

Definitions

APS: Accessible Pedestrian Signals

HCM: Highway Capacity Manual, (Published by Transportation Research Board)

ITE: Institute of Transportation Engineers is the organization that publishes the trip generation volumes for different land uses.

LUC: Land Use Code is the number assigned to each land use per the ITE trip generation guide.

RTE: Region Traffic Engineer

MUTCD: The Manual for Uniform Traffic Control Devices, (Published by Federal Highway Association)

SimTraffic: Traffic simulation software application. SimTraffic performs micro-simulation and animation of vehicular and pedestrian-related traffic. With SimTraffic, individual vehicles are modeled and displayed traversing a street network. SimTraffic models signalized and unsignalized intersections, as well as freeway sections with cars, trucks, pedestrians, and buses. Unlike a number of other modeling applications, SimTraffic animation is displayed while the simulation is performed.

Synchro: A Macroscopic analysis and optimization software application. Synchro supports the Highway Capacity Manual's (HCM) 6th Edition, 2010, and 2000 for signalized intersections, unsignalized intersections and roundabouts. Synchro also implements the Intersection Capacity Utilization method for determining intersection capacity. Synchro's signal optimization routine allows the user to weight specific phases, thus providing users more options when developing signal timing plans.

TGH: Trip Generation Handbook (Published by the Institute of Traffic Engineers)

VFP: Vehicle Fueling Position is defined by the number of vehicles that can be fueled simultaneously at a service station.