



# 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

*Civil Engineering Consultants, Planners*

**T.B.P.E. Firm No. F-10**

