Typical Elements that should be included in a Traffic Impact Study

Executive Summary
- Proposed project
- Traffic impacts
- Mitigation of traffic impacts

Introduction/Background
- Study purpose
- Project description/evolution
- Project location/maps

Existing Highway System/Conditions
- Description of highways within study area
  - Functional classification
  - Access control
  - Adjacent land use
- Existing operating speeds
- Existing traffic control
- Existing facilities for non-motorized traffic
- Existing traffic volumes, peak periods and conditions
- Growth rates
- Other proposed developments or potential changes

Proposed Development
- Project description
- Background (no-build) traffic volumes if significantly different from existing
- Internal circulation including pedestrians, parking, deliveries
- Trip generation/distribution
- Full development traffic volumes and turning counts

Capacity/Operational Analysis (All data and analysis output should be in appendices)
- Overview, including methodology and software used
- Capacity analysis summary for existing and/or projected no build conditions
- Capacity analysis summary for proposed build conditions
- Identify operational needs and mitigation measures

Crash Analysis
- Analysis of existing crash data
- Compare accident rates to statewide average rates
- Assess impact of development on existing crash patterns/rates
- Identify safety deficiencies and mitigation measures

**Exhibits/Figures** (Include with corresponding text)
- Site location and study area
- Local highway network
- Lane geometry, nearby driveways and intersections
- Peak hour volumes - existing
- Peak hour volumes – background
- Peak hour volumes - full development
- Concept site plan
- Trip distribution
- Site generated trips
- Existing condition – capacity analysis - results
- Background condition capacity analysis - results
- Full development capacity analysis - results
- Comparison of project accident rates with statewide average rates

**Appendices**
- Volume report
- Miscellaneous traffic data and calculations
- Existing condition capacity analysis - output
- Background condition capacity analysis - output
- Full development capacity analysis - output
- Crash analysis diagrams/tables