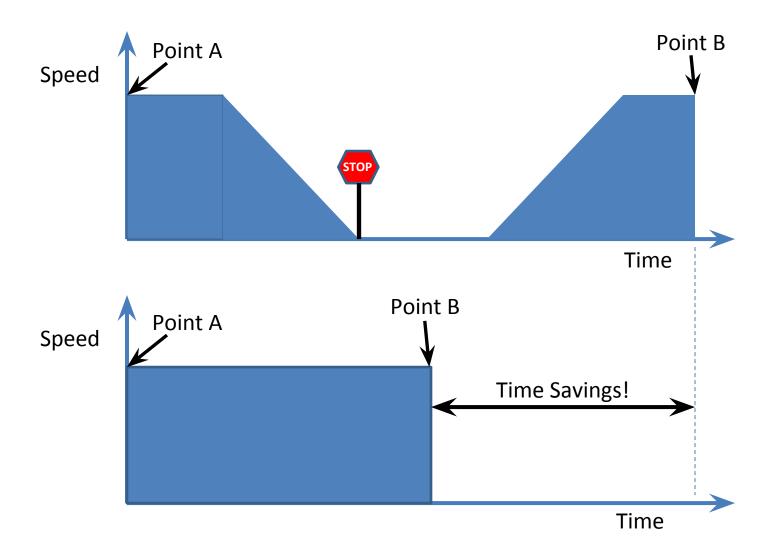
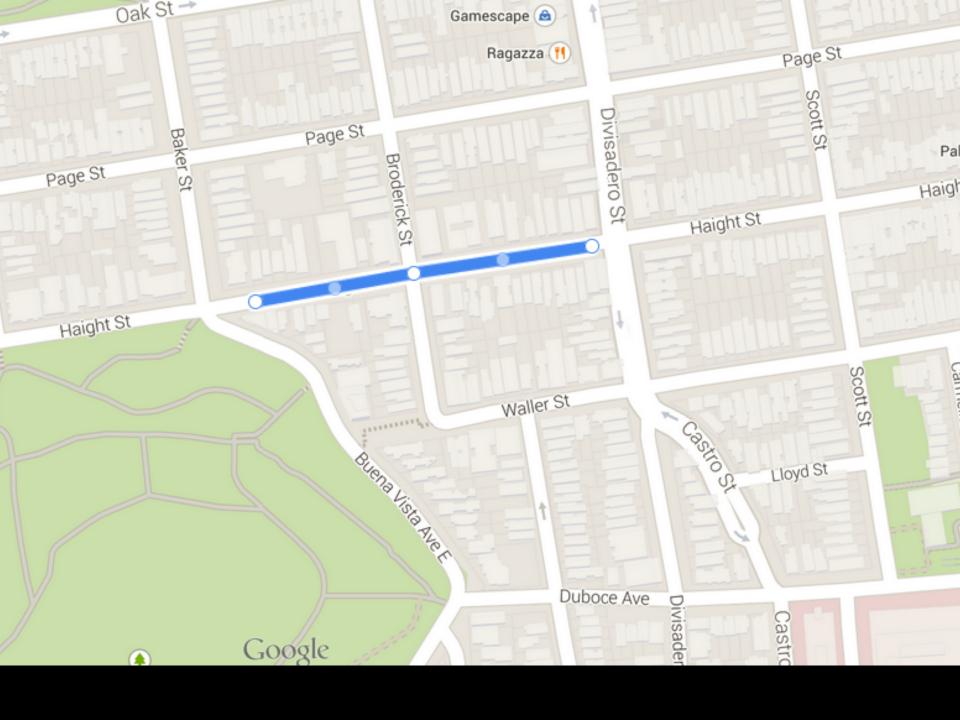
