

**JAMES C. JEFFERY III, P.E., P.T.O.E.**  
***Traffic and Civil Engineering Consulting Services***  
**CURRICULUM VITAE ATTACHMENT**

**Detailed Description of Experience and Expertise**

**Transportation Planning**  
**Rural, Small Urban & Metropolitan Areas**

***Traffic Impact Analyses***

Level Of Service (LOS) calculations  
Site planning, parking, access, circulation studies  
Traffic impact fee nexus  
Mitigation measures recommended include on and off-site roadway traffic control devices, roadway and parking lot re-design, signing and striping, signal modification, neighborhood traffic control

***Traffic Data Studies***

Vehicle count and classification, speed survey, traffic delay, signal pre-emption and traffic signal warrant studies, license plate and origin/destination surveys  
Highway Program Monitoring System Inventory including pavement condition

***Traffic Data Analysis Reports***

Traffic safety, on/off street parking analysis, trip generation rate  
Mixed use traffic and parking reduction  
Pedestrian flow in non-commercial expressive activity

***General Plan Circulation Element***

Created comprehensive traffic demand and forecasting studies for the corridor and circulation element of a General Plan using several traffic demand models; prepared accompanying environmental impact analysis

***School Site Circulation***

Pedestrian safety policy and traffic circulation in school zones

***Land Use***

Eminent Domain  
Prescriptive Easement  
Roadway Easement  
Public Representation  
Public Records Research