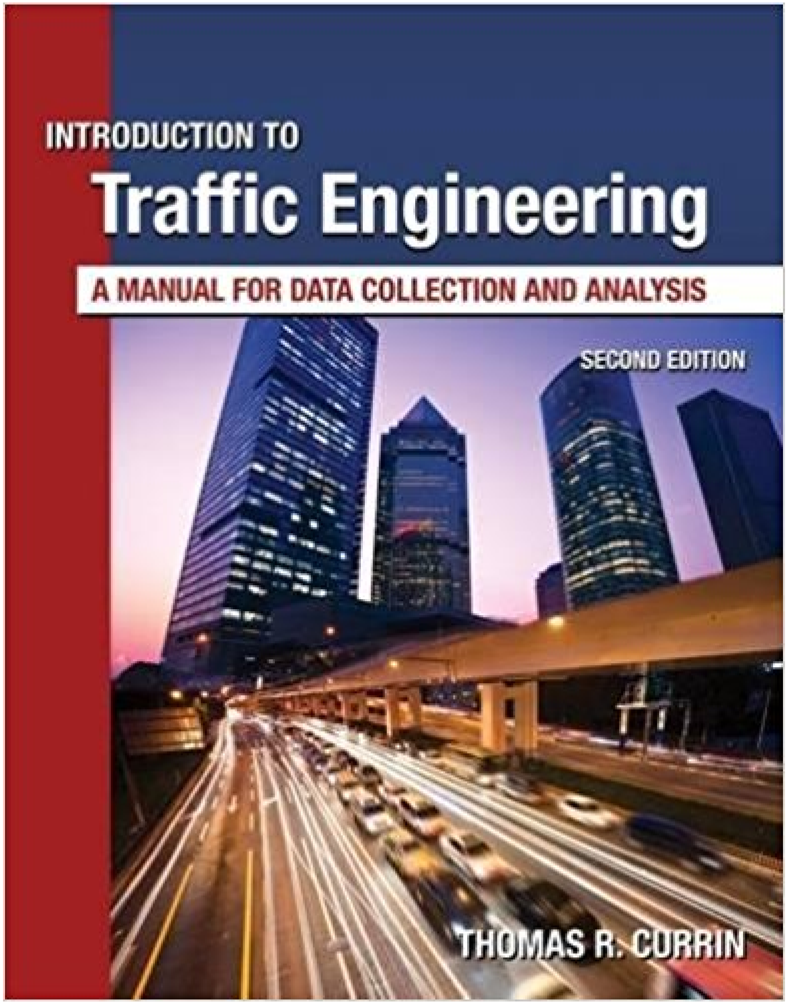
Introduction To Traffic Engineering: A Manual For Data Collection And Analysis



Synopsis

Research leading to the continuous improvement of traffic analysis techniques depends on the ongoing collection of data relating to driver behavior. INTRODUCTION TO TRAFFIC ENGINEERING: A MANUAL FOR DATA COLLECTION AND ANALYSIS is meant to aid both the student of traffic engineering and the transportation professional in sound data collection and analysis methods. It presents step-by-step techniques for several traffic engineering topics. Each topic is introduced in a consistent manner, and data collection and analysis forms are provided for each study. Studies are organized to facilitate inclusion in a formal transportation engineering report.

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Customer Reviews

"A very good companion manual for conducting traffic studies. Very easy to follow and understand by students on their own.""The book is very straightforward and clear. The chapters are essentially instructions for the students to perform specific tasks. The lab exercises are very clearly laid out.""This makes a great supplement and/or lab manual."

After completion of his undergraduate civil engineering degree at University of Massachusetts-Dartmouth in 1972, Thomas R. Currin honorably served in the United States Army. This was followed by enrollment in graduate school and completion of a Master of Civil Engineering program at North Carolina State University-Raleigh. He then obtained a Doctor of Philosophy in civil engineering specializing in traffic engineering from the University of Connecticut and obtained professional engineering licenses in a number of states including Massachusetts and Georgia. Tom knew he wanted to teach engineering as early as his sophomore year in college. He was so convinced of this that in addition to taking the required engineering courses he successfully completed many courses in secondary education and studied various teaching methodologies and philosophies. Knowing that it would be difficult to teach what one had not done, he embarked on an extremely successful consulting engineering career, which included the analysis and design of numerous transportation projects throughout New England and the east coast. Having achieved his goals in the private sector Tom moved on to academe and preparing the next generation of engineers. While teaching he has served as an evaluator and commissioner of ABET, the primary accreditation agency for engineering in the United States. The author of numerous engineering education publications and presentations since beginning his teaching career 23 years ago, his current focus as Dean of Engineering at Southern Polytechnic State University in Georgia is growing new engineering programs.

The Author should be ashamed. This thin paperback contains no new knowledge or special technics. This is just a lab manual for an introductory traffic engineering course. Much better and complete Traffic Data Collection Manuals can be had for free from the Florida or Iowa Departments of Transportation. Do a search and DO NOT BUY this so called MANUAL.

It’s OK. It’s very basic which is good right now. I really wish didn’t have a word count requirement for these reviews.

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