Pavement Asset Management
Ralph Haas, W. Ronald Hudson, Lynne Cowe Falls (With)

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DESCRIPTION

Comprehensive and practical, Pavement Asset Management provides an essential resource for educators, students and those in public agencies and consultancies who are directly responsible for managing road and airport pavements.

The book is comprehensive in the integration of activities that go into having safe and cost-effective pavements using the best technologies and management processes available. This is accomplished in seven major parts, and 42 component chapters, ranging from the evolution of pavement management to date requirements to determining needs and priority programming of rehabilitation and maintenance, followed by structural design and economic analysis, implementation of pavement management systems, basic features of working systems and finally by a part on looking ahead.

The most current methodologies and practical applications of managing pavements are described in this one-of-a-kind book. Real world up-to-date examples are provided, as well as an extensive list of references for each part.

ABOUT THE AUTHOR

Dr. Ralph Haas, PEng, PhD, is the Norman W. McLeod Engineering Professor and Distinguished Professor Emeritus at the University of Waterloo. An educator, researcher and practitioner, he has lectured and consulted worldwide on infrastructure and pavement management for more than four decades. His contributions have been recognized with such honors as Member of...
the Order of Canada, Fellow of the Canadian Academy of Engineering, Fellow of the Royal Society of Canada and Fellow of the American Society of Civil Engineers.

**Dr. W. Ronald Hudson**, PE PhD, is the Dewitt Greer Emeritus Professor at the University of Texas, Austin. He has authored or coauthored 400 learned papers and 6 books. He is a Distinguished graduate of the UT Austin School of Engineering and the Civil Engineering Dept. at Texas A&M University. He was a senior member of the Team that developed the initial PMS and was also a Principal on the Team that developed the first BMS for NCHRP in the mid-1980s. He has chaired every PMS committee in TRB and has chaired the Pavement Committee and the Highway Division for the American Society of Civil Engineers.

**Dr. Lynne Cowe Falls**, PEng, has an extensive background in pavement management spanning several decades including consulting engineering and currently Associate Dean of Engineering at the University of Calgary. She is a prolific author and award winning teacher and has been elected a Fellow of the Canadian Academy of Engineering and a Fellow of the Canadian Society of Civil Engineering.

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