

Registrar of Regulations	Date/Time filed with Registrar of Regulations
<i>AUTHORIZATION TO FILE DOCUMENTS INCORPORATED BY REFERENCE BY DESCRIPTION</i>	
1 Agency: <u>Virginia Department of Transportation</u>	
2 Regulation Numbers: <u>N/A</u> <u>24 VAC 30-155</u> Title of Regulation: <u>Traffic Impact Analysis Regulations</u>	
3 Effective Date of Regulation: <u>December 2011</u>	
4 Name of Document Incorporated by Reference: <u>Trip Generation, 8th Edition, 2008</u>	
5 Attach a summary of the document incorporated by reference, including publication date and a copy of the cover page. <u>See attachments</u>	
6 Document available for inspection at the following location: <u>Va. Dept. of Transportation</u> <u>Transportation and Mobility Planning Division</u> <u>1401 E. Broad St.</u> <u>Richmond, Va. 23219</u>	7 Copy of referenced document may be procured from: <u>Institute of Transportation Engineers</u> <u>1627 Eye Street, NW, Suite 600 Washington, DC</u> <u>20006 USA</u> <u>Telephone: +1 202-785-0060 Fax: +1 202-785-0609</u> <u>http://www.ite.org/emodules/scriptcontent/Orders/ProductDetail.cfm?pc=IR-016F</u>
8 Exemptions Claimed (Specific Reference): Administrative Process Act <u>N/A</u> Virginia Register Act <u>N/A</u> Virginia Code Commission Regulations <u>§ 3.3 (B) (1) - exceeds 500 pages in length; generally available to the public and 3.3 (B)(5)- material is copyrighted or otherwise the property of an organization other than state government</u>	
Request submitted by: <u>Jo Anne P. Maxwell</u> <u>Agency Regulatory Coordinator</u> <u>11/28/11</u> Title Date	
Approved: _____ Jane D. Chaffin, Registrar of Regulations Date	

SUMMARY OF DOCUMENT INCORPORATED BY REFERENCE

Trip Generation, 8th Edition, 2008

The Institute of Transportation Engineers (ITE), the group that publishes *Trip Generation, 2008*, is an international educational and scientific association of transportation professionals who are responsible for meeting mobility and safety needs. ITE facilitates the application of technology and scientific principles to research, planning, functional design, implementation, operation, policy development and management for any mode of ground transportation. Through its products and services, ITE promotes professional development of its members, supports and encourages education, stimulates research, develops public awareness programs and serves as a conduit for the exchange of professional information.

Trip Generation, 8th Edition, new for 2008, includes updated introductory and instructional material (User's Guide), as well as two data volumes with revised land use descriptions, trip generation rates, equations and data plots. Data from more than 550 sites have been added to the eighth edition, bringing the number of data points contained in the database to more than 4,800.

In addition, 12 new land use classifications are included, for a total of 162 land uses. *Trip Generation* has undergone many other important updates, which are outlined in detail in Chapter 2 of the User's Guide. Several land uses were expanded significantly with the addition of new data. These include: High-Cube Warehouse (152); Free-Standing Discount Superstore (813); Home Improvement Superstore (862); Discount Home Furnishing Superstore (869); and Drive-in Bank (912).

This 1,919-page report is crucial for transportation professionals conducting site impact studies, determining on-site circulation patterns, performing access management studies, determining traffic signal timing and conducting environmental assessments.

Volume 1 includes the Table of Contents for all three volumes.

TRIP GENERATION

An ITE Informational Report

8th Edition • Volume 1 of 3

USER'S GUIDE



Institute of Transportation Engineers

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Preface

Trip Generation is an informational report of the Institute of Transportation Engineers (ITE). The information in this document has been obtained from the research and experiences of transportation engineering and planning professionals. ITE informational reports are prepared for informational purposes only. They do not include ITE recommendations on the best course of action or the preferred application of the data.

Trip Generation is an educational tool for planners, transportation professionals, zoning boards and others who are interested in estimating the number of vehicle trips generated by a proposed development. This document is based on more than 4,800 trip generation studies submitted to ITE by public agencies; consulting firms; universities and colleges; developers; associations; and local sections, districts and student chapters of ITE.

In June 2004, ITE produced a supplemental publication to offer recommendations on the preferred application of the data in this report. This publication, the *Trip Generation Handbook, Second Edition* (Publication Number RP-028B), has two primary purposes: to provide

instruction and guidance in the proper use of data presented in *Trip Generation* and to provide information on supplemental issues of importance in estimating trip generation for development sites. Some additional topics covered in the *Trip Generation Handbook, Second Edition* include primary/pass-by/diverted link trips, multi-use developments, truck trip generation and transportation demand management programs.

Users are encouraged to review and become familiar with this *User's Guide* and the *Trip Generation Handbook, Second Edition* prior to using the data contained in Volumes 2 and 3.

User comments on *Trip Generation* are invited. Through user feedback, ITE has enhanced each subsequent edition of *Trip Generation*. ITE continually seeks additional ways to increase the value of this document and requests that users provide recently collected data for the land uses presented in *Trip Generation* or any other land uses for inclusion in future editions and updates. Data collection and user comment forms are included in Appendix B of this volume.

Preface

The Institute of Transportation Engineers (ITE) published the Seventh Edition of *Trip Generation* in three volumes in 2003. The first volume, the *User's Guide*, describes the database used in the next two volumes, as well as the data plots and their reported statistics. The second and third volumes contain land use descriptions and data plots. *Trip Generation* is an ITE informational report.

During the development of *Trip Generation*, ITE decided to separate the processing and dissemination of the informational trip generation data from the development of recommendations on how to use and apply the data. This separate document, the *Trip Generation Handbook*, 2nd Edition, is a recommended practice of ITE.

The *Trip Generation Handbook* has two primary purposes: to provide instruction and guidance in the proper use of data presented in *Trip Generation*, and to provide information on supplemental issues of importance in estimating trip generation for development sites.

Because the instruction and guidance in the main body of this handbook represents a recommended practice for estimating trip generation, its function is distinct from that of *Trip Generation*. Note, however, the data contained in the appendices of this handbook are for informational purposes only.

The analysis methods presented in the handbook have been developed to be simple and understood by the novice transportation planner/engineer, yet sufficiently accurate for the experienced transportation professional.