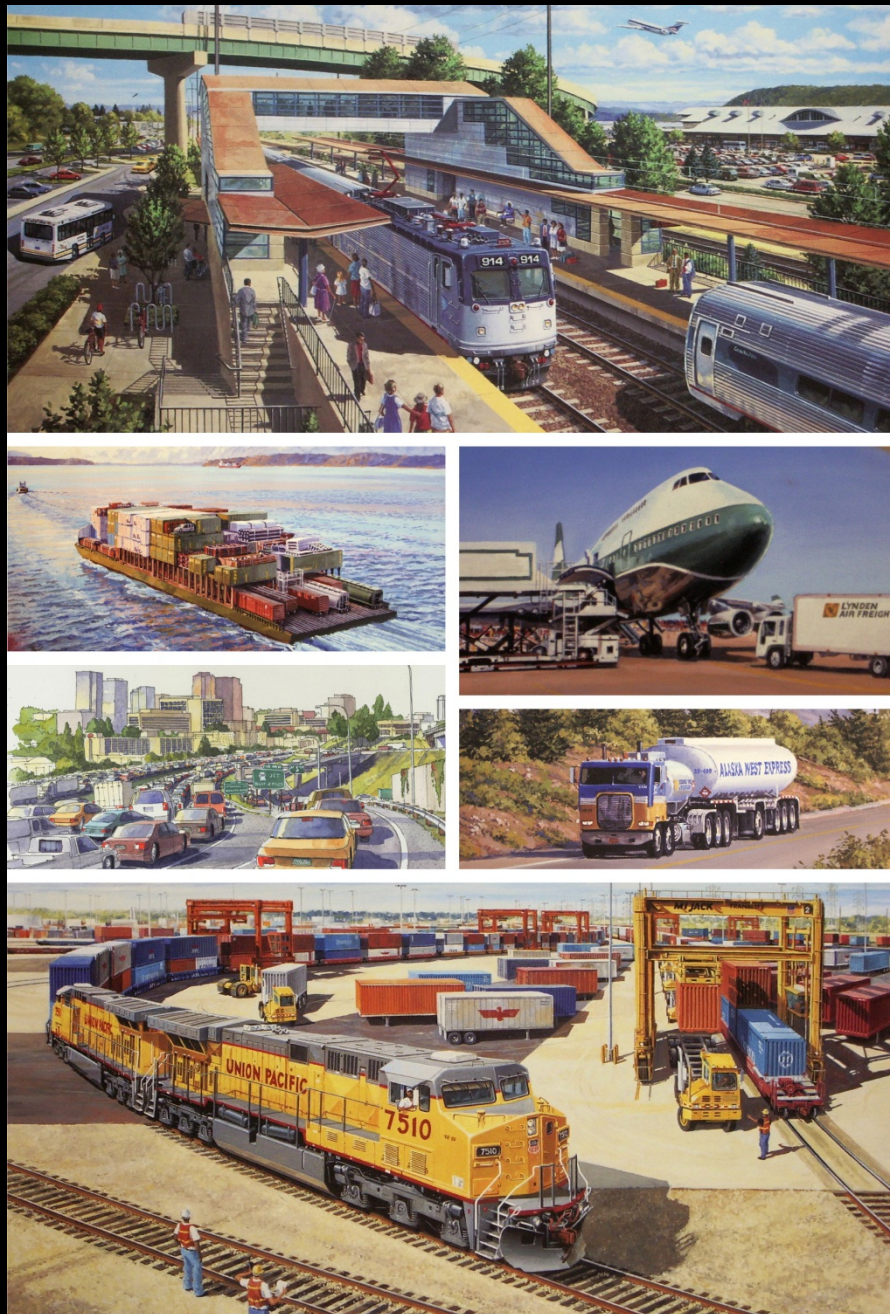


Fundamentals of Transportation Engineering

A Multimodal Systems Approach



Jon D. Fricker and Robert K. Whitford

Second Edition, 7th Printing

Fundamentals of Transportation Engineering, Second Edition, 7th Printing.

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For instructor materials and details about the changes made since the first edition, go to

<https://engineering.purdue.edu/~ce361/JFRICKER/FTE/>.

Preface to the Second Edition, 7th Printing

This is the seventh version of Edition 2. The first edition of *Fundamentals of Transportation Engineering* (FTE1) was published in 2004. Since 2004, new editions of several well-known manuals and other references have been published. Furthermore, much of the data that appeared in FTE1 has become outdated. For these reasons, the second edition of FTE was published in June 2014 and distributed by academicpub.com, followed by several subsequent versions (printings).

In the 7th Printing, based on having taught the introductory course in the past year, a few typos have been corrected and several passages have been reworded. In about six places, sections have been rewritten to reflect new or improved methods. See <https://engineering.purdue.edu/~ce361/JFRICKER/FTE/> for details.

As with the previous versions, *Fundamentals of Transportation Engineering* continues to:

- (1) Cover topics beyond the highway mode. Chapters 10-12 cover the transit, air, and freight modes. Chapter 13 on Sustainable Transportation includes non-motorized transportation and new technologies.
- (2) Allow use of reading assignments to replace a traditional “lecture”. This increases class time for taking student questions about the reading, working problems, and facilitating discussions.

(3) Begin each chapter with a realistic scenario, build toward analyzing and solving related example problems, and invite students to ponder the “Think About It” boxes.

I am sorry to announce that, in December 2018, my co-author Robert K. Whitford passed on Bellevue WA. It was Bob’s idea to write this textbook. It was Bob who developed most of the non-highway content of the book, which distinguishes this book from others on the market. He will be missed.

Thank you to those of you who have adopted the book. Please continue to tell me how the book has met your needs and how it could be improved.

Jon D. Fricker
West Lafayette IN

10 July 2019

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