Erik Ruehr, VRPA Technologies, Inc.

Chair, California SB 743 Task Force
Institute of Transportation Engineers – Western District

Fresno COG SB 743 Workshop
January 8, 2019
Outline

- Comments on Statewide Guidelines
  - Overall Comments
  - Opportunities
  - Challenges
- San Diego Regional SB 743 Guidelines
- Questions / Discussion
WHAT WE DO NOW

SB 743:
A Transportation Engineer’s Perspective
What We Will Do Under SB 743
(Starting July 1, 2020)

VMT = Vehicle Miles Traveled
Number of Trips x Length of Trip

Compare To
Fresno Region
Regional or City VMT/Employee = ?
VMT/Capita = ?

VMT Map of Fresno COG, generated by the California Statewide Travel Demand Model
What We Will Do Under SB 743

SB 743: A Transportation Engineer’s Perspective
Transportation Projects

Net Change in VMT = ?

Net Change in VMT = ?
SB 743: Opportunities

CEQA

Climate Action

Smart Growth

Multimodal Transportation Networks

Improvements

SB 743: A Transportation Engineer’s Perspective
SB 743: Challenges

- Development Projects in Auto-Oriented Areas: Should they provide roadway improvements?
- Small Projects in Auto-Oriented Areas: Will they require an EIR?
- Development Projects in Low-VMT Areas: Should they provide multimodal transportation improvements?
- Uncertainty Due to Potential Legal Challenges
San Diego Area SB 743 Guidelines

- San Diego Area Currently has LOS-based Traffic Impact Study (TIS) Guidelines prepared by Institute of Transportation Engineers (ITE) and San Diego Engineers Council
- New SB 743-based TIS Guidelines under development by ITE
- New TIS Guidelines will also include updated LOS-based guidelines for those agencies who continue to use LOS.
## Comparison of Statewide and Draft San Diego Regional Guidelines

<table>
<thead>
<tr>
<th>Issue</th>
<th>Statewide Guidance</th>
<th>San Diego Regional Guidance</th>
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</thead>
<tbody>
<tr>
<td>Minimum Threshold for VMT Analysis</td>
<td>• 110 ADT</td>
<td>• 500 ADT or 1,000 ADT (depending on comparison to existing land use plans)</td>
</tr>
<tr>
<td>Basis for VMT Comparison</td>
<td>• Regional or City-wide (residential) • Regional (office)</td>
<td>• Regional, City-wide or community (for all projects)</td>
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<tr>
<td>VMT Analysis Methodology</td>
<td>• Various methodologies discussed</td>
<td>• Small Projects: Regional web-based VMT tool • Large Projects: Run model</td>
</tr>
<tr>
<td>Transportation Projects</td>
<td>• No performance measure or threshold specified</td>
<td>• Use VMT as performance measure • Threshold is based on comparison to current circulation element</td>
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San Diego Regional SB 743 Guidelines: Proposed Schedule

- Draft Guidelines Reviewed by ITE Members: January 2019
- Final Guidelines: April 2019
- Presentation at Western District ITE Meeting: June 2019