



Transit State of Good Repair Track Highlights

10th National Conference on Transportation Asset Management

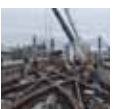
April 28–30, 2014
Miami, Florida

www.trb.org/conferences/AssetManagement2014.aspx

Conference at a Glance

	Monday, April 28	Tuesday, April 29	Wednesday, April 30	Thursday, May 1
8:00 AM				
8:30 AM				AASHTO Peer Exchange
9:00 AM	Workshops (5)	Breakout Sessions	Breakout Sessions	
9:30 AM				
10:00 AM				
10:30 AM				
11:00 AM		Breakout Sessions	Closing Session	
11:30 AM				
12:00 PM		Luncheon		
12:30 PM				
1:00 PM	Opening Session			
1:30 PM		Breakout Sessions		
2:00 PM				
2:30 PM			Joint Meeting: TRB Asset Management Committee and AASHTO Subcommittee	
3:00 PM				
3:30 PM				
4:00 PM	Breakout Sessions	Breakout Sessions		
4:30 PM				
5:00 PM				
5:30 PM	Posters and Reception			
6:00 PM				
6:30 PM				
7:00 PM				

April 26–May 1, 2014



The 10th National Transportation Asset Management Conference will cover a broad range of topics on surface transportation modes of interest to diverse transportation agencies in all stages of implementation of asset management practices. This meeting will serve as the forum for shifting into practice asset management initiatives from the Moving Ahead for Progress in the 21st Century Act (MAP-21) and as the venue for federal, state, local, and transit agencies; metropolitan planning organizations; and private-sector practitioners and university researchers to share knowledge, sponsor peer-to-peer learning, and work together.

—Jason Bittner, *Conference Planning Committee Chair*
University of South Florida

Dear Transit Professionals,

On behalf of the conference planning committee, I would like to invite you to attend the Transportation Research Board's 10th National Transportation Asset Management Conference. It will include a full track of sessions on topics of interest to the public transportation community.

The Transit State of Good Repair track was developed with the goal of building upon the dialogue from past Federal Transit Administration state of good repair roundtables, American Public Transportation Association meetings and standards development, and TRB conferences. Conference speakers will share strategies for developing practical solutions for transit asset management. Presentations will demonstrate how an asset management program can improve an agency's business processes and can provide the data necessary to develop a state of good repair program. One session, cosponsored by the Adaptation to Extreme Weather Events and Climate Change track, will explore the integration of climate adaptation procedures into an agency's transit asset management program.

The preliminary sessions for the Transit State of Good Repair track are provided below. The entire conference program is available on the conference website, www.trb.org/conferences/AssetManagement2014.aspx. If you have any questions about the conference, please contact me. I look forward to meeting you in Miami!



Zale

—Laura J. Zale, *Transit State of Good Repair Track Chair*
Southeastern Pennsylvania Transportation Authority

Transit State of Good Repair Track Planning Committee

Laura J. Zale, Southeastern Pennsylvania Transportation Authority, *Chair*
Sandy Amores, Miami-Dade Transit
William Robert, Spy Pond Partners, LLC
David Springstead, Metropolitan Atlanta Rapid Transit Authority

Liaison

Brian Alberts, Federal Transit Administration

TRB Contact

Jennifer L. Weeks

April 28-30, 2014



SESSIONS

Monday, April 28

8:30 a.m.–noon

Workshop: Introduction to Transportation Asset Management

Sue McNeil, University of Delaware, *presiding*

This workshop will provide a foundation for practitioners to understand transportation asset management (TAM) and what it means for their organizations. State department of transportation (DOT), transit agency, and multimodal organization perspectives will be presented. Topics include resources and tools available to support asset management and practical steps to implementation.

State DOT Perspective

Shante Hastings, Delaware DOT

Transit Agency Perspective

Jeffrey Knueppel and Laura J. Zale, Southeastern Pennsylvania Transportation Authority (SEPTA)

Multimodal Organization Perspective

Stephanie Dawson, Port Authority of New York and New Jersey

1:00 p.m.–3:00 p.m.

General Opening Session: And We're Off—Why We're Here Again

Jason J. Bittner, University of South Florida, *presiding*

Welcome

Ananth K. Prasad, Secretary, Florida DOT

Importance of Transportation Asset Management to States

Michael W. Hancock, Secretary, Kentucky Transportation Cabinet

Importance of Transportation Asset Management to FHWA

Victor Mendez, Administrator, Federal Highway Administration (FHWA)

Importance of the State of Good Repair to the Transit Community

John D. Giorgis, National Transit Database Program Manager, Federal Transit Administration (FTA)

Integrating Extreme Weather and Climate Change into Transportation Asset Management

Kevin Walsh, Director of Environmental Services, Massachusetts DOT

3:30 p.m.–5:00 p.m.

