I TOLD YOU THAT BUS WAS CRAZY

TARGETING AND EVALUATING SPEED AND RELIABILITY IMPROVEMENTS WITH DETAILED BUS TIME BUDGETS
FAST OR RELIABLE

Cumulative time (minutes)

Cumulative distance (miles)

Fastest

Most reliable
Buses aren’t just another vehicle

Prioritize buses over other vehicles to reduce time and variation

But you need to know how much time they spend doing things.
NON-REVENUE ACTIVITIES

Trip 1

Pull-out

Deadhead

Trip 2

Pull-in

Garage
IN-SERVICE ACTIVITIES

- **Passenger Activity**
  - Arrive
  - Open
  - Close
  - Depart

- **Non-Passenger**
  - Arrive
  - Sch Open
  - Close
  - Depart
Stop Zone

≥ 5 mph

< 5 mph

Passenger

Non-passenger
CAN ROUTE 5 OPERATE LIKE A SUBURBAN LOCAL OR COMMUTER EXPRESS?

-Everyone who rode the 5
ARE INTERVENTIONS EFFECTIVE?

WHAT DO INTERVENTIONS DO ANYWAY?

-Decision makers
<table>
<thead>
<tr>
<th></th>
<th>Speed</th>
<th>Reliability</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TSP</strong></td>
<td>?</td>
<td>⭐</td>
<td>In-motion, stop delay</td>
</tr>
<tr>
<td><strong>Stop</strong></td>
<td>⭐⭐</td>
<td>⭐</td>
<td>In-motion, zone travel, passenger</td>
</tr>
<tr>
<td><strong>Consolidation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TSP &amp;</strong></td>
<td>⭐⭐⭐</td>
<td>⭐⭐⭐</td>
<td>ALL</td>
</tr>
<tr>
<td><strong>Consolidation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bus Only</strong></td>
<td>⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐⭐</td>
<td></td>
<td>In-motion, stop delay</td>
</tr>
<tr>
<td><strong>Lane</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Offboard</strong></td>
<td>⭐⭐</td>
<td>⭐⭐⭐</td>
<td>Passenger</td>
</tr>
<tr>
<td><strong>Payment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
NEXT STEPS

- Evaluate stop consolidation on Route 2
- Evaluate TSP on Route 5
- Evaluate Bus Only Lanes on Routes 6, 12, 17, 114