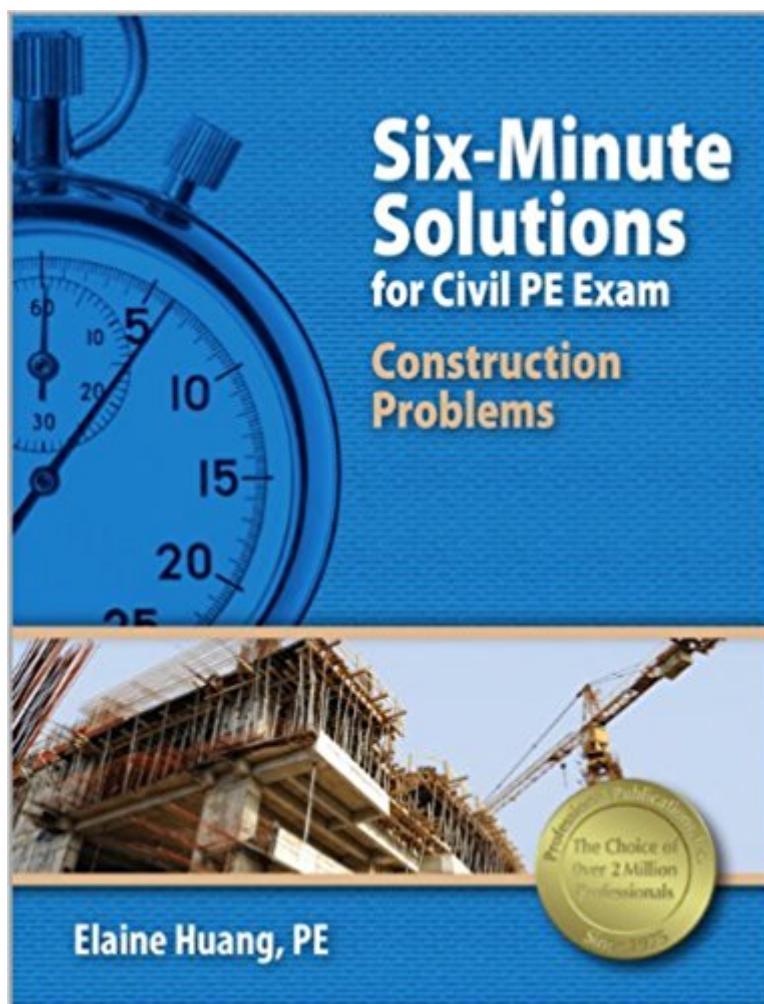


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# **Six-Minute Solutions For Civil PE Exam Construction Problems**



## Synopsis

With an average of only six minutes to solve each problem on the Civil PE exam, speed and accuracy are vital to your success. And nothing gets you up to speed like solving problems. The practice problems contained in Six-Minute Solutions for Civil PE Exam Construction Problems are consistent with the multiple-choice format, difficulty, and subject matter of the exam. Understanding how to solve construction problems quickly and efficiently is key to passing the Civil PE exam. Solving construction problems on the Civil PE exam also requires a thorough familiarity with design standards, and Six-Minute Solutions reflects those specified for the exam. Beat the Clock on the Civil PE Exam 100 challenging, multiple-choice problems 2 levels of difficulty: 20 morning and 80 afternoon construction problems Coverage of exam-adopted design standards ACI 318 (2005) ACI 347 (2004) ACI SP-4 (2005) AISC (13th ed) ASCE 37 (2002) CMWB (2001) MUTCD Part 6 (2009) NDS (2005) OSHA 29 CFR Part 1926 A hint for each problem Step-by-step solutions Explanations of how to avoid common errors Topics Covered Earthwork Construction and Layout Estimating Quantities and Costs Scheduling Material Quality Control and Production Temporary Structures Worker Health, Safety, and Environment Other Topics

## Book Information

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## Customer Reviews

Not too impressed with book. Yes, great problems, relevant topics. My beef is with the quality of the product. There were white spaces through the book, missing text caused by something during the printing processes. Also, the area where there were white-outs, the ink would rub off with a touch.

This was not just one or two pages but every other page. Missing text had to be assumed, and when it was within a problem, there were times I didn't get what was happening. There are several errors within the problems (math). I did get online and send in an errata request, in addition to asking questions on the issues I had with the problems: no replies, no notice, no acknowledgement

I thought the book was pretty good, but I found a typo yesterday and today. I contacted PPI to see if they would resolve it, so waiting to hear back on that. These are the typos: In question # 47, the problem dealing with the aquifer and cone of depression. The values for R1 and R2 are reversed, from the original equation (from the CERM). The R1 and R2 do not coincide correctly with Y1 and Y2, as they do in the example in the CERM. In question #76, the solution shows  $Py^* (9 \text{ ft})$ . The picture clearly shows the brace pinned at a height of 8 ft. I am not the best at structures, but I am really scratching my head as to where the 9ft came from. And I'm fairly certain it's a typo. Hope this helps anyone else

Good study manual and fairly easy to follow. We will see how it prepared me for the PE in about a week.

None of the questions appear on the exam. good prep. material but there are better out there. do not bring to the exam. problems are harder than actual exam questions.

Good book

Well, I will advise, not to buy this book. This book is not updated with the recent changes of exams. There are printing mistakes also on the book needs correction.

The book is not worth the money or your time going through it. I took the exam this past April and passed. I tried to use the book as a practice test two weeks before the exam; the problems in the book are difficult to understand and filled with errors. I am very disappointed that someone would publish a book with so many errors in it. It's as though the author only had six minutes to solve the problems and didn't care if the answers were correct. I recommend not buying this book and put the money toward a good civil engineering reference book or the ncees practice test or just save your money.

I had the misfortune of purchasing the 1st edition, 1st printing. At least 12% of the 100 problems had some sort of error. Having said that there were some excellent problems in here very similar to the NCEES sample problems. I purchased the text and worked all 100 two days before the exam and it really helped. I would say if you can get about 80% on the problems that are not already in error you should be prepared for the PM exam. However, for over 10% of the problems being in error - this book is overpriced.

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