



MULTIMODAL LEVEL-OF-SERVICE ANALYSIS (TE-36)

COURSE OUTLINE

DAY ONE

- I. Purpose of Class
Scope
Organization
- II. Level-of-Service (LOS) Concept
What It Means and Why Do It?
Applications in Transportation Planning/Engineering
Extensions
How the 2010 Highway Capacity Manual (HCM) Was Developed
Limitations: What It Doesn't Do
- III. Traditional Methods—Highway Mode
New Methods: Bicycle
Pedestrian
Transit
Cross-Modal Impacts
- IV. Understanding the Uses
Intersection vs. Urban Street Segment Issues

Problem Set for Overnight Review/ Study

DAY TWO

- IV. (Continued)
Data Collection Shortcuts & Gathering Field Information
Software Available
California Statutory Requirements (SB 375) and the General Plan
Traffic Impact Study (TIS) Applications to Site Impact Studies
Applications to New Development and Design Standards
Relationship to Sustainable Transportation Indicators
Travel Demand Management (TDM) / Transportation System Management (TSM)
Applications and Project Mitigation
- V. Practical Matters
Typical Schedule and Budgetary Requirements
Target LOS and Thresholds of Significance
Case Studies
Presentation of Results: Dashboards, Graphics, and More
- VI. Wrap-Up, Summary, Contacts, References, Questions