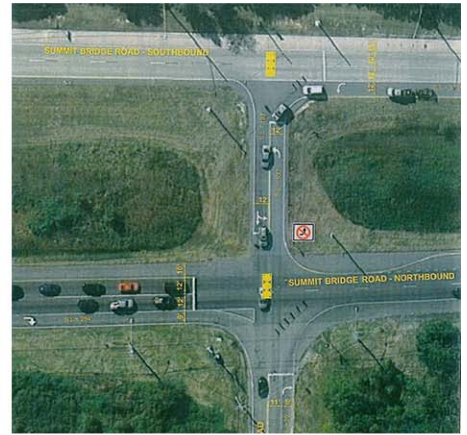




Transportation and Traffic Engineering



Karins and Associates' Transportation and Traffic Professionals perform and prepare site-specific engineering and analysis for complex transportation and land development projects. Our expertise in transportation/traffic engineering and analysis includes, but is not limited to the following:

Traffic Engineering

- Capacity/Level of Service Analysis
- Traffic Counts
- Intersection Analysis
- Sight Distance Analysis
- Accident Analysis
- Expert Testimony
- Simulation Modeling
- Parking Analysis

Corridor Studies

- Land Use Analysis
- Intersection Design and Safety Improvements
- Roadway Alignment
- Access Management Plans
- Corridor Capacity and Design

Traffic Impact Analysis

- New Development/Redevelopment Projects
- Studies for Entrance Permitting
- Review of Site Plans for Circulation
- Traffic Mitigation Analysis
- Traffic Mitigation Agreements
- Signal Timing and Optimization

Neighborhood Traffic Management

- Traffic Calming Measures and Plans
- Stop Sign Warrant Analysis
- Signal Warrant Analysis
- Design of Roundabouts

Origin and Destination Studies

- Travel Demand Forecast
- Questionnaires and Traffic Pattern Surveys
- Transportation Network Analysis
- Speed and Time Travel Studies
- Traffic Volume Projections

Transportation Studies

- Needs Analysis
- Determination of Deficiencies
- Cost Analysis and Value Engineering
- Route Location Studies
- Access Management
- Conceptual Design
- Budget Determination
- Right-Of-Way Requirements
- Cross Section Design
- Context Sensitive Design

Parking Studies

- Shared Parking Analysis
- Special Event Planning
- Peak Demand Analysis
- Design of Parking Facilities
- Parking Surveys and Related Testimony