How Did We Get Here? Establishing the Context for Transit Asset Management

David Rose, Parsons Brinckerhoff, *presiding*

This informal session establishes the context of transit asset management from a regulatory perspective. FTA representatives will present updates on national transit asset management initiatives, including an overview of comments received for the Advanced Notice of Proposed Rulemaking for MAP-21. American Public Transit Association (APTA) representatives also will provide updates on their development of transit asset management standards.

Federal Policy and Rulemaking on Transit State of Good Repair

John D. Giorgis, FTA

Update to APTA Standards on Transit State of Good Repair

Richard Weaver, APTA

Asset Management for Statewide Transit Resources: AASHTO Perspective

Shayne Gill and Jillian Linnell, American Association of State Highway and Transportation Officials (AASHTO)

Transportation Asset Management for Rural and Community Public Transportation Agencies

Charles H. Dickson, Community Transportation Association of America, Inc.



Tuesday, April 29

8:30 a.m.–10:00 a.m.

Getting Started: Tools and Technology for Transit Asset Management

Kyle Nicholson, Parsons, *presiding*

Selection and implementation of appropriate tools are integral to a successful asset management program, but the number and variety of available tools can make selection difficult. It is necessary to understand agency processes and objectives when defining a scope for tool procurement or development. This session provides an overview of available tools and evaluation criteria for selecting and procuring tools that best fit an agency's needs.

Development of Transit Asset Management Plan Guidance and Tools for Supporting MAP-21 Requirements

William E. Robert, Spy Pond Partners, LLC

Transit Economic Requirements Model (TERM): The TRB Review of TERM and What It Means for Transit Agencies

Richard S. Laver, CH2M Hill; John D. Giorgis, FTA

Utah's Comprehensive Transit Asset Management System

Paul Edwards, Utah Transit Authority; Jeremy Shaffer, Bentley Systems, Inc.

Description of the Prioritization Methodologies Used by the MBTA State of Good Repair Database and the Decision Support Tool for the MBTA Capital Investment Program

Robert Guptill and Victor Rivas, Massachusetts Bay Transportation Authority (MBTA)

10:30 a.m.–noon

Transit Asset Management and Climate Adaptation (with State of Good Repair)

Brian Alberts, FTA, *presiding*

This session presents specific transit case study examples of experiences, applied strategies, and lessons learned by asset managers, planners, and maintenance and operations staff in assessing vulnerabilities and adapting to climate change and extreme weather events. Several of the presentations will draw on the experience of participants in the FTA Climate Adaptation Pilot Program.

Adapting to Climate Change Through Asset Management Planning

David M. Springstead, Metropolitan Atlanta Rapid Transit Authority (MARTA)

Climate Vulnerability and Transit-Dependent Populations

Emmanuel Liban, Los Angeles County Metropolitan Transportation Authority

Vulnerability and Risk Assessment of SEPTA's Regional Rail: Steps to Ensure Sustainability and Resiliency

Anne Choate, ICF International

Measuring Transportation System Resilience: Response of Rail Transit to Weather Disruptions

Raymond Chan and Joseph L. Schofer, Northwestern University

1:30 p.m.–3:00 p.m.

Establishing Progress: Performance Measures for Transit Asset Management

David M. Springstead, MARTA, *presiding*

Condition and performance monitoring are critical foundations of transit asset management. Performance measures provide a framework for discussing the impacts of investment decisions on assets. This session provides an overview of performance measures to consider when developing an asset management plan and procedures, with presentations on incorporating risk, reliability, and safety into asset management plans.

Risk-Based Transit Condition Assessment and Investment Prioritization Approach for Asset Management

Carlos Alvarado and Richard Laver, CH2M Hill

Stretching Your Budget and Your Assets with a Reliability Centered Maintenance Program

Robert Giacobbe, Accenture

Building Sustainable Asset Management at Bay Area Rapid Transit

Patricia Bugas-Schramm, PBS Consulting, Inc.; Frank Ruffa, San Francisco Bay Area Rapid Transit District

Use of Performance Measures by Long Beach Transit

Rolando Cruz, Long Beach Transit

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3:30 p.m.–5:00 p.m.

