

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

COURSE OUTLINE

- DAY 1: The Origins of CEQA's Vehicle-Miles-Traveled (VMT) Traffic Metric**
- 7:30-8:00 **Registration**
- 8:00-8:15 **Self-Introductions and Course Overview**
- 8:15-9:15 **Module 1: What is Vehicle Miles Travelled?**
Learning Objective
- Defining what VMT is, and how it differs from "level of service" (LOS)
- 9:15-10:15 **Module 2: VMT and its Relationship to Greenhouse Gas Emissions**
Learning Objective
- Explaining how VMT and mobile greenhouse gas emissions are linked
- 10:15-10:30 **Break**
- 10:30-11:30 **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
- 11:30-12:00 **Interactive Engagement Exercise on Module 3**
- Write your own policy – is SB 743 the best way to approach this problem?
- 12:00-1:00 **Lunch** (on your own)
- 1:00-2:00 **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

2:00-3:00 Module 5: What the new CEQA Guidelines Say about VMTLearning 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**3:15-4:30 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 EvaluationLearning 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 ForecastingLearning 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**