

# SB 743 and Vehicle Miles Traveled

October 14, 2019

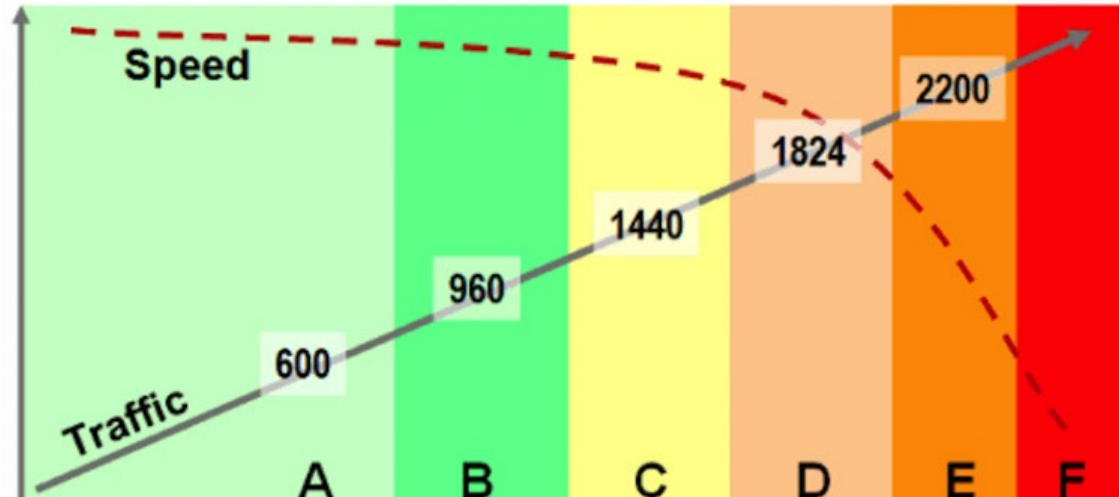
## What does SB 743 do?

- Eliminates LOS/Delay as a CEQA (California Environmental Quality Act) metric
- Adds Vehicle Miles Traveled (VMT) as a CEQA metric
- Changes where significant impacts occur
- Changes mitigation focus
- Changes how mitigation effectiveness is demonstrated



# What is Level of Service?

- Measure of delay or congestion.
- Expressed as A – F grade with A being good (free flow) and F being bad (totally congested).
- Usually expressed in seconds of delay per vehicle at an intersection or along a segment



# What is Vehicle Miles Traveled (VMT)?

- Measures the amount of vehicular travel across the system, rather than at specific points, usually expressed per person
- Measure of total travel and activity not congestion
- Captures “big picture” or regional impacts of travel



# Which is better?

45 min commute,  
including 5 min from  
congestion



Good LOS Grade

Bad Accessibility

20 min commute,  
including 10 min from  
congestion



Bad LOS Grade

Good Accessibility



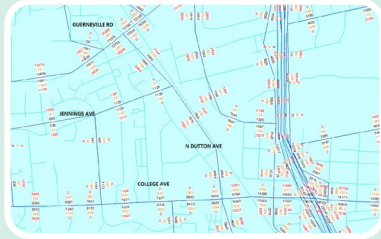
## Level of Service A

(Courtesy of Governor's Office of Planning and Research)



## Level of Service F

(Courtesy of Governor's Office of Planning and Research)



Travel Model  
– SCTM,  
Regional  
Travel Model



Traffic  
Counts and  
Road  
Segment  
Lengths



Travel  
Behavior  
Study  
(mobile  
source data)



Travel  
Surveys



- VMT Screening Maps
- VMT Summaries
- Travel Model Improvements (weekends, tourism)
- White paper on setting thresholds and implementation
- Travel Behavior Study
- Project level VMT analysis

# SB 743 Implementation Timeline

