Regional VMT Mitigation Study
May 18, 2023

Agenda

- SB 743 Primer
- Work Plan
- Overview of VMT Mitigation Programs
- TREDLite
- Project Status and Schedule
**SB 743 Overview**

- SB 743 is CEQA Specific
- Basis for a “transportation significant impact” determination
- Sustainability and GHG reduction by
  - Denser infill development
  - Reducing single occupancy vehicles
  - Improved mass transit
- Lead agencies have until July 1, 2020
- Most recent guidance is from December 2018
- Applies to both land use and transportation projects
- VMT is the principal metric

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**Level of Service**

- **Impact to the Driver**
  - Average Delay 45 Seconds

**Vehicle Miles Traveled**

- **Diver’s Impact to Transportation System**
  - 4 vehicles travel 30 miles or simply
  - $4 \times 30 = 120$ VMT
  - 120 VMT / 6 Drivers/Passengers = 20 VMT/Capita

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**Highway Capacity Manual**

**Travel Demand Model**
Work Plan

- Task 1. Literature Review
- Task 2. Analysis of VMT Mitigation Framework Options
- Task 3. Public Outreach
- Task 4. Project Selection and Modeling
- Task 5. Develop Administrative Approach & Adoption of Fee Program
  Recommended Administrative Approach

Fee Based VMT Programs
How VMT Banking Works

- **Banking Projects**
  - Transit
  - Bike
  - Pedestrian
  - Parking Technology

  *Mitigation = 250k VMT*
  *Total Cost = $1M*
  *Unit Price = $4/1 VMT*

- **PROJECT**
  - 125k
  - 75k

  *VMT Threshold*

  *Impact Mitigated*

  Requires 50k VMT Mitigation at $4/1 VMT for a cost of $200k

How a VMT Exchange Works

1. A VMT Bank is not required for an exchange but it can optionally provide projects for selection by a VMT Exchange.
2. An applicant can construct at own expense and therefore the price is not necessarily pre-determined, however the VMT reduction must be determined.
3. An applicant does not have to monetize or sell excess mitigation VMT unless desired.
How a VMT Impact Fee Program Works

<table>
<thead>
<tr>
<th>Land Use Type</th>
<th>Amount</th>
<th>Units</th>
<th>Fee/Unit</th>
<th>Total</th>
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<tbody>
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<td>Residential</td>
<td>500</td>
<td>Houses</td>
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<td>$1,000,000</td>
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<tr>
<td>Industrial</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$2,000,000</strong></td>
</tr>
</tbody>
</table>

Local + Regional VMT Bank

1. This does not preclude also having a VMT Exchange
Status and Next Steps

• Completed Three TAC/SAC Meetings Completed
• Completed Model Update
• Developed and Implemented Public Outreach
• Prepare Program Framework Documentation
  • Establish Draft Program Goals
  • Establish Draft Program Evaluation Criteria
  • Documentation of “Additionality” and other Legal Requirements
• Develop Candidate Project List
• Establish Project Analysis Methodologies
• Begin Test Project Analysis
• Next Meeting July
Questions?