



TRIPGEN IS A SIMPLE, USER-FRIENDLY TOOL THAT CALCULATES TRIP GENERATION

based on Version 10 of the Institution of Transportation Engineer's Trip Generation Manual. Users can select the desired independent variable and calculate driveway volumes by using the rates or equations found in the Trip Generation Manual. Pass-by trips and internal capture trips for mixed-use developments (NCHRP 684) can also be taken into account. The software allows users to enter custom trip rates based on local or regional studies. TripGen offers several reports for users to quickly review calculations. The resulting volumes can then be imported into Synchro's TIA module for analysis and optimization within Synchro and SimTraffic.

FEATURES & CAPABILITIES

- Easily compare number of trips based on average rates vs. equations
- Create and save custom rates based on local data
- Total trips calculated by Alternative can be exported to a CSV file
- Pass-By and Internal Capture Rates (NCHRP 684 and ITE)
- Includes land use data from ITE's Trip Generation Manual
- Project Tree that includes Alternatives and Phases
- Enhanced input and output screens
- Project information description and note input fields
- Save and open data files

AVAILABLE TRIP RATES

- Average weekday 2-way trips (daily)
- AM/PM peak hour of adjacent street traffic
- AM/PM peak hour of generator
- Saturday average 2-way trips (daily)
- Saturday peak hour
- Sunday average 2-way trips (daily)
- Christmas ADT and Peak Hour Rates

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