



# **Operations & Data at TRB**

## **NATMEC 2002**

**Transportation Research Board**



1916

NATIONAL  
RESEARCH  
COUNCIL

# 1962

## National Cooperative Highway Research Program (NCHRP)



# TRB Policy Studies

Special Report 230

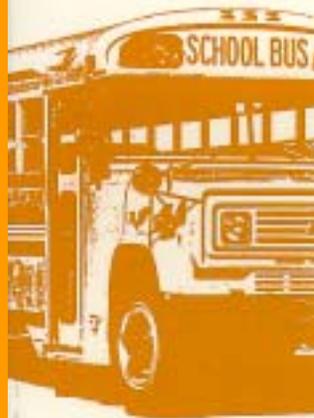
## Winds of Change Domestic Air Transport Since Deregulation



TRANSPORTATION RESEARCH BOARD  
NATIONAL RESEARCH COUNCIL

Special Report 232

## IMPROVING SCHOOL BUS



TRANSPORTATION RESEARCH BOARD  
NATIONAL RESEARCH COUNCIL

Special Report 242

## CURBING GRIDLOCK Peak-Period Fees To Relieve Traffic Congestion

VOLUME 1

TRANSPORTATION RESEARCH BOARD  
COMMISSION ON BEHAVIORAL AND SOCIAL SCIENCES  
AND EDUCATION  
NATIONAL RESEARCH COUNCIL

SPECIAL REPORT 255

## Entry and Competition in the U.S. Airline Industry *Issues and Opportunities*

TRANSPORTATION RESEARCH BOARD  
NATIONAL RESEARCH COUNCIL

Special Report 233

## In Pursuit of *Speed*

## New Options for Intercity Passenger Transport

RESEARCH BOARD  
NATIONAL RESEARCH COUNCIL

**TRB**

# Technical Activities Division

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TRB

# Standing Committees



# Annual Meeting



# Conferences & Workshops

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- Approximately 50 Specialty Meetings Annually
- Sponsored Meetings, Committee Mid-Year Meetings and Co-Sponsored Events

# Committees & Task Forces

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- 180 Committees
- 3,000 top administrators, engineers, social scientists, attorneys, educators, and others
- Serve without compensation

# Division A Groups

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- **Group 1:** Transportation Systems Planning and Administration
- **Group 2:** Design and Construction of Transportation Facilities
- **Group 3:** Operation, Safety, and Maintenance of Transportation Facilities
- **Group 4:** Legal Resources
- **Group 5:** Intergroup Resources & Issues

# Division Council Initiatives

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Address new initiatives, cross-cutting and otherwise, not currently being adequately addressed

# Operations & Data Events

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- Host Expert Practitioners to Review White Paper on “InfoStructure” Concepts - November, 2001
- Convene Chairs of Operations and Data Committees to Explore Common Interests - January, 2002
- Workshop on “InfoStructure” Concept, August, 2002

# New Standing Committee

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Regional Transportation  
Systems Management &  
Operations Committee

# Purpose

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- Former Transportation Systems Management Committee
- Bring together elements of regional transportation systems management in Metropolitan areas
- Coordination among other TRB Committees

# Subcommittees

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- Planning & Operations
- Partnerships for Regional Operations
- Linking Data & Operations

# Selected Outcomes

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- Expectations - How will we achieve integration and interoperability?
- Processes - How is information obtained, managed, and shared?
- Investments - How do systems evolve & what resources are needed?

# Implications for the Data Community

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- Finding Adequate Financing
- Redefining the Customer
- Intergration Across Functional & Modal Stovepipes
- Restaffing the Professional Community

# Implications for the Data Community

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- Need for Decision Maker Awareness & Partnership
- Competitive Product
  - Quality
  - Timeliness
  - Cost
- New Tools/Visualizations Technologies
- New Data Sources