

Traffic Impact Analysis (TIA) Checklist

- ☐ Trip generation rates for both the A.M. and P.M. peak periods using the Institute of Transportation Engineers, Trip Generation Manual for all of the land uses specified;
- ☐ Trip distribution;
- ☐ Adequacy determination for existing and proposed street cross-sections by phase of development;
- ☐ Intersection level of service analysis for each phase of development, driveway sizes, locations, and adequacy;
- ☐ Layout showing lane usage (pavement marking layout) for all boundary streets including driveway locations and roadway geometry within the site;
- ☐ Driveways and intersecting streets connecting to boundary streets including all lane widths, traffic islands, medians, sidewalks, curbs, traffic control devices and existing pavement conditions;
- ☐ Existing and proposed turning movement counts for the site;
- ☐ Identification of and timing for transportation improvements, if any, needed to maintain the same or higher level of service than exists prior to development during each phase of land development and the costs of those improvements, including costs of right-of-way acquisition, utility relocation, design and construction;
- ☐ The TIA shall establish the baseline traffic conditions and peak hour operations prior to development of the subdivision or site, which baseline shall establish the existing level of service that is to be maintained or bettered as the owners develop the subdivision or site over time;
- ☐ The TIA shall address streets and street intersections, and driveways on commercial sites;
- ☐ For projects adjacent to a TxDOT ROW, the TIA shall be accompanied by a letter from TxDOT which outlines any agreements between the developer and TxDOT for planned improvements; and
- ☐ The TIA shall be certified by a registered engineer with experience in the field of traffic engineering.