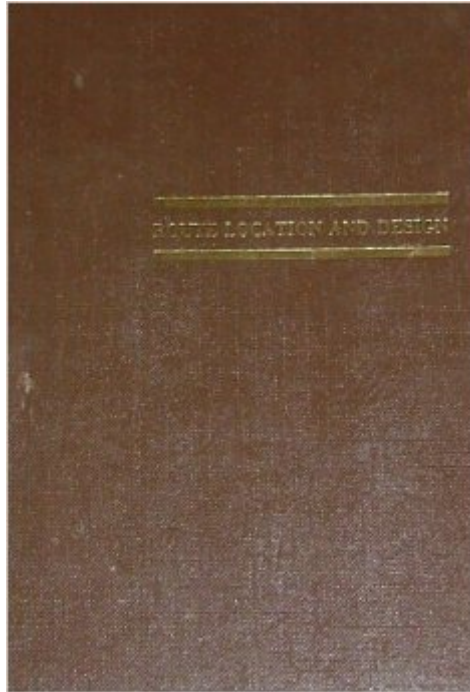


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# Route Location And Design



## Synopsis

This text presents the basic principles governing the location and design of transportation systems with particular reference to highways.

## Book Information

Hardcover: 640 pages

Publisher: McGraw-Hill College; 5 edition (June 1, 1967)

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Average Customer Review: 4.9 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #566,198 in Books (See Top 100 in Books) #60 in [Books > Engineering & Transportation > Engineering > Civil & Environmental > Surveying & Photogrammetry](#) #306 in [Books > Engineering & Transportation > Transportation > Railroads](#) #474 in [Books > Textbooks > Engineering > Civil Engineering](#)

## Customer Reviews

This is an in depth reference for every aspect of horizontal and vertical geometry. Contains base theory, then all of the necessary equations for calculating sight distances, vertical curve lengths, horizontal and vertical curve obstructions. Some of the values used should be cross-referenced with values from the AASHTO Green Book, as some of the design values in the book may be out of date. Also discusses spiral curves, compound curves, unsymmetrical vertical curves. There are equations, detail narratives, and example problems in this book, that I have not seen in any other manual. An excellent companion to your Green Book, CERM, and HCM.

This book is an excellent reference if you are performing any type of engineering or surveying work that involves spiral or vertical curves. Though it is an older book, the collection of formulas is unsurpassed. Just ignore the pictures of '57 Chevys cruising down the highways. :)

The book arrived on time and in the condition I expected. Since it was no longer printed I was concerned about the possible condition. It was in good condition as advertised. The book I received was evidently a library book at one time. What a loss for that library. That library must not have

catered to technical readers. Just because we can now do these calculations in AutoCAD does not mean we do not need to know how to do them without AutoCAD. Everyone still needs to learn this information for the day the electricity goes off and we still need to move forward.

This book, without a doubt, is the best reference book I have found for matters concerning horizontal and vertical geometry related to highways and railroads.

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