

TRANSIT MOBILITY PROGRAM

Description

The Texas A&M Transportation Institute (TTI) is part of the Texas A&M University System and is recognized as one of the premier higher education-affiliated transportation research agencies in the nation. The TTI Transit Mobility Program provides research and technology transfer expertise in all aspects of public transportation planning, management, and operations. Program researchers bring a combination of direct operational skills in all bus, paratransit, and rail modes and nationwide research experience with metropolitan, urban, and rural transit systems. Research projects result in practical, actionable recommendations for enhancing transit access, efficiency, effectiveness, safety, and sustainability. Transit Mobility Program staff are adept at facilitating multi-agency groups in the development of shared transportation objectives, innovative strategies, and coordinated services.



Expertise

- Multimodal transportation planning and practices
- Urban and rural transit operations analysis
- Best practices and peer benchmarking
- Performance measures and financial analysis
- Innovative finance
- Education, training and capacity development
- Mobility management
- Accessible transportation service analysis
- Market research, communications, and outreach
- Alternative fuel research/ electric vehicles
- State of good repair and asset management
- Environmental policy and sustainability





Selected Projects

Technical Assistance Toolkits:

- City-County Transportation, 2013
- Lower Rio Grande Valley, 2013
- Public Transit Services, 2012

Outreach and On-Board Surveys:

- Omaha Metro, Onboard & Boarding and Alighting Survey, with HDR, Inc., 2013.
- Houston METRO, METROLift Moving Forward Public Outreach Assistance, 2013.
- Texas State University, On-board Survey of University Transit Services, 2012-2013.
- Regional Transit, Sacramento, CA, On-board Bus and Light-rail Passenger Survey Development, Methodology and Findings, 2011.

Leadership:

- TxDOT, Transit Leadership Initiative, 2012-2013.
- NTI/NHI Courses, Introduction to Metropolitan Transportation Planning and Introduction to Statewide Transportation Planning, Ongoing.

Performance Measurement and Mobility Management:

- Idaho Transportation Department, Statewide Mobility Management Systems Analysis & Implementation Plan, 2014.
- TxDOT, PTN-128 Performance Based Funding, 2013.
- NCHRP RRD 373, A Toolkit for Reporting Rural and Specialized Transit Data—Making Transit Count, AASHTO Standing Committee on Public Transportation, 2012.

- TxDOT, Performance Measures for Public Transit Mobility Management, 2011.
- Transportation Research Board, TCRP Report 141 - A Methodology for Performance Measurement and Peer Comparison in the Public Transportation Industry, 2010.
- TCRP Report 165, Transit Capacity and Quality of Service Manual, 3rd Edition, with Kittelson & Associates, Inc., Ongoing.

Transit Finance and Asset Management:

- NCHRP, Condition of State and Federally Funded Transit Assets, 2012-2014
- TxDOT, Managing Operating Costs for Rural and Small Urban Public Transit Systems (RMC 6694), 2011-2013.
- TxDOT, Texas Rural Transportation Plan, Rural Transit Funding Needs, 2011.
- UTCM, Impacts of Funding and Allocation Changes on Rural Transit in Texas, 2011.

Livability:

- Federal Transit Administration, Exploring Transit's Contribution to Livability in Rural Communities, 2013-2014

Inter-Agency Contracts:

- TxDOT Public Transportation Division, Inter-Agency Contract for Technical Assistance, 2012-2014.
- TxDOT, Austin District: Public Transportation Division Inter-Agency Contract for Technical Assistance, 2012-2013.

About TTI

The Texas A&M Transportation Institute, established in 1950, seeks solutions to the problems and challenges facing all modes of transportation. The Institute works on over 700 research projects with over 200 sponsors in the United States and abroad at all levels of government and in the private sector. TTI is recognized as one of the finest higher-education-affiliated transportation research agencies in the nation. TTI has saved the state and nation billions of dollars through strategies and products developed through its research program. TTI research has a proven impact — resulting in lives, time and resources saved.

TTI'S MISSION

To solve transportation problems through research, to transfer technology and to develop diverse human resources to meet the transportation challenges of tomorrow.

Contact

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