Creating Your Road Map: Implementation Strategies for Transit Agencies

Richard S. Laver, CH2M Hill, *presiding*

This session provides an overview of transit asset management implementation strategies, pitfalls to avoid, and emerging success factors. Agency representatives will describe the asset management implementation at the asset class and maintenance levels. The session also includes a discussion of life cycle cost management.

GAO's Analysis on Transit Asset Management Leading Practices and Capital Investment Effects

Tina Paek, U.S. Government Accountability Office

Asset Management and State of Good Repair: Converting Data into Information to Help You Manage Your Assets, RTD's Path to Installing an Asset Management Program

Jim Sutton and Lou Cripps, Denver Regional Transportation District

Lessons Learned in the Implementation of the FTA Asset Management Guide

David Rose, Parsons Brinckerhoff

Lessons Learned: WMATA

Joe Grey, Washington Metropolitan Area Transit Authority (WMATA)

Lessons Learned at the Operating Level

Salvador Llamas, AC Transit

Wednesday, April 30

8:30 a.m.–10:00 a.m.

Oh, the Places You'll Go: Incorporating TAM Into Your Agency's Process

Robert L. Peskin, AECOM, *presiding*

A successful transit asset management program allows an agency to develop capital improvement strategies based on asset needs. The development of these programs requires the dedication of resources and support at all levels of the agency. Agency representatives will discuss organizational and resource needs, integration of asset management into the capital improvement process, and the cultural change required to support asset management.

Implementing an Asset Management Program at a Legacy Transit System During a Capital Funding Crisis

Laura J. Zale and Jeffrey Knueppel, SEPTA

Beginning an Asset Management Program: Perspectives of a Growing Agency

Paul Edwards, Utah Transit Authority; Benjamin D. Witter, Bentley Systems, Inc.

RTA Annual Reporting Process

Yonel Grant, CH2M Hill; John Goodworth, Chicago Regional Transportation Authority

Asset Management at the New York MTA

Stephen A. Berrang, New York Metropolitan Transportation Authority

10:30 a.m.–noon

General Closing Session: Are We There Yet? Transportation Asset Management Is Here to Stay

Jason J. Bittner, University of South Florida, *presiding*

Asset Management Plans

Michael Bridges, Louisiana Department of Transportation and Development

Implementation Within and Across Organizations

Kathryn A. Zimmerman, Applied Pavement Technology, Inc.

Tools and Technology to Assist Decision Making

Matthew Hardy, AASHTO

Performance Measures for Asset Management

Transit State of Good Repair

Laura J. Zale, SEPTA

Adaptation to Extreme Weather Events and Climate Change

Robert Kafalenos, FHWA



Conference Tracks

In addition to the Transit State of Good Repair Track, the conference offers the following program tracks:

- **Establishing, Using, and Monitoring Asset Management Plans**

Michael Bridges, Louisiana DOTD, *Track Leader*

This track assists attendees in developing a required plan to meet the MAP-21 mandate and in identifying ways to use the plans to improve existing practices.

- **Implementation Within and Across Organizations**

Katie Zimmerman, Applied Pavement Technology, Inc., *Track Leader*

The objective for this track is to understand and overcome barriers to implementation within a single organization as well as across organizations.

- **Tools and Technology to Assist Decision Making**

Matthew H. Hardy, AASHTO, *Track Leader*

Highlights of this track are implemented and emerging practices, methods, and tools.

- **Performance Measures for Asset Management**

Matthew Haubrich, Iowa DOT, and Tim Lattner, Florida DOT, *Track Leaders*

This track identifies emerging practices in the use and implementation of performance measures for asset management.

- **Adaptation to Extreme Weather Events and Climate Change**

Robert Kafalenos, FHWA, *Track Leader*

Addressed in this track are the ways in which climate change and extreme weather events could affect transportation activities in the future and how to prepare.

Registration Fees

	Early Bird	Advance	Regular
	<i>By</i>	<i>By</i>	<i>After</i>
	<i>January 31, 2014</i>	<i>March 31, 2014</i>	<i>March 31, 2014</i>
General	\$440	\$490	\$540
Speaker and TRB Sponsor	\$340	\$390	\$440
Student	\$175	\$225	\$275

Hotel Information

Make your reservation for the TRB special rate of \$138 (prevailing per diem) plus current tax of 13 percent. Group block expires March 31, 2014. Rooms may be at a higher rate after this date and are subject to availability.

Hyatt Regency Miami

400 South East Second Avenue
Miami, Florida 33131
305-358-1234

Contacts

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April 28-30, 2014



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