

Introduction

The “Pennsylvania Traffic Data Book” documents procedures for developing accurate estimates of highway traffic volumes based on sample traffic counts.

Traffic information is critical in transportation decision-making related to highway funding, traffic engineering, highway design, air quality analysis, planning and programming, as well as winter services, highway maintenance and construction.

The “Pennsylvania Traffic Data Book” provides current traffic expansion factors through the use of tables, charts, and graphs. Expansion factors allow the traffic professional to use a sample traffic count and develop reliable and comparable Annual Average Daily Traffic (AADT) estimates. All tables & charts in the “Pennsylvania Traffic Data Book” are derived from the data of permanent sites. Of the 143 sites in Pennsylvania, 122 were used to calculate the factors.

Some of the permanent sites are excluded on a year to year basis. If it is determined a permanent site has less than 50% of the current year’s data, it is not used for the factors. Reasons for a permanent site having less than 50% of the current year’s data would be construction projects or equipment malfunction.

Please keep in mind that the 2020 data was impacted by the COVID-19 pandemic when using the data within the Pennsylvania Traffic Data Book. Values shown for Tables 355, 365, and Monthly Variation are from 2019 due to underrepresented 2020 traffic data values caused by the COVID-19 pandemic.

How to Use this Booklet

This booklet provides current traffic expansion factors through the use of tables, charts, and graphs. All of the tables, charts, and graphs are listed in the Table of Contents. Refer to the description provided with each table, chart, and graph to ensure that the data presented is what you need.

Acronyms are used quite often throughout this publication. A complete list of acronyms and their meanings are located in the back of the booklet. In addition, an index was created for this booklet to help you find a particular topic quickly.

We would appreciate any comments or suggestions you can provide on information presented in this booklet. Questions or comments relating to data presented in this publication can be directed to:

Andrew O’Neill
Telephone: (717) 346-3250
Fax: (717) 783-9152
Email: andoneill@pa.gov

The 2020 Traffic Data Book and County Traffic Volume Maps are available free on our website! Traffic Volume Maps can also be purchased through our Maps and Publications Sales Store on the website.

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