Need to measure!
Time Savings!
Delay Times
Average Delay Times

- Theoretical: 18
- Shrader: 6
- Broderick: 2
- Scott: 14
- Steiner: 11
- Webster: 8
- Laguna: 8
Traffic Signal Delays

Even with TPS buses delayed 1/3 of the time

Signal delay = 10 seconds at stop + 5 decelerating

Average Signal delay = $\frac{1}{3} (10 \text{ seconds} + 5 \text{ seconds})$

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!