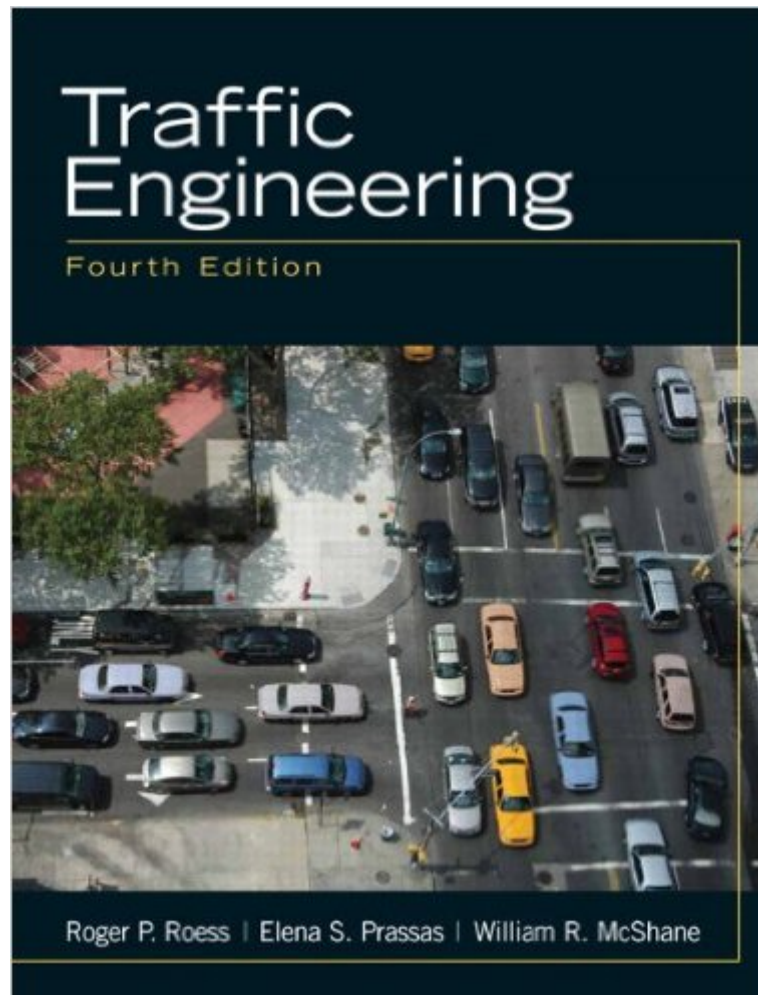


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# Traffic Engineering (4th Edition)



## Synopsis

Traffic Engineering, 4e, is ideal for a one/two-semester undergraduate survey, and/or for graduate courses on Traffic Engineering, Highway Capacity Analysis, and Traffic Control and Operations. This unique text focuses on the key engineering skills required to practice traffic engineering in a modern setting. It includes material on the latest standards and criteria of the Manual on Uniform Traffic Control Devices (2003 Edition and forthcoming 2010 Edition), the Policy on Geometric Design of Highways and Streets (2004 Edition), the Highway Capacity Manual (2000 Edition and forthcoming 2010 Edition), and other critical references. It also presents both fundamental theory and a broad range of applications to modern problems.

## Book Information

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Product Dimensions: 8.4 x 1.7 x 10.3 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (24 customer reviews)

Best Sellers Rank: #279,891 in Books (See Top 100 in Books) #26 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Highway & Traffic](#) #67 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Transportation](#) #275 in [Books > Engineering & Transportation > Engineering > Automotive](#)

## Customer Reviews

From sight distance to freeway flow characteristics to signal coordination for arterials, this is the most comprehensive textbook I've seen on traffic engineering. The topics follow a very logical progression and many examples are given throughout. This book could serve as an excellent textbook for an undergraduate or first-year graduate traffic engineering class in addition to being a must have for practitioners. One way the book could be improved is by including a more thorough presentation of loop detectors, control cabinets, and how actuated signal timing plans actually play out from cycle to cycle, specifically with regards to actuated coordinated signals along arterials. Nonetheless, I still give the book a 5.

This book does a good job of detailing the necessary warrants for various traffic issues but when attempting the problems and reviewing their examples, you become extremely thrown off with all the mistakes in the numbers. I've scribbled my own edits everywhere.

I have had this book for about three months now, its been a good book but recently as I have gotten further into it I am finding more and more mistakes in it. I have had problems where i use a table in the book and it says to interpolate and you can't even get the values they get in the example. Overall they need to check the math in the book and update the references they use many of them have been updated and not recently either.

This book came but wasn't complete. It was missing all of the pages with the tables/formulas. Strangely enough, it had the exact same title, ISBN, and version/year as the books others had in class, but it was about 1/2 as thick. I guess it was printed wrong. Sent it back for a refund.

This book goes thru a variety of traffic engineering problems, assesing solutions and explaining in an simple way many concepts and technics used in the HCM (1994/97 updates).Very good for begginers.....

this is perfect for the pe it has 90% of the information you need and it explains the hcm and the green book in great detail. A++

I studied this book for my traffic class. I really like the language and the way authors present the challenges in traffic engineering and explain the standard solution approaches. It is unlike most transportation engineering manuals which are written to make you fall asleep (and think traffic engineering is not interesting).UPDATE- Several years later the references used in this book (Highway Capacity Manual, AASHTO Greenbook etc) are no longer current, this book is falling behind. I really hope authors update the book with the latest-and-greatest standards and specs so it can shine again!

This book is basically the holy grail for traffic and transportation engineers. Outside of the AASHTO green book, the MUTCD, and some other manuells, this book can take you far into the engineering world I love. A must-have for transportation and traffic engineering.

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