
COMMERCIAL DEVELOPMENT SITE DESIGN AND TRAFFIC IMPACT ANALYSIS (TE-54)**COURSE OUTLINE****Day 1****Introductions and Opening Remarks**

- Introducing the instructor
- Workshop overview
- References and resources you need
- Various *Commercial Development Design and Access Guidelines Resources*

Commercial Access and Site Design

- Access, site design and site circulation
- Access locations and spacing
- Offsets and corner clearance
- Curb radii and driveway width
- Throat lengths and vehicle storage
- Accesses serving off-street parking lots
- Grade and grade breaks
- Sight distance and landscaping
- Channelization islands
- Pedestrians and bicycle circulation
- Emergency vehicle access
- Utilities and lighting
- Delivery and service
- Transit Oriented Development
- Inter-development circulation
- Case studies of commercial development projects

Day 2

Opening Remarks

- Workshop overview
- References and resources you need.
- Conforming to Various Traffic Impact Study Guidelines

Traffic Impact Analysis for Commercial Developments

- Overview of the legislative framework for transportation impact analysis in CA
- New requirements for SB 375 and the new OPR CEQA guidelines
- Typical thresholds for requiring traffic studies
- Estimating trip generation
- Methods for trip distribution and assignment
- Addressing pass by trips for commercial projects
- Identifying project specific impacts and mitigation measures
- Identifying cumulative impacts and mitigation measures
- Factoring in transit oriented developments
- Funding mitigation measures
- The role of transportation demand management in mitigating impacts
- Addressing commercial development site plan issues
- Impacts of recent legislation about capacity analysis
- Case studies of commercial development project traffic impact studies