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PROCEEDINGS OF THE 40TH
ANNUAL MEETING OF THE
TRANSPORTATION RESEARCH FORUM

Philadelphia, Pennsylvania
October 29-31, 1998

Volume 1

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Welcome to the Transportation Research Forum's 1998 Annual Meeting

These proceedings contain those papers presented at the 40th Annual Meeting of the Transportation Research Forum, held in Philadelphia from October 29-31, 1998, that were received by the deadline publishing date. All papers were reviewed by the Program Vice President to assess their suitability for inclusion in these volumes. Additional papers may be made available by some of the presenters at the time of the Conference.

The Transportation Research Forum (TRF) is an independent organization of transportation professionals providing pertinent and timely information to those who conduct research and those who use and benefit from research. It functions as an impartial meeting ground for carriers, shippers, government officials, consultants, university researchers, suppliers, and others seeking an exchange of information and ideas related to both passenger and freight transportation. The Transportation Research Forum started with a small group of transportation researchers in New York in 1958 and the first national meeting was held in St. Louis in 1960. National meetings have been held annually since 1960 at various cities throughout the U.S. and Canada.

Numerous TRF members and supporters aided in the development of this year's Forum, but it is authors of the papers, the organizers and contributors to the various panels, and the session chairs who make TRF annual meetings so worthwhile and enjoyable. The conference program simply reflects the interests, enthusiasm and commitment of those members of the transportation community. Special thanks go to Patrick and Judy Little who graciously agreed to assemble this year's proceedings for me. Without their help, the job of Program Chair would have been much more of a burden.

A number of other TRF members also assisted in the development of this meeting. Randy Resor and Jim Blaze were constant sources of ideas and encouragement. When help was asked for, they came through repeatedly. Other TRF members provided help with the program in their areas of interest. I want to thank Alan Bender, Michael Belzer, Ken Erickson, Paul Gessner, Harold Kurzman, Scott Ormstein, Clint Oster, and Peter Smith for their help. Claire LaVaye at the University of Texas assisted with promoting the meeting on TRF's website. Finally, Rick Guggolz provided valuable assistance on the business arrangements for the conference.

We are also grateful to those companies and organizations who have sponsored awards or made other contributions to the success of the Forum. These include: LTK Engineering, The Metropolitan Transit Association, and RailTex. Among our own members, we are especially indebted to the TRF Foundation, the Cost Analysis Chapter and the Aviation Chapter for their assistance and support.

These proceedings are prepared and distributed at the TRF Annual Forum as a means of disseminating information and stimulating an exchange of ideas during the meeting. Every effort has been made to reproduce these papers accurately. TRF, however, assumes no responsibility for the content of the papers contained in these volumes.

Richard Golaszewski
Program Vice President
October, 1998

PAPER ABSTRACT FOR THE TRF, 1998 PHILADELPHIA

Curt Grimm (University of Maryland)
Joe Plaistow (Snavely, King)

Address correspondence to:
Professor Curt Grimm
3437 Van Munching Hall
R. H. Smith School of Business & Management
College Park, MD 20742-1815
Phone: 301-405-2235
e' mail: cgrimm@rhsmith.umd.edu

COMPETITIVE EFFECTS OF RAILROAD MERGERS

In the post-Staggers era, the U.S. railroad industry has experienced a significant number of mergers. This has given rise to concern by shippers, currently manifested in competitive access legislative initiatives.

It is therefore important to carefully analyze the competitive impacts of mergers since 1980. This paper does so, using a qualitative method for mergers prior to the mid 90's, and a quantitative method developed by the authors for the BN-SF, UP-SP, and Conrail consolidations. Finally, the paper will explore implications for competitive access legislations.