## The National Academies

<table>
<thead>
<tr>
<th>1863</th>
<th>1964</th>
<th>1970</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Academy of Sciences</td>
<td>National Academy of Engineering</td>
<td>Institute of Medicine</td>
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1920 - Advisory Board on Highway Research Established

1974 - Highway Research Board Becomes Transportation Research Board
TRB Today
• Managing Research
• Delivering Policy Analysis & Advice
• Providing Tools for Researchers & Practitioners
• Bringing the Transportation Community Together

Managing Research:
Cooperative Research Programs
• Highways
• Transit
• Airports
• Freight
• Hazardous Materials
Characteristics of Cooperative Research Programs

- Practitioners select projects
- Emphasis on solving problems; short-term results
- Panels oversee each project
- Consultants, universities conduct research
- 100+ reports each year

Managing Research: Strategic Highway Research Program (SHRP-2)

**Safety:** Making a significant improvement in highway safety  
**Renewal:** Accelerating the renewal of America’s highways  
**Reliability:** Providing a highway system with reliable travel times  
**Capacity:** Providing highway capacity in support of the nation’s economic, environmental, and social goals
1. Supplying new information as soon as it becomes available
2. Providing you with access to research tools when you need them
3. Providing communities of interest to share information in real time
Communications Tools

www.TRB.org

- TRB News and Activities
- Events Calendar
- Publications
- Research Databases
- Discussion Groups
- and More!
Transportation Research E-Newsletter #264
Transportation Research Board
of The National Academies
12/19/2007

Summary of Contents

TRB News
- 11th Annual Transit Capacity & Quality Conference
- NTHGR 12th Annual Planning Conference for Progress in Transportation Grantees’ Services
- 2007 TRB Annual Meeting: Tell Us What You Support and Editors
- A Checkbook for Addressing Aircraft Noise at General Airports
- Final Analysis on Selected Categorical Plain Language: Final Analysis
- Federal Aid in Traffic Management Practices for Improving and Enhancing Airport Security
- Maine Board of Transportation Fall Meeting Proceedings
- Weighting and Signing Standards for Airport Pavements and Runways

Recently Released TRB Publications
- Estimating the Nonlinear Effects of Dumbbells on Pavement Response
- Geostatistical Integration of Field- and Transportation Planning and Project Selection Processes
- Integrating Freight into Federal and Local Transportation Planning and Project Selection Processes
- Traffic Flow Capacity 2007
- Traffic, Demand 2007
- Using the Results of Contractor-Performed Tests in Quality Assurance
- Using the Results of Contractor-Performed Tests in Quality Assurance: Category 1
- Federal Research News
- Annual Research Report 2008: Executive

TRIS

- World’s largest and most comprehensive bibliographic resource on transportation information
- More than 600,000 records
- Each has information on how to obtain, or direct links
Research in Progress (RiP)

- 7,000 records of ongoing research projects
- Searchable
- Email notification of new projects in specified areas
- Submit current research projects

Research Needs Statements

- Most critical needed research
- Identified and approved by experts on TRB standing committees
- 700 statements included in database
- Fully searchable
- Ideas for dissertations and theses
Current year TRB authors can search 6,500 peer reviewed papers from 1996-2007

Searchable by: title, keywords, major topic area, author, TRR number

TRR Online Subscription Service now available
TRB Brings the Transportation Community Together

- Annual Meeting – 10,000+ People
- Conferences and Workshops – 50+ / 5,000+ People
- Committees and Panel Meetings – 6,500+ People
- State, University, and Transit Representatives – 250+ People
- Staff Field Visits
Annual Meeting 1920s

Annual Meeting Today
TRB Annual Meeting Program

- More than 600 workshops & sessions
- 3,000+ presentations
- 400+ TRB committee meetings
- 150 other meetings
- 200+ exhibits

Standing Committees
Your Entry into the TRB Community
Standing Committees

**DISCIPLINES**
- Policy and Organization
- Planning & Environment
- Design & Construction
- Operations & Maintenance
- Safety & Systems Users
- Legal Resources

**MODES**
- Highways
- Public Transportation
- Freight Systems
- Rail
- Air
- Marine
- Non-Motorized

- Encouraging Research and Innovation in Transportation since 1920

Standing Committees

**WHAT DO THEY DO?**
- Bring together communities of interest
- Identify research needs
- Sponsor sessions, conferences, and meetings
- Generate papers and reports
- Share information on ongoing and recently completed research
Standing Committees
WHY GET INVOLVED?
• To learn
• Keep yourself and your organization up-to-date on latest research and issues
• Get to know leaders in profession
• Leaders in profession get to know you!
• Become part of a **community**

It’s Not Your Father’s Committee Anymore
• Membership rotated every 3 years
• Encouraging diversity
• Young Member category
• International Member category
• “Friend” category
Standing Committees
How do I become involved?

- Visit TRB website (www.TRB.org)
- Review scopes of committees of interest
- Click on the name of chair or staff representative to generate email
  - Provide summary of your background and interest