AP025 Committee Scope

The committee examines, discusses and disseminates ideas and issues for public transportation planning, development, operational and project implementation.

The committee seeks to:

• Develop and promote topics for future research in transit planning and development,
• Promote widespread dissemination of transit research findings and recommendations, both theoretical and practical.
• Consider emerging trends, new ideas and innovations as they influence public transportation planning and development and
• Assists in defining public transportation's roles, contribution, and future direction as it relates to intermodal systems and the field of community development and infrastructure systems.
• Improve the understanding of transit markets and users.
• Consider issues such as land use, technologies, market and patronage forecasting, effects of pricing, design of service innovations, public policy, tools and techniques for product planning,
• Consider transit planning across a range of activities including: capital planning, modal comparisons, service design and operations planning.
A wide range of topic areas:

- Travel behavior, human factors, demographic, land use and mobility patterns that affect the attractiveness of, or demand for, public transportation.
- External factors, such as the volatility in gas prices which affects travel behavior and mode split.
- Sustainable development and mobility societal goals, and the role of public transportation in pursuing these goals.
- Federal policies and regulations related to public transportation infrastructure investment, planning, operations, and management; coordinated land use and transportation planning, or policies affecting the competition between different modes.
- Integrated approaches to land use planning, transportation planning, and transit planning.
• Analytic methodologies used for planning networks, new public transportation infrastructure, or the planning and development of individual services, as well as scheduling of multimodal services.

• Service monitoring, planning, deployment, and the encouraging of innovation.

• Impacts of public transportation policies or services on mobility patterns, community development, or societal goals related to sustainability and equity.

• Benefits and challenges related to the choice of public transportation modes for specific corridors, such as LRT vs. BRT.

• Transit Oriented Development and Livable Cities and their various relationships to public transportation demand and planning
Other?

• Social inclusion impacts
• Sustainability
• Livable communities
• Accessibility
• Network design
Challenges (Big picture)

• Lack of resources in transit industry to
  – Experiment
  – Innovate
  – Travel / participate
  – Measure, evaluate, document
• Insufficient board / management interest in service planning and development (in operations-driven industry)
• Changing technological landscape and customer expectations
• Agencies tend to be reactive vs. proactive
• Planning transit for difficult and changing urban forms
• Silos between functions / interests
• Lack of information dissemination
Challenges (committee)

• Limited time / energy of members to participate (volunteer activity)
• Lack of travel budgets to come to TRB / lack of continuity in participation
• Growth in papers / nature of research vs committee composition and skills
• Overlaps of topics with other committees
• Committee composition and skills
• Explosion in research from Emerging Countries (China, India, Brazil....)
• ?
Resources for research / dissemination

- TRB Conference calls / review for papers
- TRB Conference presentation sessions / workshops
- TRB Webinars
- RNS Database / RiP
- Committee website and resources page
- WTR Web site
- TCRP Solicitations
- Workshops
- Conferences
- Other TRB committees
- Participation in other fora
- Listservs (NCTR, APTA?)
- DOT Peer exchange / PCB Webinars
- Non-profit/advocacy organizations
- APTA links and conference calls for papers, etc.
- Articles for transit publications
- UTCs / transit academics network / UITP
Networking

- FTA / FRA, etc.
- APTA (CUTA / UITP), CTAA
- State and Regional Transit Associations
- RailVolution
- APA (transportation planner certification)
- ITE
- AMPO
- COMTO
- ULI/CNU

International:
- WCTR
- WSTLUR
- Thredbo
- European Transport Conference (ETC)
- ICLEI
Activities / Tasks

• Paper Review
• TCRP Solicitation / RNS
• Web Site

• Search for Key Resources
• Keywords
• Context Mapping: Themes of interest and intersections with other committees
• Reflection on outreach / networking
• Emerging country issue (sub-committee?)
Research Topics?

• Tools for enhancing the integration of services / family of services
  – Best practices
  – Analysis and planning tools
• Cost effective service changes
• Planning for growth in demand with limited resources to expand service
• Access strategies to high capacity transit stations in suburbs
• Service to suburban employment locations
  – Incentives for businesses to locate in intensified areas
  – How to serve less concentrated areas
  – Transit agency coordination with private sector employers to enhance transit service access
• Transit at the developer's table
• Retention of UPass students
• Primary transit network (core routes, amenities, land use impacts)
• Service standards