

A Civil Engineer's Risky Non-technical Journey Through Ethics, Law, and Business  
A Text for Civil Engineering Seminar At the University of Kentucky College of Engineering  
by J. Richard Cheeks, PE JD

Much to my chagrin, as I read the manuscript of my new book in preparation for class, I discover errors that remain after multiple attempts to identify and eliminate them from the text. I will update this ERRATA SHEET as I discover additional errors over the course of this semester.

One of the obstacles that all writers face is finding errors in the writer's own writing. The writer knows what the writer intended to write, and the writer's eyes (and brain) tend to see what should be there rather than what is there. For this reason, fresh eyes are better equipped to identify these types of errors.

Each of you have a set of such fresh eyes, and each of you will be reading this material.

I will award 5 bonus points to any student this semester who identifies an error in the current manuscript that is not already cited on this ERRATA SHEET. A student may submit an error to me by email citing the location of the error and describing what the error is. In response, I will review the submitted error, and I will notify the submitting student of the outcome of my investigation by return email. If it is an error that has not been previously added to this ERRATA SHEET, I will add the error to the ERRATA SHEET with a notation of the student who identified it and the date of the addition to the ERRATA SHEET, and I will add 5 bonus points to that student's point total for the semester.

Each time I modify this ERRATA SHEET, I will upload the updated version to CANVAS, and students can track the status of identified errors by downloading this PDF from time to time either via CANVAS or from the CE-401 webpage.

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ERRATA SHEET<sup>1</sup>

1. Page v, change "PhD PE" to "PE, PhD." **Identified by Dr. Drnevich on September 5, 2020**
2. Page 3, "focuses" should be "focus"
3. Page 4, "During all other times, students can contact me by electronically." I think the word "by" should be omitted to make the sentence read, "During all other times, students can contact me electronically." **Identified by Lucas Moore on August 20, 2020.**
4. Page 22, "maintain" should be "maintaining" **Identified by Lucas Moore on August 20, 2020.**
5. Page 28, "SECTION" should be "SECTOR"
6. Page 34, "here" should be "hear" **Identified by Michael Hutchinson on August 24, 2020.**
7. Page 42, Double use of "harm" in one sentence. **Identified by Tanner Whipkey on August 25, 2020**
8. Page 51, "walkways" should be "walkway"
9. Page 51 and Page 52, Change "G.C.E." to "GC" in FN68 and FN70
10. Page 52, the quote that starts, "he is undertaking ... " has no ending quote mark, which should occur at the end of the sentence, ending "... atrium roof." Add the quote mark. **Identified by Lucas Moore on August 31, 2020.**
11. Page 53, the sentence, "This informant directed the paper that a specific Shop Drawing for the construction of the hotel would reveal the cause of this tragedy" should be revised to read "This informant notified the paper that a specific Shop Drawing for the construction of the hotel would reveal the cause of this tragedy." Change "directed" to "notified"

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<sup>1</sup> All errata items in red have been corrected in the original manuscript on 9/5/20, and are preserved here for completeness of this record. The items in black are items identified subsequent to the 9/5/20 revisions.

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12. Pages 54-55, Not errata, but clarification. The text currently says

On Monday, a spokesman for the firm said they have looked hard but do not know why it failed yet Mr. Gillum's subsequent account claims that he recognized the cause of the failure as soon as he looked at the hangar rod connection in the Hyatt atrium on Friday night. It seems the lawyers on Sunday may have directed the message that the GC spokesman provided to the media on Monday.

The spokesman for the firm cited in the current text is Mr. Gillum, quoted in the KC Star on Monday, July 20, 1981 in an article entitled, "Collapse not due to load, engineer says." Therefore, this passage should be modified to say,

On Monday, Mr. Gillum said he reviewed design documents for the Hyatt this weekend "and found everything to be correct" and that he had no idea why the sky walks collapsed. Yet, in his subsequent account, Mr. Gillum claims that he recognized the cause of the failure as soon as he looked at the hangar rod connection in the Hyatt atrium on Friday night. It seems the lawyers on Sunday may have controlled the message Mr. Gillum provided to the KC Star on Monday.

13. Page 57, "GCE" should be "GC" in the 2<sup>nd</sup> paragraph of FN81, and add a period "." at the end of FN81.

14. Page 59, "statue" should be "statute"

15. Page 60, the "6" bulleted item is a different font from the rest. Fix font. **Identified by Preston McDowell on September 1, 2020.**

16. Page 61, the "2" bulleted item is a different font from the rest. Fix font.

17. Page 68, the passage "... I participated ASFE's Fundamentals ..." should be "... I participated in ASFE's Fundamentals ..." Insert "in" into this sentence.

18. Page 69, the passage "... the failure took 114 lives." Should be "... the failure that took 114 lives." Insert "that" into passage.

19. Page 72, "non-technical" should be "non-ethical"

20. Page 86, Improve the graphic quality for the print version (Apartheid was Legal)

21. Page 92, "Trueteel's" should be "Trueteel"

22. On Pages 98-99, I quote several specific statements made by various people in this case "about the consequences of the dilution option."

My goal is to capture the range of statements on this specific issue. If there are other direct quotes from the video that should be considered for this specific part of the analysis, please bring them forward for consideration. If I agree, I will add them to a later edition of the book, and I will award the bonus points this semester for the suggestion.

23. Page 103, "Then the Chapter 7 ..." in the opening paragraph should be "Then Chapter 7 ..."

24. Page 113, "are" should be "as"

25. Page 123, the phrase "... integral to in any discussion ..." should read "... integral to any discussion ..." Delete "in" from the passage.

26. Page 126, eliminate the double period at the end of a sentence near the bottom of the page.

27. Page 131, the "6" bulleted item is a different font from the rest. Fix font. .

28. Page 141, the final sentence, "To establish Cause in Fact, the assertion that "But for the defendant's breach of duty, the plaintiff's damage would not have occurred." should be modified to say, "To establish Cause in Fact, the assertion that "But for the defendant's breach of duty, the plaintiff's damage would not have occurred," must be true.

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29. Page 142, the first sentence, "For example, "But for the engineer's approval of the double rod shop drawing without analysis, the Hyatt collapse would not have occurred." should be modified to say, "For example, "It is correct to say, 'But for the engineer's approval of the double rod shop drawing without analysis, the Hyatt collapse would not have occurred.'"
30. Page 142, a missing period in item 2 mid-page. Add the period.
31. Page 151, "ALJ" should be "AAJ"
32. Page 151, Footnotes 185 has changed since researching for the manuscript. Change FN 185 to <https://www.justice.org/advocacy/our-issues>
33. Page 154, "Statute" of Repose should be "Statutes" of Repose.
34. Page 174, "professional" should be "professionals"
35. Page 178, several dollar values need commas for proper formatting, including \$30,000, \$80,000, \$40 000, \$5,000, and \$50,000. Correct these formatting errors. **Identified by Dr. Drnevich on September 5, 2020**
36. Page 199, formatting issue, "**Boring Layout: Is the boring layout adequate?**" There is an unnecessary space prior the "Is" which should be removed.
37. Page 205, "involves" should be "involve"
38. Page 208, The final sentence includes a redundancy, and reads "These biases set up the arguments that dominated the arguments during the first round of negotiations." Revise to say, "These biases set up the arguments that dominated the first round of negotiations."
39. Page 224, "negligence" should be "negligent"
40. Page 232, "UNLIINED" should be "UNLINED"
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