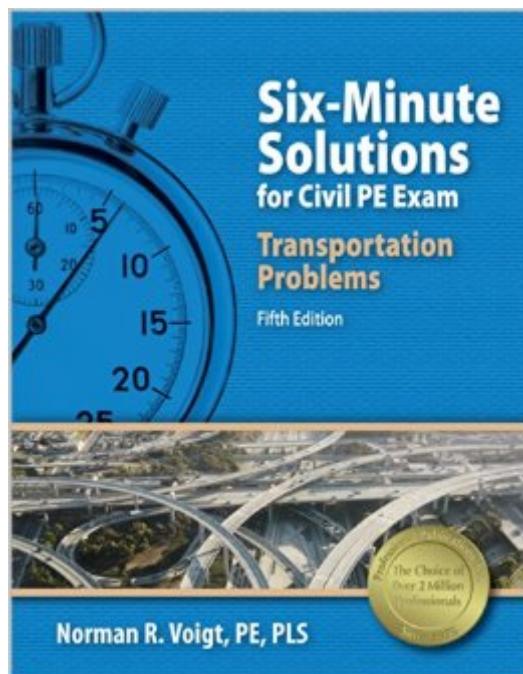


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# **Six-Minute Solutions For Civil PE Exam Transportation Problems, 5th Ed**



## Synopsis

Targeted Training for Solving Civil PE Transportation Depth Exam Multiple-Choice Problems

Six-Minute Solutions for Civil PE Transportation Depth Exam Problems contains 91 multiple-choice problems representative of the Civil PE transportation depth exam's format and level of difficulty. Problems are grouped into 10 chapters, and each chapter corresponds to a transportation depth exam knowledge area. Six-Minute Solutions includes hints that provide problem-solving guidance when you need it. Each solution describes common errors so you can avoid using incorrect solving approaches. You'll learn accurate and efficient solving methods by reviewing each problem's comprehensive, step-by-step solution. Solutions also frequently reference the Civil PE exam's transportation design standards to help familiarize you with the references you'll use on exam day.

**Topics Covered**

- Traffic Engineering
- Horizontal Design
- Vertical Design
- Intersection Geometry
- Roadside and Cross Section Design
- Signal Design
- Traffic Control Design
- Geotechnical and Pavement
- Drainage
- Alternatives Analysis
- Referenced Design Standards
- A Policy on Geometric Design of Highways and Streets (GDHS)
- Design and Control of Concrete Mixtures (PCA)
- Guide for Design of Pavement Structures (GDPS-4-M)
- Guide for the Planning, Design, and Operation of Pedestrian Facilities
- Highway Capacity Manual (HCM)
- Hydraulic Design of Highway Culverts (FHWA)
- Manual on Uniform Traffic Control Devices (MUTCD)
- Mechanistic-Empirical Pavement Design Guide: A Manual of Practice (MEPDG)
- Roadside Design Guide (RDG)
- The Asphalt Handbook (MS-4)

## Book Information

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## Customer Reviews

I was previously using a friend's old 2004 version of this book to study for my April 2016 pe transportation exam, only to find that the standards had changed pretty drastically since then and the problems either couldn't be solved with the current civil engineering reference manual due to a lack of information given, or the answers I calculated using the new formulas just didn't match. So, I decided to bite the bullet and spend the ridiculous amount that they charge for this 80 page book. I'm two questions in, and come to find out, this brand new version is also out of date with the current standards and the pe exam requirements. I am livid. Don't waste your money on this trash. You might as well buy the 15-year old version and save some money.

Harder than actual PE test but still a good practice. I worked through all of these problems and still didn't pass the exam though so I guess I'll be trying again next time, and I plan on working through this book again.

Good PE Transportation specific problems. Not too long but more involved than NCEES sample exams. Good problems that lead you into your different transportation references. Guides you to the pages you should be TABing. Do not use as a sample exam. Only good for working a few problems at a time and learning your transportation pe reference materials...Green Book, HCM mostly.

Anything that helps you study more is good, but the questions in this book were significantly harder than what you're asked on the test. I tabbed several problems in this book to reference during the test, and I didn't need to look at any of them. Since there are not a ton of books like this out there, it might be worth a buy, but I would put it on the bottom of your list.

I think that is about all I can say. \$81.00 for less than 100 pages of content. This book contains only problems and solutions. It is relatively well illustrated and the problems are what you would expect from the afternoon transportation depth session. All in all it isn't a BAD book. IT IS JUST REALLY EXPENSIVE FOR WHAT YOU GET. I am used to paying outrageous prices for engineering texts. This really beats anything I have ever come across.

I bought this for my PE exam prep in 2012. I found this book very helpful and really good in testing

your concepts. If you are not quite clear on the concept itself, solving these problems can be difficult. Good purchase especially if you want to take the transportation depth and time yourself. Ofcourse, exam was easier compared to these questions.

Practice problems are a must in preparing for the PE exam. The problems are just like the ones in the exam and the solutions help trouble shoot your approach and mistakes in detail. Definitely worth the investment.

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