2020 SACOG
Travel Model User Conference

Welcome
Transportation Modeling and Analysis Team (TMAT)

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Key Presenters

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A ROAD MAP TO A BRIGHTER FUTURE
METROPOLITAN TRANSPORTATION PLAN /
SUSTAINABLE COMMUNITIES STRATEGY

February 24, 2020 – SACOG’s Travel Modeling User Conference
What is the MTP/SCS?

- Long Range Economic Forecast
- Land Use Forecast
- Transportation Budget & Investments
- Performance Outcomes
- Policies and Strategies
STATE AND FEDERAL AIR QUALITY REQUIREMENTS
Greenhouse Gas Reduction Target

2005: 19%
2016 MTP/SCS: 3%
2020 MTP/SCS: 16%
2035: 16%
1. Build vibrant places for today’s and tomorrow’s residents

Key strategy:
Increase infill development
2. Foster the next generation of mobility solutions

Key strategy:
Innovate and pilot new ways to get people where they want to go
3. Modernize the way we pay for transportation infrastructure

Key strategy:
Road pricing, managed lanes

EXPRESS LANES (MULTI-LANE HOT FACILITY)

- I-495, Virginia
- I-10, Los Angeles CA
- I-405, Washington
- I-70, Colorado
- I-15, San Diego CA
- I-95, Virginia
4. Build and maintain a safe, reliable, and multimodal transportation system

Key strategy:
Invest more than $35 billion over the next 20 years with the following priorities: (1) Fix it; (2) Operate it; (3) Expand capacity cautiously.
Where and What Growth is Most Likely to Occur?

LOCAL PLANS + POLICY/REGULATORY FORCES = MARKET FORCES → LAND USE FORECAST
### Supply & Demand in 2040

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<thead>
<tr>
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<th>SUPPLY</th>
<th>DEMAND</th>
<th>SURPLUS</th>
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<tbody>
<tr>
<td>Jobs</td>
<td>1.1 million</td>
<td>270 thousand</td>
<td>860 thousand</td>
</tr>
<tr>
<td>Homes</td>
<td>663 thousand</td>
<td>260 thousand</td>
<td>403 thousand</td>
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Centers & Corridors
Established Communities
Developing Communities
Lands Not Identified for Development
Transportation Needs

Land Use Forecast
Growth Forecast

270,000 jobs

260,000 homes
Growth Forecast

- 270,000 jobs
- 260,000 homes

Land Use Pattern

- 64% Established & Center/Corridor Communities
- 35% Developing Communities
- 73% Small-Lot & Attached Homes
- 27% Large-Lot Homes & Rural Residential
Growth Forecast

270,000 jobs
260,000 homes

Land Use Pattern

64% Established & Center/Corridor Communities
35% Developing Communities
73% Small-Lot & Attached Homes
27% Large-Lot Homes & Rural Residential

Transportation Investments

Budget: $35 Billion
Requests: $50 Billion
Reduce Vehicle Miles Traveled

Accelerate adoption of zero emission vehicles (battery or fuel cell)

Eliminate vehicle trips

Promote growth in low-VMT areas

Convert trips to sustainable modes