



Tenth Conference on

TRANSIT STATE OF GOOD REPAIR

March 09-10, 2022

JW Marriott Washington, DC.

Hosted by:

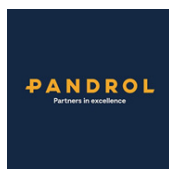
Global **Mass Transit**

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BACKGROUND

Transit state of good repair (SGR) and transit asset management (TAM) are in the spotlight with the Infrastructure Investment and Jobs Act signed. The Act appears to allocate nearly USD23 billion in SGR funding and overall funding of USD108 billion to modernize transit systems. The government has recognized a repair backlog of USD105 billion and the need to replace 24,000 buses and 5,000 rail cars, re-develop 200 transit and rail stations, and modernize tracks, signals and power systems. With the new funding in place, transit agencies are expected to strengthen the focus on SGR and TAM, deploy new technologies and leverage data for effective asset management, train workforce and emphasize organizational capacity development, and undertake lifecycle analysis. This will enable transit agencies to manage risk, minimize costs, and maximize the performance of assets as well as operate transit systems safely, efficiently, reliably, and sustainably.

To continue the discussion on SGR and TAM, **Global Mass Transit** is organizing the **Tenth Edition of the Transit State of Good Repair conference on March 09-10, 2022 at JW Marriott Washington, DC.**

MISSION

The mission of the conference is to explore new opportunities for agencies implementing TAM and achieving SGR with the funding available until FY2026. The conference will provide a platform for discussion among transit agencies, federal, state and local governments, technology and solution providers, and consultants on SGR, TAM, condition-based, performance-based and predictive maintenance, lifecycle management, data capture and analysis, new technologies in asset management, organizational capacity development and workforce training, and the role of data and analytics. It will also showcase best practices in achieving SGR, developing and implementing TAM plans, and the deploying the latest technologies.

Key topics to be explored

- New SGR funding, Infrastructure Investment and Jobs Act
- Needs and requirements to access this funding
- Role of data and new technologies
- Experience so far, case studies, and SGR best practices
- SGR during the pandemic and resilience of transit agencies
- Latest standards and guidance available for TAM and SGR
- Updating TAM plans by October 2022
- Recent successes and challenges related to TAM
- Impact of integration of new technologies on TAM practices
- Leveraging data and gaining maximum value from data collection, storage, processing, and presentation
- Technologies and techniques for data and analytics (drones, sensors, IoT, AI, etc.)
- Lifecycle analysis, whole lifecycle costs and strategies
- Fleet replacement, funding available, challenges
- Preventive and predictive maintenance
- Capital planning and investment prioritization
- Measuring performance towards SGR
- Organizational capacity development, workforce training

