

ALAMEDA COUNTY TRANSPORTATION COMMISSION

2020 Multimodal Monitoring Preliminary Results

Presentation to the Alameda County Technical Advisory Committee
November 5, 2020

Legislative Background

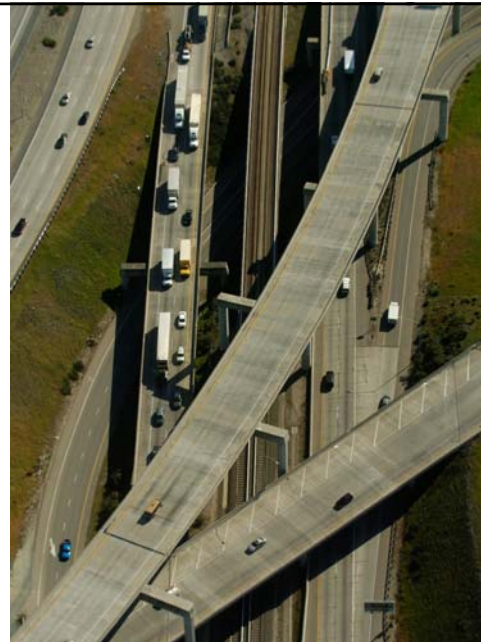
- **State CMP law requires CMAs to:**
 - Designate a CMP roadway network
 - Monitor LOS on the CMP network at least biennially
 - Develop deficiency plans to improve segments performing below LOS-E in the PM-peak period

- **Alameda CTC monitors:**
 - 553-mile roadway network for both the AM and PM peak-periods
 - Freeways on Weekends
 - HOV and Express Lanes

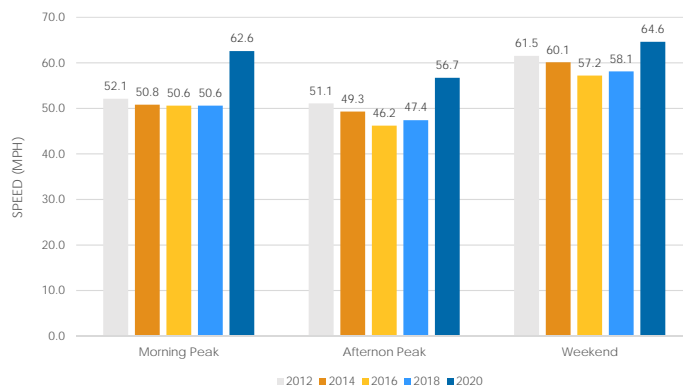


Fall Data Collection and COVID-19

- Historic average speeds in the fall, similar to spring
- Auto LOS Monitoring synchronized with bike and pedestrian counts
- No transit data collection
- Greater emphasis on:
 - Trends
 - Context
 - Comparative Analysis



Preliminary Results: Freeway Speed

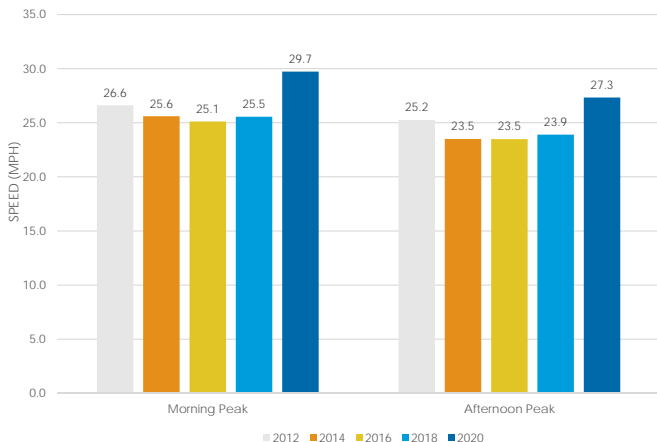


- Average freeway speeds up over 20%
- Near free-flow in the morning
- No precedent for average freeway speeds

Source: INRIX data (September 2020)



Preliminary Results: Highway and Arterial Speeds



- Highway/Arterial Speeds also up, but not as much (+16%)
- Afternoon peak comparable to mid-recession speeds. Still up (+14%)

Source: INRIX data (September 2020)



