Traffic Impact Study Checklist

1. **Project Description** – Include location, horizon year, phasing (if applicable), type, size and site plan of the development
2. **Access Plan** – include access points or approaches, circulation patterns, modifications and any mitigation techniques
3. **Existing Conditions and Operations** – describe existing transportation network and summarize study area traffic volumes
    a. and pedestrian pathways, lanes or routes and those to be installed with the development.
    b. Speed data and analysis if determined at the pre-application meeting
4. **Trip Generation** – in the form of a table of each type of land use, the number of units or square footage, as appropriate, the trip rates used (daily and peak) and resulting trip generation using the most recent edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual
5. **Trip Distribution**
6. **Traffic Assignment**
7. **Traffic Graphics**, which show:
    a. AM peak hour site traffic
    b. PM peak hour site traffic
    c. Total daily site traffic
    d. AM peak hour total traffic
    e. PM peak hour total traffic
    f. Total daily traffic
8. **Capacity Analysis** - Indicate the levels of service (before and after development) of existing and proposed roads, including appropriate intersections, to safely handle any increased traffic.
    AM and PM peak hour capacity analysis provided for:
    a. All major drive accesses that intersect collector or arterial streets or roads; and
    b. All arterial-arterial, collector-collector, and arterial-collector intersections within one mile of the site, or as required by the City Engineer during the pre-application review.
9. **Traffic Calming** – detailed drawings of any proposed traffic calming installations, including locations and turning radius templates.
10. **Drive-thru Queuing Analysis** (if applicable)
11. **Evaluation** – Summarize development generated traffic impacts to the adjacent transportation network included in the study. Provide mitigation alternatives and recommendations for improvements based on the analysis results. Include information on the location and type of any proposed traffic control devices.