Fourth International Symposium on Highway Capacity

Proceedings
Werner Brilon, Editor

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Transportation Research Board
National Research Council
2101 Constitution Avenue, NW
Washington, DC 20418 USA
Website: national-academies.org/trb

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Foreword

The Transportation Research Board (TRB) and its Committee (A3A10) on Highway Capacity and Quality of Service (HCQS) organized an International Symposium on Highway Capacity held from June 27 to July 1, 2000, in Maui, Hawaii. It is the fourth symposium in a series of international conferences. Previous conferences were held in Karlsruhe (1991), Sydney (1994), and Copenhagen (1998).

The symposium provides an opportunity for researchers, engineers, and transportation planners to discuss current developments in highway capacity and level of service. Both new research results and current practices are presented and discussed.

This conference is characterized by two aspects. First, with the release of the new edition of the *Highway Capacity Manual 2000*, this conference marks the beginning of developments beyond the HCM 2000. Thus, one of the special purposes of the conference is consideration of the highway capacity challenges facing transportation professionals in the new century.

The second notable aspect of the conference is its location in the middle of the Pacific hemisphere. The selection of this conference site emphasizes the commitment of TRB and its HCQS committee to an exchange of experiences, a shared understanding of country-specific traffic challenges in different countries, and an increased awareness of solutions that have been found outside the USA. The conference is especially focused on an exchange with Pacific Rim countries.

The symposium is sponsored by the U.S. Transportation Research Board (TRB), Washington, D.C.

The symposium proceedings are a compilation of 42 papers presented at the symposium. These papers represent the work of 73 authors from 11 countries. Before being accepted for the symposium, each paper was reviewed by at least three members or friends of the sponsoring HCQS committee.

Paper authors and presenters, session moderators, and attendees share thanks for the success of the symposium. Acknowledgments go to the members of the program task force Lily Elefteriadou, Doug Harwood, Wayne Kittelson, Hideki Nakamura, Barbara Ostrom, Rikke Rysgaard, Bill Reilly, Stan Teply, Rod Troutbeck, and Wei Lien Liang, and especially to the A3A10 committee chairman, John Zegeer. Special recognition is due to Lily Elefteriadou for guiding the paper review process and to Bill Reilly for organizing additional country reports to be presented at the conference that are not contained in the proceedings. Staff from TRB (Rich Cunard) and Catalina Engineering (Andy Reilly) provided invaluable service in planning and presenting the symposium.

—WERNER BRILON
Chair, Program Task Force
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Corresponding Authors Address List
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