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EDUCATION

Ph.D., Civil Engineering, Texas A&M University, 1987
M.Eng., Civil Engineering, Texas A&M University, 1982
B.S., Civil Engineering, Texas A&M University, 1979, cum laude

EXPERIENCE

Program Manager, Texas Transportation Institute, 1996 - Present
Research Engineer, Mobility Analysis, Texas Transportation Institute, 1992 - Present
Associate Research Engineer, Texas Transportation Institute, 1988 - 1992
Assistant Research Engineer, Texas Transportation Institute, 1983 - 1988
Engineering Research Associate, Texas Transportation Institute, 1979 - 1983

PROFESSIONAL INTERESTS

Urban Mobility
Asset Management
Performance Measurement

PROFESSIONAL REGISTRATION

Registered Professional Engineer in Texas

AFFILIATIONS

American Society of Civil Engineers
Association for Commuter Transportation
Institute of Transportation Engineers
Intelligent Transportation Society of America
Transportation Research Board (TRB), Transportation Asset Management Committee
Transportation Research Board (TRB), Regional Systems and Operations Committee
Transportation Research Board (TRB), Performance Measurement Committee
Transportation Research Board (TRB), National Data Requirements Committee

SELECTED PUBLICATIONS

M. Zhang, T.J. Lomax. Estimating Congestion Index at the Link Level with TransCAD GIS.
Paper prepared and presented at the Transportation Research Board's 85th Meeting,
Washington, DC, January 2006.

- Traffic Congestion and Reliability: Trends and Advanced Strategies for Congestion Mitigation. Prepared for the Federal Highway Administration. September 2005.
- D. Ungemah, T.J. Lomax, B. Wolfe. 2005 Update to the Travel Rate Improvement Program. Greater Houston Partnership, Houston, TX. September 2005.
- T.J. Lomax, T. Qu, K. Hall, D. Ellis, D. Perkinson, J. Benson, L.D. White, B. Bochner. The Texas Congestion Index: Concept and Methodology. Texas Transportation Institute, College Station, TX. September 2005.
- D. Schrank, T.J. Lomax. The 2005 Urban Mobility Report. Texas Transportation Institute, College Station, TX. May 2005.
- W.L. Eisele, T.J. Lomax, D. Schrank. The Keys to Estimating Mobility in Urban Areas. Applying Definitions and Measures that Everyone Understands. Texas Transportation Institute, College Station, TX. May 2005.
- W.L. Eisele, T.J. Lomax, B.J. Gregor, R.D. Arnold. Developing and Implementing Statewide Operations Performance Measures in the State of Oregon: Methodology and Application for Using HERS-ST and Archived Real-time Data. Paper prepared and presented at the Transportation Research Board's 84th Meeting, Washington, DC, January 2005. Available at: <http://mobility.tamu.edu/resources>.
- T.J. Lomax. Incorporating the Effect of Operational Improvements in the Texas Congestion Index Estimation Process, Implementation Report 5-4853-01-1. Texas Transportation Institute, College Station, TX. February 2005.
- S.M. Turner, R. Margiotta, T.J. Lomax. Lessons Learned: Monitoring Highway Congestion and Reliability Using Archived Traffic Detector Data. Compendium of Technical Papers: ITE 2005 Technical Conference and Exhibit, February 2005.
- S.M. Turner, R. Margiotta, T. Lomax. Monitoring Urban Freeways in 2003: Current Conditions and Trends from Archived Operations Data. Report FHWA-HOP-05-018. Federal Highway Administration, December 2004, 58 pp.
- D. Schrank, T.J. Lomax. The 2004 Urban Mobility Report. Texas Transportation Institute, College Station, TX. September 2004.
- T.J. Lomax, S.M. Turner, R. Margiotta. Monitoring Urban Roadways in 2002: Using Archived Operations Data for Reliability and Mobility Measurement. Report FHWA-HOP-04-011. Federal Highway Administration, March 2004, 72 pp.
- W.L. Eisele, T.J. Lomax. *ODOT Operations Performance Measures: Final Report*. Sponsored by the Oregon Department of Transportation, June 2004. Available at: <http://mobility.tamu.edu/resources>.
- T.J. Lomax, S.M. Turner, R. Margiotta. Monitoring Urban Roadways in 2001: Examining Reliability and Mobility with Archived Data. Report FHWA-OP-03-041. Federal Highway Administration, June 2003, 64 pp.
- T.J. Lomax, D. Schrank, S.M. Turner, R. Margiotta. Selecting Travel Reliability Measures. Texas Transportation Institute, May 2003, 48 pp.
- The Governor's Business Council Transportation Task Force. Texas' Roadways – Texas' Future: A Look at the Next 25 Years of Roadway Supply, Demand, Cost and Benefits. March 2003.
- T.J. Lomax, S.M. Turner, M. Hallenbeck, C. Boon, R. Margiotta, A. O'Brien. Traffic Congestion and Travel Reliability: How Bad Is the Situation and What Is Being Done About It? Report No. FHWA-OP-02-039, Federal Highway Administration, September 2002.
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- T.J. Lomax, D.L. Schrank. Using Travel Time Measures to Estimate Mobility and Reliability in Urban Areas, Research Report 9-1511-3. Texas Transportation Institute, College Station, TX. March 2002.
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- S.R. Vadali, W.R. Stockton, T.J. Lomax, V.F. Daniels, L.R. Rilett, D.A. Skowronek, R.J. Benz. High Occupancy Toll Lanes Feasibility and Guidelines for Texas, Report. Texas Transportation Institute, College Station, TX. August 1999.
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- T.J. Lomax, G.B. Dresser, D.R. Ellis, T.L. Glenn, Z.A. Goff, A.C. Horton, K.F. Turnbull. Refinancing Texas Transportation, Research Summary 1728-S Vol. 1. Texas Transportation Institute, College Station, TX. June 1998.
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- T.J. Lomax. Mexican Presence on U.S. Highways After the 17th of December 1995: Workshop Proceedings, TTI/ITS RCE-97/04. Texas Transportation Institute, College Station, TX. April 1997.
- T.J. Lomax, S.M. Turner, G.A. Shunk, H.S. Levinson, R.H. Pratt, P.N. Bay, G.B. Douglas. Quantifying Congestion Volume 1 Final Report, NCHRP Report 398 Vol. 1. Transportation Research Board, Washington, DC. 1997.
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- T.J. Lomax. Transitway Width Assessment, Research Report 339-3. Project No. 339. Texas Transportation Institute, College Station, TX. November 1984.
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- D.L. Christiansen, T.J. Lomax. Priority Treatment for High Occupancy Vehicles on the North Panam Freeway, San Antonio -- A Feasibility Study, Research Report 205-12. Texas Transportation Institute, College Station, TX. July 1980.
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