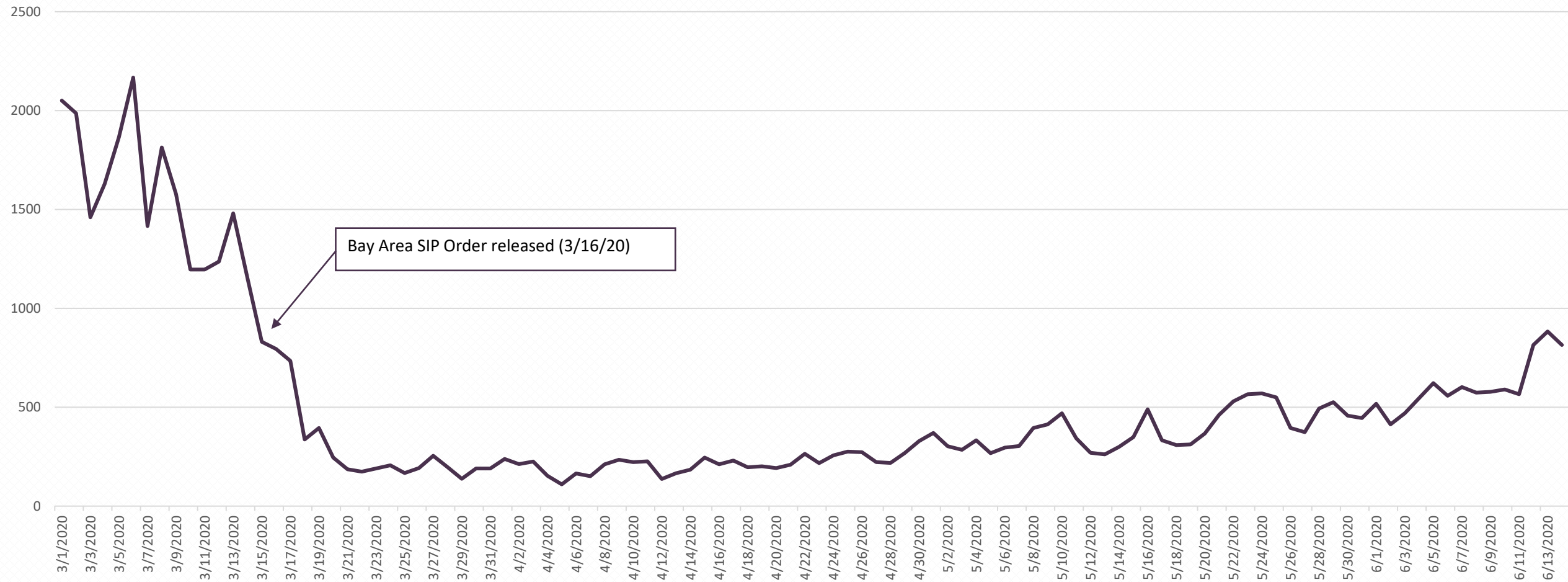


### Marin Transit Monthly Fixed Route Ridership



# VEHICLE EMISSIONS

CO2 Emissions (in Tons)



# Initial Findings

- Highway volumes are growing but congestion has not returned (yet)
- Efforts to maintain/grow transit ridership levels over previous years are at risk
- Transit services that provide for “Choice Riders” are suffering largest transit declines
- Auto speeds have increased, and auto incidents are back (even as volumes haven’t fully recovered)
- Active transportation modes are up on multi-use paths