PM Peak Level of Service

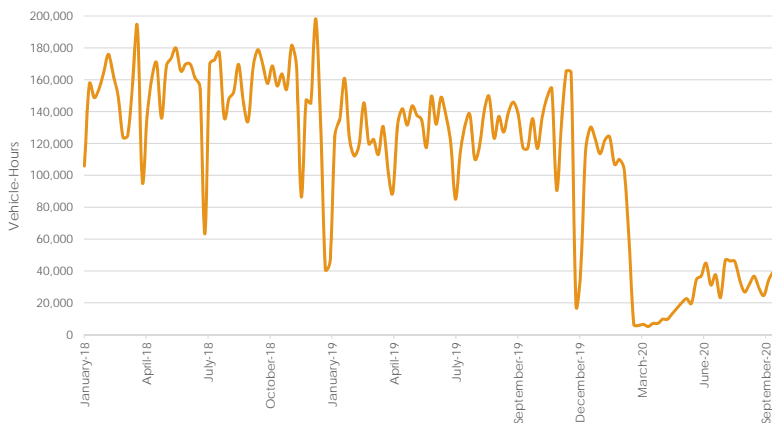


- Only a handful of LOS-F segments networkwide on the Tier 1 network
- No deficiency plans expected in 2020

Source: INRIX data (September 2020)



Vehicle Delay

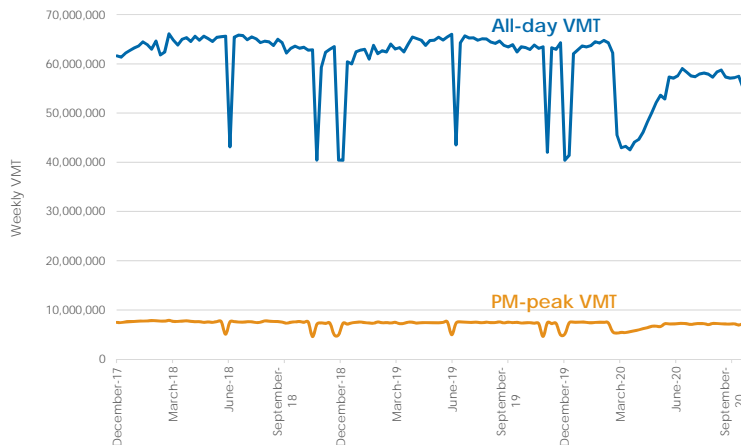


- Daily VHD down 74%
- PM-peak VHD also down)

Source: PeMS



Countywide VMT

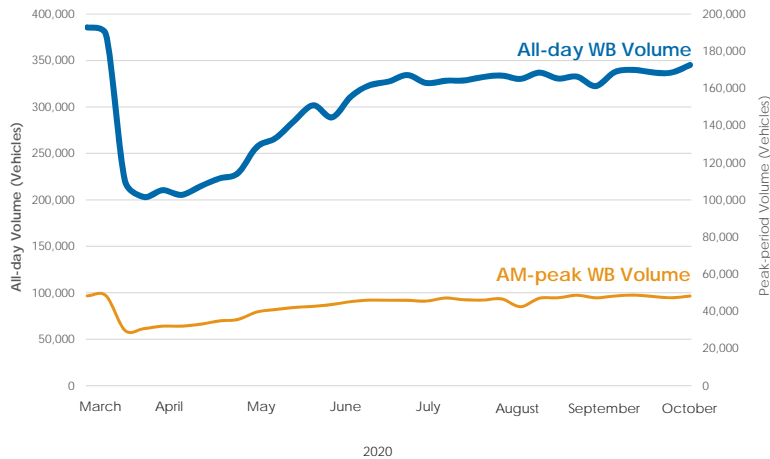


- VMT down about 10% from this time a year ago
- PM-peak down just 4% from this time a year ago

Source: PeMS



Bay Bridge Volumes



- All-day volume down 11% from pre-COVID level
- Morning volumes back to pre-COVID level

Source: BATA



Summary

- Unclear what “new normal” will be – but multiple indicators are now stable
- Fall 2020 speeds up significantly, especially freeways, especially in the morning
- Delay down substantially (very little LOS-F)
- VMT and volumes down, but not by much



What's Next?

- **ACTAC Request**

- Provide comments on Tier 1 network by November 23th

- **Next Steps**

- Process data for Tier 2 arterials (local arterials)
- Final results will be presented to Committees in early 2021
- Deficiency determinations will follow final results
- Final report published in early 2021 with web mapping platform to explore current and historic data