Better Traffic and Revenue Forecasting (Paperback)

By Luis G. Willumsen

Maida Vale Press, United Kingdom, 2014. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Demand and revenue forecasting for transport concessions has an inconsistent track record. There are several reasons for this: a possible optimism bias, the inherent uncertainty in any forecast, limited data and a poor choice of modelling tools. Therefore any better approach must acknowledge these constraints from the outset and be adapted to deal with revenue risk. This book addresses these issues on the basis of 20 years of international experience producing Traffic and Revenue projections for a range of transport concessions: Toll Roads, Managed Lanes, LRT, BRT, Metro and Rail projects with involvement of the private sector. It includes an additional chapter on Congestion Charging. The book is divided into three parts. Part I covers the context for the participation of the private sector and the requirements posed for demand forecasting. Part II is more technical and describes the strengths and limitations of the modelling tools used in both conventional and Traffic and Revenue forecasting models; it deals with issues like induced traffic, destination, mode and time of travel choice and, of course, discusses assignment in detail; willingness to pay...

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