

**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**

**Roadway Design Defect and Design Immunity**

***Collision Site Investigation***

***All Jurisdictions***

***All Types of Vehicles   Pedestrians   Bicyclists***

***All Land Use Types***

***All Roadway Types***

Freeways and Highways   Urban and Suburban Streets

Rural Roadways   Intersections   Private Roadways   Driveways

***Special Sites***

Guard Rails, Poles, Medians

Parking Lots (Speed Bumps, Wheel Stops & Pedestrian Access)

Rail Lines   Mass Transit

***Roadway Design, Construction & Maintenance Evaluation***

Sight Distance Evaluation

Dangerous Condition of Public Roadway

Roadway Construction Defects

Signing and Striping Defects

Standard of Care Compliance

Change of Condition Determination

Pavement Condition Rating/Defects

Maintenance Standards & Practices

***Construction Zone Accident Investigation***

Work Zone Traffic Safety

Traffic Control Plans

Inspection Practices

Contract Compliance

***Accident Hazard Review***

Roadway Safety Audits

Accident Mitigation Measures

Identifying Conditions Causal to Accidents

Accident Frequency Review for Notice

Risk Assessment/Exposure

***Traffic Signal Timing, Design and Maintenance***

Designed and reviewed traffic signal plans and lighting studies