VMT Metrics Application & Analysis for SB 743 Compliance (TE-53)

**COURSE OUTLINE**

**DAY 1:**

- **The Origins of CEQA’s Vehicle-Miles-Travelled (VMT) Traffic Metric**
- **Registration**
  - 7:30-8:00

- **Self-Introduction and Course Overview**
  - 8:00-8:15

- **Module 1: What is Vehicle Miles Travelled?**
  - **Learning Objective**
    - Defining what VMT is, and how it differs from “level of service” (LOS)
  - 8:15-9:15

- **Module 2: VMT and its Relationship to Greenhouse Gas Emissions**
  - **Learning Objective**
    - Explaining how VMT and mobile greenhouse gas emissions are linked
  - 9:15-10:15

- **Break**
  - 10:15-10:30

- **Module 3: The Legislative Evolution of CEQA’s VMT Traffic Metric**
  - **Learning Objective**
    - Discussing Senate Bill 375 as the link between land use and GHG reduction
    - Discussing SB 97, bringing GHG considerations into CEQA
    - Discussing SB 743, requiring that VMT replace LOS in the CEQA Guidelines
  - 10:30-11:30

- **Interactive Engagement Exercise on Module 3**
  - Write your own policy – is SB 743 the best way to approach this problem?
  - 11:30-12:00

- **Lunch (on your own)**
  - 12:00-1:00

- **Module 4: The CEQA Guidelines**
  - **Learning Objective**
    - Explaining the CEQA Guidelines and their role in environmental analysis
    - OPR’s work drafting the CEQA Guidelines update
    - Key concerns of the public
  - 1:00-2:00
Module 5: What the new CEQA Guidelines Say about VMT

Learning Objective
- Reviewing Section 15064.3, the VMT traffic metric
- How this changes the game for traffic impact analysis
- Exception for “roadway capacity projects”
- OPR’s technical advice memo

3:00-3:15 Break

Module 6: Practical Example Exercise

Learning Objective
- Review project examples and contrast the impact findings under LOS and VMT approaches

4:30-5:00 Wrap Up and Course Evaluation

Learning Objective
- Is there still a way to address increased LOS/traffic congestion?
- Does it need to be addressed?

DAY 2: SB 743 Implementation – Required Analytical Processes

7:30-8:00 Registration

8:00-8:15 Self-Introductions and Course Overview

8:15-9:15 Module 1: Role of VMT in SB 743

Learning Objective
- Understand the role of VMT for environmental impact analysis versus transportation planning.
- SB 743 Legislative Intent
- SB 743 Analysis Flow Charts
- VMT Screening

9:15-10:15 Module 2: VMT Estimation and Forecasting

Learning Objective
- Understand the methods VMT estimation and forecasting. This will include differences in VMT methodology for air quality, greenhouse gas, energy, and transportation impacts.
- Data and models
- Project versus cumulative analysis
- Differences in methods for energy, air quality, greenhouse gas, and transportation impact analysis
- Induced Travel
10:15-10:30  **Break**

10:30-11:30  **Module 2: VMT Estimation and Forecasting** (continued)

**Learning Objective**
- Understand the methods VMT estimation and forecasting. This will include differences in VMT methodology for air quality, greenhouse gas, energy, and transportation impacts.
- Case Studies – General Plan, Land Use Project, Transportation Project

11:30-12:00  **Interactive Engagement Exercise on Module 2**

12:00-1:00  **Lunch** (on your own)

1:00-2:00  **Module 3: Significance Thresholds**

**Learning Objective**
- Understand the key factors in establishing significance thresholds.
- SB 743 legislative intent
- OPR recommendations
- Role of ARB's Mobile Source Strategy, RTPs, and general plans
- Relationship to air quality and GHG thresholds

2:00-3:00  **Module 4: Mitigation**

**Learning Objective**
- Understand mitigation sources, strategies, and limitations.
- Plan level versus project level mitigation
- Influence of the built environment versus TDM strategies
- CAPCOA GHG Mitigation Reduction Strategies

3:00-3:15  **Break**

3:15-4:30  **Module 5: Case Studies and Practical Example Exercise**

**Learning Objective**
- Threshold setting interactive exercise
- Review project examples and discuss impact findings and mitigation effectiveness

4:30-5:00  **Wrap Up and Course Evaluation**