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PROCEEDINGS—

Twenty-fifth Annual Meeting

Volume XXV • Number 1

1984



TRANSPORTATION RESEARCH FORUM

PROCEEDINGS—

Twenty-fifth Annual Meeting

Theme:

“Beyond Deregulation: Let Freedom Ring!”

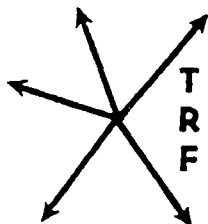
October 22-24, 1984

Parker House

Boston, MA

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TRANSPORTATION RESEARCH FORUM
in conjunction with



**CANADIAN TRANSPORTATION
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Statement of Purpose

The Transportation Research Forum is a joint endeavor of interested persons in academic life, government service, business logistics, and the various modes of transportation. The Forum's purpose is to provide a common meeting ground or forum for the discussion of ideas and research techniques applicable to economic, management, and public policy problems involving transportation.

FOREWORD

Theme: "Beyond Deregulation: Let Freedom Ring!"

Within the transportation environment, at least, the novel was wrong. Unlike George Orwell's overly regulated citizenry, transportation users and managers in 1984 enjoy and indeed struggle with increased freedom. Railroads, motor carriers, airlines, bus lines, taxi drivers, and shippers grapple with issues long held dormant under the prior regulation. Although the full impacts of deregulation may not be evident for many more years, preliminary assessments can be made. For example, some trace the financial problems of the airlines and motor carriers and the resurgence of the railroads to deregulation. However, others cite the importance of the recession, international competition, and other factors. These issues and many others are discussed in the papers in this 25th volume of the Proceedings of the Transportation Research Forum.

The annual meeting will be held October 22-24, 1984 in Boston, on the Freedom Trail, at the Parker House. In addition to the 49 papers published in this *Proceedings*, the annual meeting will include 60 presentations on topics ranging from railroad mergers to the role of computers and the issues facing transportation labor. On the final day, three panel sessions will focus on transportation in New England.

The Boston meeting will be the second joint meeting in 1984 of the Transportation Research Forum and the Canadian Transportation Research Forum. In May, a very enjoyable and informative meeting was held at Jasper Park Lodge in Jasper National Park, Alberta. Many of the best papers from that meeting are published in this *Proceedings*. The discussions, arguments, and friendships begun in Jasper will be renewed in Boston.

The Transportation Research Forum depends heavily upon volunteers. I would first like to thank the more than 100 people who helped review papers, a difficult task that is essential to the success of the annual meeting. I would also like to thank the many people in the New England Chapter who helped in all aspects of the program. Next, I would like to thank the CTRF and the TRF councils, session moderators, the MIT Center for Transportation Studies, and others for their advice and support during the last year. Special thanks are due Grant Vietsch, who for many years has guided program vice presidents

through the maze of details that must be attended to. Finally, I would like to thank Paula Adelman for her tireless efforts in compiling this volume and arranging the annual meeting.

It has been a demanding yet rewarding experience for me to serve as the program vice president this year. I look forward to seeing you in Boston where the chance to meet new friends and old will again make the annual meeting one of the highlights of the year.

Carl D. Martland
Program Vice President

Center for Transportation Studies
Massachusetts Institute of Technology
Cambridge, Massachusetts

August 1984

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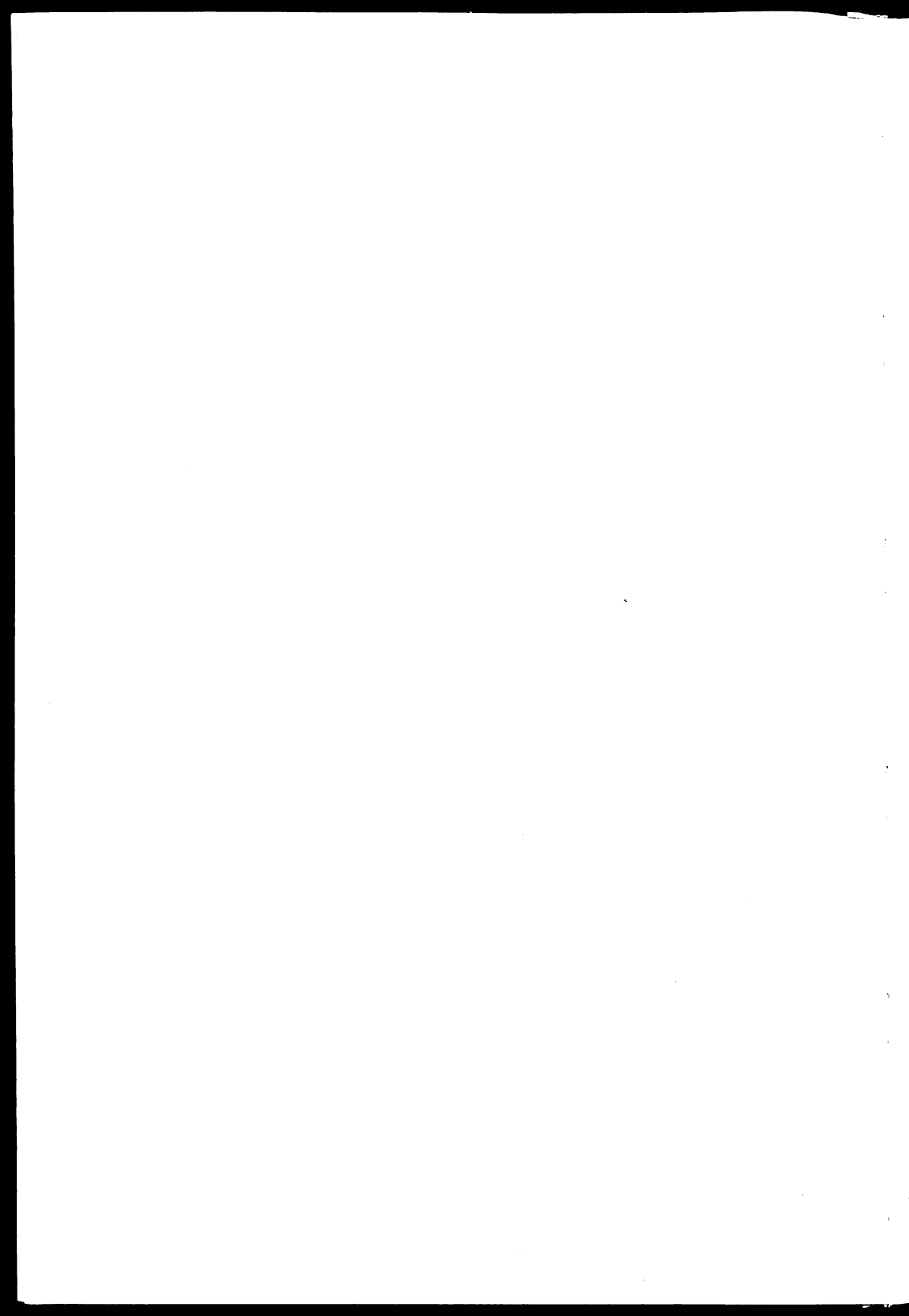
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PROCEEDINGS—

NINETEENTH
ANNUAL MEETING

Canadian
Transportation Research Forum

Jasper, Alberta

May 1984

