Measuring Success: Using data wisely for a healthier, wealthier, more equitable city

Jeffrey Tumlin
## Old Speed Paradigm -> Roadway LOS

<table>
<thead>
<tr>
<th>LOS</th>
<th>Average delay in seconds per vehicle</th>
<th>Description of motorist perception</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>&lt; 10</td>
<td>Free-flow traffic: “Good” LOS</td>
</tr>
<tr>
<td>B</td>
<td>10.1 – 20</td>
<td>Reasonable free-flow</td>
</tr>
<tr>
<td>C</td>
<td>20.1 – 35</td>
<td>Stable but unreasonable delay begins to occur</td>
</tr>
<tr>
<td>D</td>
<td>35.1 – 55</td>
<td>Borderline “bad” LOS</td>
</tr>
<tr>
<td>E</td>
<td>55.1 – 80</td>
<td>“Bad” LOS: long queues</td>
</tr>
<tr>
<td>F</td>
<td>&gt; 80</td>
<td>Unacceptable: very high delay, congestion</td>
</tr>
</tbody>
</table>

Source: Reid Ewing
Level of Service A
Level of Service F
Level of Service F
What’s important depends upon perspective

Traffic engineer: F A

Economist: A F
Induced and Latent Demand

- Congestion
- More People Drive
- Faster Driving
- Widen Roadway
For More Information

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