

DOWNLOAD PDF SIX-MINUTE SOLUTIONS FOR CIVIL PE EXAM TRANSPORTATION PROBLEMS

Chapter 1 : Six-minute Solutions for Civil PE Exam Transportation Problems - Norman R. Voigt - Google B

ABOUT THIS BOOK Six-Minute Solutions for Civil PE Transportation Depth Exam Problems is organized into ten chapters. Each chapter contains problems that correspond to the format and scope that would be expected in the afternoon transportation depth section of the civil PE exam.

Once you understand these keys and you put some work in anyone can pass. I spent 4 months studying for only one hour a night with very little background information and I passed. Reallyâ€”I am a school trained, Chemical and Environmental engineer, who never took a college course in transportation, geotechnical or water resources. So if I can pass this Exam, so can you!!! Understand the test you are taking â€” Breath and Depth: This sounds simple, but make sure you truly understand the test that you are taking and the subject topics. A lot of people bounce around from subject to subject and just confuse themselves. The NCEES tells you exactly what to study and what references to buy, so pay attention to what you are doing. Buy your references and practice problem books NOW!: If you are really committed to passing the test this should be your first priority. Many people slowly wade into studying and getting all the stuff they need. The sooner you are working with the material the better you will be. Follow a study schedule: This is also important in order to make sure you are studying the right material and not getting bogged down too long in one subject area. Go to my study schedule and download it. Make the changes as you want. I put the schedule in hours and by module because that is how I studied. If you have a different way that is fine just make sure to follow a plan. This is the majority of the exam so you better study the most for it. The test requires a lot of studying for the average engineer to pass. Depending on whom you are and how, when, where you are planning to study will dictate how many studying hours you need. The range of study hours is from 0 to over hours for the exam. I will talk more about what to study and how later, but as you can see an average of hours of study time is no joke, and requires a plan and a real commitment. Well I am still under the impression that most Engineers are real people, with real lives sometimes that is true, sometimes not. SO, That is between 60 to days, 2 to 4 months of consistent studying with no days off. So I reiterate, once you commit to this it is an everyday commitment. Another good strategy is to commit to a friend or family member by sharing your plan and goals and then report back to them about progress or lack of progress. Another resource that helps with this habit, is going to the website or app at <https://www.ncees.org/pe-exam>: Keep a three-ring binder per discipline you are studying, so you should have 5 binders in the end. In the front of the book keep a notes page and add your important notes you learned during studying. I would also put all of my solved practice problems in that book and the notes from the online lectures. Make sure you separate the practice problems using tabs by subsection ex. Subsurface Exploration and Sampling, b. Make Two Cheat Sheets: He recommends condensing subjects into 2 one page cheat sheets. The other page should be practice problems. This is related to Key 5 as you write down all important concepts during studying. This will force you to understand fully the things on the exam that will show up most of the time. Tab smartly color code: Also another trick to tabbing is to color code your tabs. So Water Resources is blue, transportation is yellow, etc, etc, etc. The key here is to do a bunch of practice problems right after you study the subsection area. The goal is to ask questions, and get caught up on a couple of problems, so your brain can really absorb the information. You should spend maybe minutes listening to the lecture online and skimming through the CERM to make sure you get the general understanding of the material. Then you need you dive right into solving horizontal curves problems. Just keep working through the problems. The best way to stay motivated and accountable is to find a partner who is studying with you. It could be someone at work, or I even heard of some people meeting up on Skype a couple of times week to talk. This is important to stay focused and motivated. Join this early too so it is easy for you to ask questions. I believe the only strategy for this exam is to go through the test three times. These problems should take no more than minute each. If you studied at all, you will be surprised how many questions fit into this category. This first round should be a huge confidence boost. During the first sweep through you should mark the other problems into two

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categories, 2 and 3. The 2 problems are the ones that you think you can do however, you need to do a little referencing and double-checking to confirm that it will be correct. Then the 3 problems are the last questions you want to do and you think are the hardest ones. Hopefully, there will be less than 10 or so of these and you can work them at the end. This makes you start thinking positive about the exam and your abilities. Four, I loved it when I saved some hard questions for the end and then I started to settle down and tried to solve them and they became easy too. I really believe that. However, you do need to take action and focus to make this happen. Please write to me if you have any questions, I am here to help you pass.

