OVERVIEW

• Background/History in San Francisco
• Analyzing VMT in San Francisco
• Lessons Learned
• Conclusion
• Q&A
CITY/COUNTY AND STATE LOS REFORM HISTORY

Since at least 2003

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>2003</td>
<td>County publishes Strategic Analysis Report</td>
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<td>2012</td>
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INFILL OPPORTUNITY ZONES

San Francisco TAZs within Infill Opportunity Zones
By Percentage of TAZ contained within IOZ
CITY/COUNTY AND STATE LOS REFORM HISTORY

Since at least 2003

- **2003**
  - County publishes Strategic Analysis Report

- **2004**
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- **2010**

- **2011**

- **2012**
  - City publishes NOP for TSP
Transportation Sustainability Program

**TSS**
Multi-modal transportation analysis

- Additional capacity means fewer transit impacts
- Ensures new development minimizes impacts to all travel modes

**TSP**
Moving more people with less impact

- Helps fund increases to transit capacity
- Creates mode shift to sustainable modes, including transit

**TSF & expenditure program**

- Results in need for increased transit capacity

**TDM**
CITY/COUNTY AND STATE LOS REFORM HISTORY

Since at least 2003

California Legislature
Passes Senate Bill 743

2013 2014 2015 2016 2017-18

September
TRANSPORTATION SUSTAINABILITY PROGRAM

Keeping people moving as our city grows

**align**
MODERNIZE ENVIRONMENTAL REVIEW
More meaningful transportation analysis that better captures environmental effects

**shift**
ENCOURAGE SUSTAINABLE TRAVEL
On-site transportation amenities that reduce reliance on driving

**invest**
ENHANCE TRANSPORTATION TO SUPPORT GROWTH
Development fee to help fund transit and safer streets
Since at least 2003, City conducts public outreach on LOS Reform/TSP
SUMMARY OF PREVIOUS TRANSPORTATION REVIEW

Transportation and Circulation Sub-Topics*

1. *Automobile Delay (Level of Service)*
2. Riding Transit
3. Walking
4. Bicycling
5. Loading (freight and passenger)
6. Emergency Vehicle Access
7. Construction

*Each Sub-Topic Evaluates

- Conflicts with Plans and Policies
- Site Circulation and Access
VEHICLE MILES TRAVELED – DEFINED

How do you travel?  
How far do you travel?  
Who do you travel with?  
Air pollution, greenhouse gases, energy

VEHICLE MILES TRAVELED (VMT)

High VMT

30 miles

×

×

=  

Low VMT

4 miles

×

×

=
SUMMARY OF CHANGES

Goodbye LOS…Hello VMT!

TRANSPORTATION PROJECTS

• VMT Significance Criteria
  • Substantially Induce Additional Automobile Travel
    » Examples: Expansion or Creation of New Highways

• Presumed Less than Significant on VMT
  • Transit lanes
  • Vision Zero improvements
  • Bicycle facilities
SUMMARY OF CHANGES
Goodbye LOS…Hello VMT!

LAND USE PROJECTS

- VMT Significance Criteria
  - **Residential**, Office, and Retail = compare to regional average

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Daily Regional Average</th>
<th>Daily Regional Average minus 15%</th>
<th>Daily City Hall Area</th>
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<tbody>
<tr>
<td>Households (Residential)</td>
<td>17.2</td>
<td>14.6</td>
<td>2.3</td>
</tr>
<tr>
<td>Employment (Office)</td>
<td>19.1</td>
<td>16.2</td>
<td>7.5</td>
</tr>
<tr>
<td>Employment (Retail)</td>
<td>14.9</td>
<td>12.6</td>
<td>7.9</td>
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SUMMARY OF CHANGES

Goodbye LOS…Hello VMT!

LAND USE PROJECTS

• If significant impact:
  • Mitigation Measures
    » Transportation Demand Management
POST-LOS TRANSPORTATION REVIEW

Transportation and Circulation Sub-Topics

Automobile Delay (Level of Service)

1. VMT and Induced Automobile Travel Analysis
2. Riding Transit
3. Walking
4. Bicycling
5. Loading (freight and passenger)
6. Emergency Vehicle Access
7. Construction

Development Standards

• TDM Plan
Transportation Sustainability Program

Next Steps

- Planning Commission Adoption – August 7
- Board of Supervisor hearings – Fall/Winter
- Implementation – Winter
Lessons Learned

• Understand your Tools
• Steal from others! Use everything out there
• Work across agencies
• Make it understandable
• Give something back
• Move forward
THANK YOU

TRANSPORTATION SUSTAINABILITY PROGRAM
Keeping people moving as our city grows

Website: sf-planning.org/transportation-sustainability-program

Email: tsp@sfgov.org