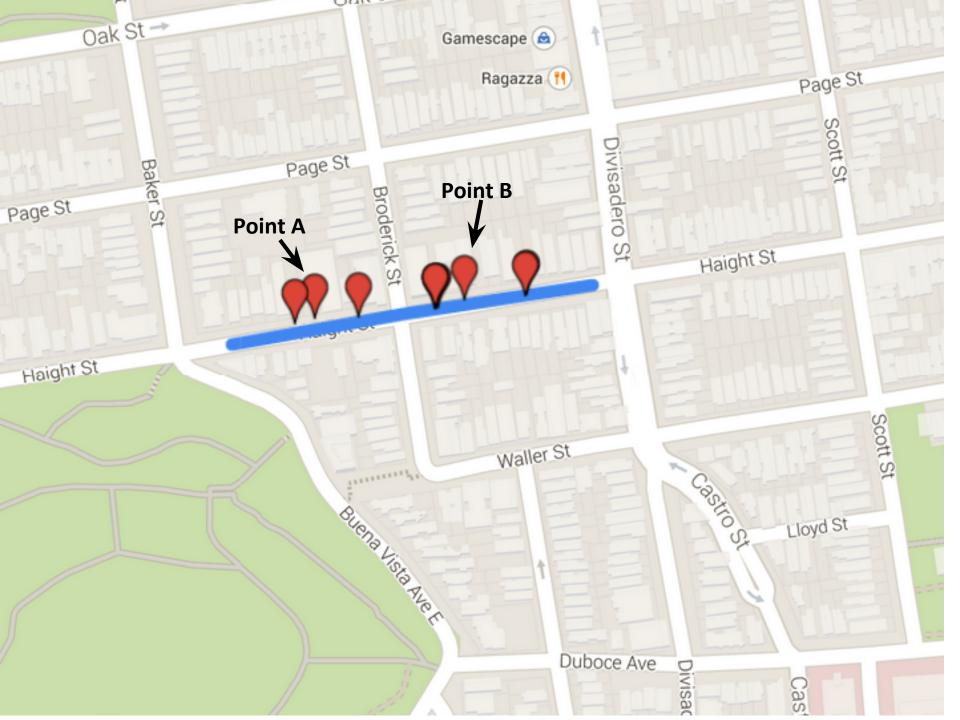
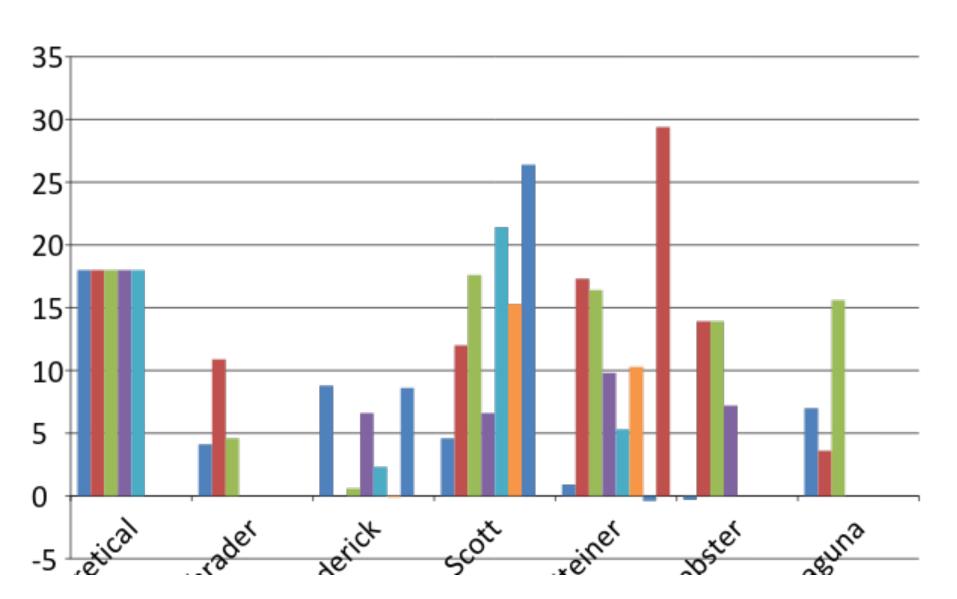
### Need to measure!