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Chapter 2 : Six Minute Solutions: Books | eBay

The Six-Minute Solutions guides are great, especially when preparing for the afternoon portion of the Civil PE exam. Yes, the questions are generally tougher than what you will see on the exam; that's why they are good practice.

How helpful are the Six-Minute Solutions for the disciplines? Is it worth it to get the Six-Minute Solutions too, besides the fact that it you get an different set of problems to work? Did anyone find them very helpful for before and during the exam? I guess it would depend on which discipline you take in the afternoon. I selected Geotechnical in the afternoon and used the the Six Minute Solutions book, I thought it helped. Especially learning concepts better, I did most of the problems. This helped me know where things were in the CERM. If you planning to take Geotechnical as your depth, I will also recommend the book "Principles of Geotechnical Engineering" by Braja Das as well as the references that Badger is mentioning above. So, I will say that this book is a must have in your references. For deep foundation you will need other references and also experience in this field. I plan to take the Transportation Depth, so I may at least get the Six-Minute Solutions for that discipline just to have the extra problems to work. Badger, from your experience, do you think the Six-Min. Solutions are more in depth than what the morning would ask. You need to know: Could come up in const morning too. Could show up in trans or const morning also. Know how to determine lateral earth pressure coeff. Should know about total overburden stress, effective stress, and pore pressure. Need to know about overturning or sliding retaining wall questions Ch 37 CERM, simple problem may come up in structural or const morning. I would do a simple consolidation and time consolidation question, simple plug and chug eqn, have to be careful with units.

Chapter 3 : Transportation Depth Suggested References

Civil PE Exam Transportation Depth Problems (weeks 4 & 5) Civil Exam Set 3. Six-Minute Solutions for Civil PE Exam Structural Problems, Subasic C. theinnatdunvilla.com

Chapter 4 : The 10 Keys for passing the PE Exam | Learn Civil Engineering

Transportation Depth Six-Minute Problems for the PE Civil Exam, Seventh Edition (CETRSX7) pairs with the Transportation Depth Reference Manual for the Civil PE Exam, 3rd Edition (CETR3) in terminology, and methodology. Focus your practice in those areas where you need the most support.

Chapter 5 : Six-Minute Solutions for Civil PE Exam Structural Problems - PDF Free Download

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Chapter 6 : Six Minute Solution - Transportation Depth - Transportation - Engineer Boards

I plan to take the Transportation Depth, so I may at least get the Six-Minute Solutions for that discipline just to have the extra problems to work. Badger, from your experience, do you think the Six-Min. solutions for Geotech would be worth getting just for help on the morning questions?

Chapter 7 : Six-Minute Solutions for Civil PE Exam Transportation Problems, SXCTR3 | Construction Book

Six-Minute Solutions for Civil PE Exam Transportation Problems prepares you to answer even the most difficult morning

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and afternoon transportation problems in just minutes. Learning important strategies to solve these problems quickly and efficiently is the key to passing the Civil PE exam.

Chapter 8 : Test Study Material

Six-Minute Solutions for the Civil PE Exam Transportation Problems is the study aid you need to ensure you are suitably prepared with the important strategies you need to solve these problems quickly and efficiently, including even the most difficult morning and afternoon transportation problems.

Chapter 9 : Six-Minute Solutions - Civil Engineering PE Exam - Engineer Boards

Elaine Huang, PE's Six-Minute Solutions for Civil PE Exam: Construction Depth Problems (SXCCN2) offers comprehensive practice for the NCEES Civil PE Construction Depth exam. The content is always up-to-date to the latest exam specifications and codes.