

Traffic Engineering & Transportation Planning

Services Offered:

- ◆ Traffic Impact Analysis (Traffic impact study/ Development impact study)
 - Data Collection and Analysis
 - Trip Generation Estimations and Traffic Forecasting
 - Intersection and Roadway Level of Service Analysis
 - Assessment of Traffic Impacts
 - Recommendation of Mitigation Measures



- ◆ Traffic Simulation
- ◆ Corridor Studies
- ◆ Signal System Design
 - Intersection Operations Analysis
 - Phasing and Timing Plans
 - Signal Design for Interchanges



- ◆ Signal Warrant Analysis/ Studies
- ◆ Traffic Control Plans for Constructions
- ◆ Signs- Regulatory, Warning, Guide
- ◆ Capacity Analyses
- ◆ Traffic Operational Analysis
- ◆ Geographical Information Systems (GIS) & Mapping

We are experienced users of major simulation and model development/ application systems including: SYNCHRO, SimTraffic, Traffix, Passer II, GIS ArcView, CORSIM, TransCAD, TRANPLAN, SAS, and SPSS.

ADVANCED CONSULTING ENGINEERS

ADV Consulting Engineers, Inc. dba
Texas Registered Engineering Firm F-10