Agenda: Day 1

Day 1: Wednesday, March 9, 2022, Eastern time

Time (ET)	Session	Topics	Speaker
8:00-9:00	Registration, Tea/Coffee and Networking		
9:00-9:15	Welcome Remarks	Welcome remarks & mission of the conference	Global Mass Transit
9:15-10:15	Session 1: Opening Keynote Address on Accelerating Renewal and Modernization of Transit: New SGR Funding	- Infrastructure Investment and Jobs Act and SGR funding - Renewal, repair and modernization of assets - Needs and requirements to access this funding - Role of data and new technologies - Organizational capacity development, workforce training	Panel discussion amongst: - Holly Arnold, Administrator and CEO, Maryland Department of Transportation Maryland Transit Administration - Jamie Torres-Springer, President, MTA Construction & Development Moderator: Jeffrey Bennett, Director of Business Development Passenger & Emerging Technologies, Transportation Technology Center, Inc.
10:15-10:45	Session 2: FTA Perspective: Policies, Programs and Funding	- FTA updates, upcoming deadlines and resources - Expectations from and requirements for the 2022 TAM plan update - Incorporating lifecycle analysis - Incorporating new technologies, FTA support - Performance measures	Presentation by: - Jeffrey F. Boothe, President, Boothe Transit Consulting Moderator: Robert Peskin, Senior Consulting Manager, AECOM
10:45-11:15	Tea/Coffee and Networking break		
11:15-12:30	Session 3: Updating Agency TAM Plans	- Experience so far, key challenges - Lessons learned and best practices - Role of investment prioritization processes and decision support tools - Incorporating risks into TAM plans - Best practices in aligning TAM and safety plans - Incorporating new technologies	Presentations by: - Bruce Abanathie, Principal Transportation Planner, Program Manager - Transportation Asset Management, Santa Clara VTA - Emily Burns, Asset Management Strategic Advisor, Seattle DOT - Curtis Moses, Director Safety, Security & Risk Management, Santa Cruz Metro Moderator: Chris Heald, Regional Director, Network Rail Consulting
12:30-13:30	Lunch and Networking		
13:30-14:30	Session 4: Transit Agency SGR Perspective: Experience So Far and Best Practices	- Experience so far, reducing SGR backlog, lessons learned and best practices - Needs and requirements - SGR during challenging times, resilient transit - TAM plans, benefits - Role and impact of new technologies	Panel discussion amongst: - David Huffaker, Chief Development Officer, Port Authority of Allegheny County - Kevin McCann, COO and Deputy Executive Director of Operations, Metra - Manjeet Ranu, Chief Capital Programs, Expansion & Innovation, MARTA Moderator: Robert Peskin, Senior Consulting Manager, AECOM
14:30-15:30	Session 5: Spotlight on Data and Analytics	- Maintaining TAM data in Enterprise Asset Management system by Trapeze Group - AI and data analytics enabling predictive maintenance; role of digital solutions in asset management; and the relationship between RCM and the IoT by Siemens Mobility, Inc - Asset Management: Old School Challenges Vs. Modern Demands by FASTER Asset Solutions	Presentations by: - Satpal Bamrah, Solutions Engineering, Trapeze Group - Simon Davidoff, VP Business Development, Digital Transit, Siemens Mobility, Inc - Mitch Skyer, Senior Vice President Business Development, FASTER Asset Solutions Moderator: Gretchen Newcomb, Director, Community & Partnerships, North America & Australasia, MobilityData IO
15:30-16:45	Session 6: SGR Case Studies and Best Practices	- SGR best practices by WMATA - Capital planning, investment prioritization, key challenges, lessons learned and future plans by Capital Metro - Evolving from the State of Good Repair to reliable and sustainable operations by Hexagon PPM - Creating a process to enhance SGR project communication and development by Utah Transit Authority	Presentations by: - Jordan Holt, Director of Performance, Office of Transit Performance Management, WMATA - Susan Mwangi, Manager, Transit Asset Management & Inventory, Capital Metropolitan Transportation Authority - Kevin Price, VP of EAM Segment – Portfolio, Strategy & Enablement (PSE) Technical Product Evangelist, Hexagon PPM - Pamela V. Thrasher, State of Good Repair Supervisor, Utah Transit Authority Moderator: William Robert, Vice President, Spy Pond Partners, LLC
16:45	Close of Day 1		

