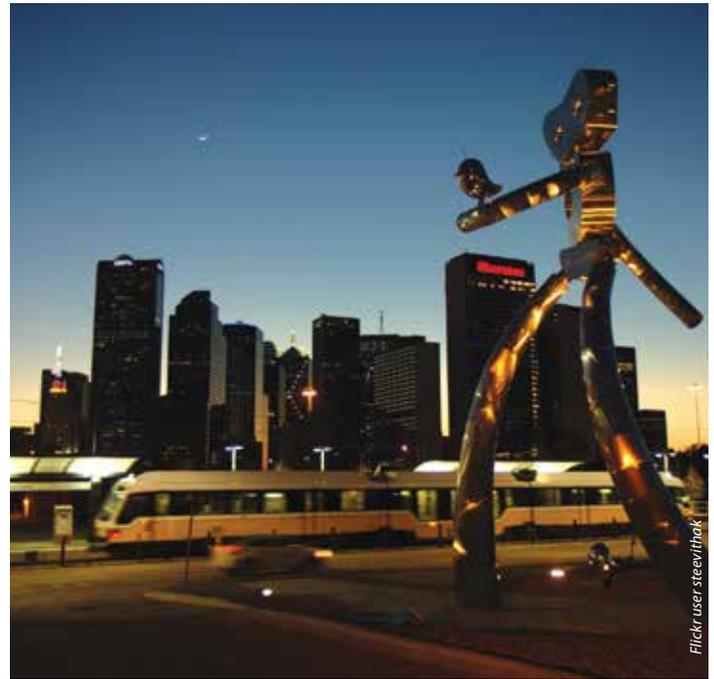


TRANSIT MOBILITY PROGRAM

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.



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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

Rail

- Gulf Coast Rail District, Freight and Commuter Rail Shared Rights-of-Way Workshop, 2013.
- Houston METRO, Ascertain the Suitability of a Proposed Collision Avoidance System for the Planned Houston METRO Light Rail Transit System, 2013.

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 Reporting

- 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.
- TCRP Report 165, Transit Capacity and Quality of Service Manual, 3rd Edition, with Kittelson & Associates, Inc., Ongoing.

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.

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.
- UTCM, Impacts of Funding and Allocation Changes on Rural Transit in Texas, 2011.
- Capital Metro (Austin) Service Expansion Policy: A Methodology for Calculating Cost by Type of Service, 2010.

Environmental Concerns

- TxDOT, Maximizing Mitigation Benefits - Making a Difference with Strategic Inter- Resource Agency Planning, 2012-2014.
- FTA, Gulf Coast Climate Change Adaptation Pilot Study, 2012-2013.
- Capital Metro, CNG Cost-Benefits Fleet Analysis, 2012.

Livability

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

Master Research Agreements

- Capital Metropolitan Transportation Authority (Capital Metro), Austin, Texas, Ongoing.
- Metropolitan Transit Authority of Harris County (METRO), Houston, Texas, Ongoing.

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.

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