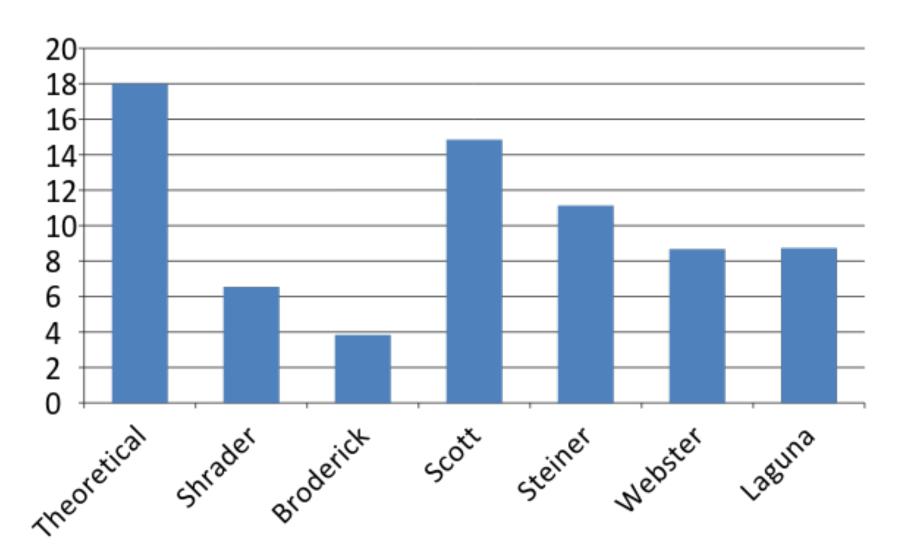




# **Delay Times**



## **Average Delay Times**



## Traffic Signal Delays

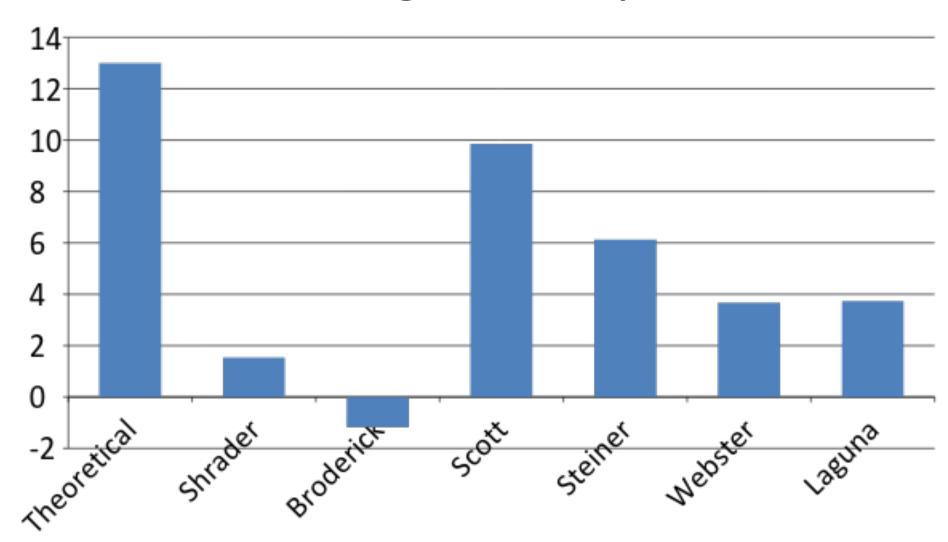
Even with TPS buses delayed 1/3 of the time

Signal delay = 10 seconds at stop + 5 decelerating

Average Signal delay = 1/3 (10 seconds + 5 seconds)

Average Signal delay = **5 seconds** 

# After Traffic Signal Delays Included



#### Conclusions

- Traffic signal definitely doesn't help
  - Shrader & Broderick
- Likely not worthwhile
  - Laguna & Webster
- More justified
  - Scott

#### Conclusions

- Other improvements far more worthwhile
  - Stop consolidation
  - Bus bulbs
  - Transit Preferential Signaling where signals exist
  - Turn restrictions

- Use 2-way stop where possible
  - Shrader & Steiner!