Transportation Sustainability Program

Photo: Sergio Ruiz
Transportation Sustainability Program

Keeping people moving as our City grows

**Invest**

ENHANCE TRANSPORTATION TO SUPPORT GROWTH

- November 2015

**Align**

MODERNIZE ENVIRONMENTAL REVIEW

- March 2016

**Shift**

ENCOURAGE SUSTAINABLE TRAVEL

Initiation Hearing – April 28, 2016
Travel Behavior Trends are Shifting for Commuters

Recent Trends – Commuter Trips

- 94% net new commuters using sustainable or space efficient modes
- 6% net new drivers

Change in Net New # of Commuters by Mode – San Francisco (2006 – 2014)

Source: Jamie Parks, Twitter, SF Streetsblog, ACS Data
Recent Trends – Vehicle Availability

Travel Behavior Trends are Shifting for Residents


Source: Michael Rhodes, Census and ACS Data
ENCOURAGE SUSTAINABLE TRAVEL
## Transportation Demand Management (TDM)

### Current San Francisco

<table>
<thead>
<tr>
<th>Framework</th>
<th>Varying Planning Code requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timing</td>
<td>Afterthought</td>
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<td>Parking</td>
<td>n/a; parking maximums</td>
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## Transportation Demand Management (TDM)

<table>
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<tr>
<th>Current San Francisco</th>
<th>Best Practices*</th>
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*Best practice research included, but not limited to, following jurisdictions: Oakland, CA (proposed); San Mateo, CA (proposed); Santa Monica, CA; Boulder, CO; Cambridge, MA; Arlington, VA; Fairfax, County, VA; Bellevue, WA; and Seattle, WA.
TDM Ordinance Basics

Target

Aimed at reducing Vehicle Miles Traveled (VMT)

Menu of Options

Project sponsor chooses the best fit for each project and neighborhood to reach targets

Implementation Strategy

Measure and enforce progress to ensure targets are achieved
VEHICLE MILES TRAVELED – DEFINED

VEHICLE MILES TRAVELED (VMT)

HIGH VMT

LOW VMT

HOW DO YOU TRAVEL?

HOW FAR DO YOU TRAVEL?

WHO DO YOU TRAVEL WITH?

AIR POLLUTION, GREENHOUSE GASES, ENERGY

30 MILES × 4 MILES ×

= 240 MILES

= 120 MILES
## TDM Ordinance Target
Based on # off-street vehicular parking spaces

<table>
<thead>
<tr>
<th>Land Use Category</th>
<th>Typical Land Use Type</th>
<th># of Parking Spaces proposed by Land Use</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Retail</td>
<td>Base number: 0 &lt;= 4</td>
<td>Base Target: 13 points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Each additional 2</td>
<td>1 additional point</td>
</tr>
<tr>
<td>B</td>
<td>Office</td>
<td>Base number: 0 &lt;= 20</td>
<td>Base Target: 13 points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Each additional 10</td>
<td>1 additional point</td>
</tr>
<tr>
<td>C</td>
<td>Residential</td>
<td>Base number: 0 &lt;= 20</td>
<td>Base Target: 14 points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Each additional 10</td>
<td>1 additional point</td>
</tr>
<tr>
<td>D</td>
<td>Other</td>
<td>Any # of parking spaces</td>
<td>3 points</td>
</tr>
</tbody>
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TDM Ordinance Basics

Target
Aimed at reducing Vehicle Miles Traveled (VMT)

Menu of Options
Project sponsor chooses the best fit for each project and neighborhood to reach targets

Implementation Strategy
Measure and enforce progress to ensure targets are achieved
26 Measures:
Under the control of the developer or tenant
All reduce vehicle miles traveled (VMT)

Range of Effectiveness: Sample Measures

- Low: 1 point
  - Wayfinding
  - Signage

- Medium: 3 points
  - Family TDM Amenities
  - Additional Bicycle Parking

- High: 10+ points
  - Public Transit Subsidy
  - Reduced Parking Supply
How will this work?

1. Sponsor goes online, selects measures, submits measures with application.
Example Project – Dogpatch Neighborhood

<table>
<thead>
<tr>
<th>Dwelling Units</th>
<th>44</th>
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<td>12</td>
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<tr>
<td>Target</td>
<td>14 Points</td>
</tr>
</tbody>
</table>

- Code Compliance/Location
  - Bicycle Parking (1 point)
  - Parking Unbundling (2 points)

Note: represents TDM measures the Project Sponsor could select.
Meet Neighborhood Parking Rate = 1 Point

Every 10% below Neighborhood Parking Rate = 1+ points

11 total points available

Neighborhood Parking Rate = 0.6 per unit
## Example Project – Dogpatch Neighborhood

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**Target**  
14 Points

**Code Compliance/Location**  
- Bicycle Parking (1 point)  
- Parking Unbundling (2 points)

**Parking Supply**  
- Neighborhood Parking Rate 0.6 per unit  
- Project Parking Rate 0.3 per unit  
  (6 points)

Note: represents TDM measures the Project Sponsor could select.
## Example Project – Dogpatch Neighborhood

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<tr>
<td>Additional Measures</td>
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<tr>
<td>- Multimodal Wayfinding Signage (1 point)</td>
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### Dwelling Units
- 44

### # of Parking Spaces
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<td>14 + 2 = 16 Points</td>
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#### Code Compliance/Location
- Bicycle Parking (1 point)
- Parking Unbundling (2 points)
- Additional Bicycle Parking (4 points)
- Parking Unbundling (2 points)

#### Parking Supply
- Neighborhood Parking Rate 0.6 per unit
- Project Parking Rate 0.3 per unit (6 points)
- Neighborhood Parking Rate 0.6 per unit
- Project Parking Rate 0.75 per unit (0 points)

#### Additional Measures
- Multimodal Wayfinding Signage (1 point)
- Car-Share Parking (2 points)
- Family TDM – Amenities (2 points)
- Multimodal Wayfinding Signage (1 point)
- Additional Car-Share Parking (4 points)
- Additional Family TDM (4 points)
- On-site Affordable Housing (1 point)

Note: represents measures the Project Sponsor could select.
How will this work?

1. Sponsor goes online, selects measures, submits measures with application

2. City staff reviews; recommends measures as conditions of approval
How will this work?

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3. Planning Commission approves; building permits issued
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How will this work?

1. Sponsor goes online, selects measures, submits measures with application

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3. Planning Commission approves; building permits issued

4. Pre-occupancy compliance; on-going compliance documentation
## Outreach and Next Steps

### Completed & Future
- Community Advisory Committees
- Development community
- Transportation advocates
- Boards and Commissions (MTA, SFCTA, Environment)
- Open House (5/18)

### Legislative Process
- Planning Commission Initiation Hearing – April 28th
- Planning Commission Adoption Hearing – July 7th
- Board of Supervisor Hearings – to follow
THANK YOU

TRANSPORTATION SUSTAINABILITY PROGRAM

Keeping people moving as our city grows

Website: http://tsp.sfplanning.org
Email: TSP@sfgov.org