



GENERAL TRAFFIC REVIEW RELATED TERMS

“Trip” Terms

Trip Generation is used to estimate the number of trips generated to and from a site resulting from the land use activity or activities on that site. Trip Generation shall be performed utilizing the current Institute of Transportation Engineers' (ITE) Trip Generation Manual.

Internal Capture are trips that remain within a mixed-use development site among such use groups as: residential, office, retail, restaurant, hotel, cinema, school. Internal capture trips reduce the impact on the surrounding roadway network. Per the Volusia Flager TPO Traffic Impact Analysis (TIA) Guidelines, in no case will an internal capture of more than 20% of the gross project trip ends (or the internal capture rates or equations contained in the most recent version of ITE's Trip Generation Manual) be allowed, unless the City/County Traffic Engineer accepts a higher internal-capture percentage based on verifiable documentation.

Pass-By Trips are project trips that are already traveling on the adjacent roadway system, and which make an intermediate stop at a generator (i.e., the development under study) between the origin and the primary destination. Pass by trips are developed for commercial development projects only and cannot exceed 14% of the total background traffic on the adjacent roadway.

Vested Trips are trips from an approved development that are distributed on the road network and treated as existing as a means to monitor background traffic growth and preserve capacity for that development.

General Terms

Transportation Impact Analysis (TIA) is a study conducted to evaluate the impacts of a proposed development on the transportation system and identify possible mitigation strategies.

Transportation Concurrency is a growth management strategy aimed at ensuring that transportation facilities and services are available - "concurrent" - with the impacts of development.

Traffic Mitigation strategy or recommendation of roadway improvements that may be necessary to accommodate and reduce the potential impacts from the additional expected traffic.

Trip Generation Standards refers to the book entitled trip generation, 12th Edition, prepared by the ITE in 2025, and as amended or revised from time to time including more recent editions.

Horizon Year (also referred to as the Buildout Year), is the year when the proposed development is expected to be completed. The horizon or buildout year determines the year for which the analysis will need to be conducted in order to evaluate the overall impacts the additional traffic will have on the multimodal system.

Level of Service (LOS) is a measure of performance that assigns a grading scale of A through F to a roadway depending on the quality of service based upon traffic volume in relation to the capacity of the roadway and the delay experienced by the motorists.

Interconnectivity or cross-access connectivity is shared or joint access between adjacent properties.

Proportionate Fair Share (PFS) is a program designed by the Florida Legislature that allows new developments to only pay a share of the cost to add new road capacity.