



### *Professional Background*

My career at TTI began in 1995, and I have held positions of increasing responsibility within TTI's Mobility Analysis Program. I am currently a Senior Research Engineer and Program Manager of the Mobility Analysis Program. Our group addresses a range of mobility issues, from measuring the problems to estimating the benefits and evaluating solutions. Our work not only provides the public a better idea of how transportation systems operate, but also provides agencies with better data to improve operations strategies and resource allocation. Through this work, I have become a recognized expert in the areas of mobility analysis, freight mobility, urban freight, performance measurement, and access management. I am a co-author of TTI's often-cited *Urban Mobility Scorecard*, which provides mobility statistics for urban areas throughout the United States, including truck delay and associated truck costs. I am a registered professional engineer in Texas and Michigan. I am a Visiting Associate Professor in the Department of Landscape Architecture and Urban Planning in the College of Architecture at Texas A&M University (TAMU), and I serve on the TAMU Graduate Faculty. Selected recent/on-going projects include:



- Principal investigator on an FHWA Pooled Fund Study of 15 states and FHWA entitled Mobility Measurement in Urban Transportation where my team and I provide technical assistance on mobility and reliability performance measures, data and related issue. Freight-related tasks have included summarizing, identifying, communicating, and implementing freight performance measures for urban areas.
- Co-Principal investigator on NCHRP Project 08-98 developing a Guidebook for Identifying, Classifying, Evaluating, and Mitigating Truck Freight Bottlenecks.
- Principal investigator on a project for the Maryland Department of Transportation-State Highway Administration to implement freight fluidity in the state of Maryland, including the development of a definition, framework, preliminary indicators, and results to track the performance of goods from origin to destination.
- Provided technical assistance on an FHWA project entitled "Freight Performance Measure Approaches for Bottlenecks, Arterials, and Linking Volumes to Congestion."

### *TRB Involvement*

I have been fortunate to be involved with TRB for my entire professional career. I've been to 17 annual meetings (my first in 1993 as a student). I've been a very active member on several committees holding leadership roles over the last 12 years, and prior to membership I was a very active friend on some of these committees since I started at TTI. I have been a member of the HOV Systems/Managed Lanes committee (2004-2010), Statewide Data Committee (2005-2010), Access Management Committee (2006-2015) and the Urban Freight Transportation Committee (2012-present). I currently serve as the Urban Freight Committee Vice Chair, and I have served as a session coordinator, committee research coordinator, and TSP update co-chair in the past. I've made many dear friends and colleagues through TRB over the years, and I really enjoy the comradery and everything TRB stands for. It's a great institution, and I enjoy volunteering my time to the organization and its mission.

### *Personal Note*

When Bill isn't tackling urban freight and other transportation problems, he enjoys spending time with his wife Amanda and two boys (Zachary and Joshua).

### *Contact Information*

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