Agenda: Day 2

Day 2: Thursday, March 10, 2022, Eastern time

Time (ET)	Session	Topics	Speaker
8:00-9:00	Reception and Remarks		
9:00-10:00	Session 7: Rolling Stock Asset Management	- Enabling a condition-based maintenance strategy through wayside pantograph monitoring, challenges being faced by railways in shifting from time to condition-based maintenance, strategic deployment of systems for maximum benefit, and using data for decision making by Camlin Rail - Rolling stock TAM implementation and SGR improvements, rail vehicle replacement and maintenance, rolling stock asset management planning, wayside condition monitoring, IoT asset management solutions, efficiency enhancements such as regenerative braking and HVAC systems and refurbishment and life extension by DART - Overhaul or modernization alternatives for transit agencies' power electronics, SGR for rolling stock's power electronics systems, and combining SGR goals with the recent infrastructure initiatives and funding by AmePower	Presentations by: - Philip Heaney, Product Manager, Camlin Rail - Kady Muteba, Project Manager IV, Dallas Area Rapid Transit (DART) - Alex Rosales, Business Development Engineer, AmePower Moderator: Robert Peskin, Senior Consulting Manager, AECOM
10:00-11:15	Session 8: Track and Railway Systems Maintenance	- Enterprise asset management programs to maintain LRT systems, utilizing EAM to maintain infrastructure through preventative maintenance and asset replacement by Port Authority of Allegheny County - How Track SOGR Can Benefit from New Train Control Technology by Network Rail Consulting - OnTrack: a system for predicting track maintenance needs and remaining life using acoustic data by Spy Pond Partners - Sustainable Resilient Systems by Pandrol	Presentations by: - Benjamin Claus, Manager of Power and LRT Rail Systems, Port Authority of Allegheny County - Andrew Mitchem, Associate Director, Network Rail Consulting - William Robert, Vice President, Spy Pond Partners, LLC - Scott Tripple, Fastenings and SRS leader, Pandrol Moderator: Chris Heald, Regional Director, Network Rail Consulting
11:15-11:45	Tea/Coffee and Networking break		
11:45-12:10	Session 9: Modernizing Fare Systems	- Planning the transition from legacy systems, repurposing existing equipment - Integrating mobile ticketing, MaaS, cloud accounts - Data reporting for transit operations efficiency	Presentation by: - Sheri Dixon, Director of Revenue, Hampton Roads Transit Moderator: Zachary Karson, Manager, Rebel Group
12:10-13:25	Session 10: Bus/BRT Maintenance Programs, Solutions and Strategies	- Impact of the TAM Rule on replacement plans and future impact by AECOM - Upcoming BRT project in Montgomery County by Montgomery County DOT - Bus Life Cycle Cost Modeling and its use in capital and maintenance budget planning as well as importance of prioritizing investment decisions using actual data with the introduction of the new transportation bill by NYCT - Lean Transit Asset Management by Maryland Transit Administration	Presentations by: - Scott Baker, Senior Consulting Manager, AECOM - Dan Hibbert, Division Chief, Ride On, Department of Transportation, Division of Transit Services, Montgomery County DOT - Sapna Shah, Transit Asset Manager and Reliability Engineer, MTA New York City Transit (NYCT) - David A. Varner, Director of Bus Maintenance, Maryland Transit Administration Moderator: Kevin Price, VP of EAM Segment – Portfolio, Strategy & Enablement (PSE) Technical Product Evangelist, Hexagon PPM
13:25	Close of Conference		
13:25-14:30	Lunch and Networking		

CONFIRMED SPEAKERS SO FAR



HOLLY ARNOLD
Administrator
Maryland Department of
Transportation Maryland Transit
Administration (MDOT MTA)



JAMIE TORRES-SPRINGER
President
MTA Construction & Development



MANJEET RANU
Chief Capital Programs
Expansion & Innovation
Metropolitan Atlanta Rapid
Transit Authority (MARTA)



KEVIN MCCANN
Chief Operating Officer and
Deputy Executive Director of
Operations
Metra



JORDAN HOLT
Director of Performance
Office of Transit Performance
Management
Washington Metropolitan Area
Transit Authority



DAVID HUFFAKER
Chief Development Officer
Port Authority of
Allegheny County



DAN HIBBERT
Division Chief, Ride On
Department of Transportation
Division of Transit Services
Montgomery County DOT



SHERI DIXON
Director of Revenue
Hampton Roads Transit



DAVID A. VARNER
Director of Bus Maintenance
Maryland Transit Administration



BRUCE ABANATHIE
Principal Transportation Planner
Program Manager - Transportation
Asset Management
Santa Clara VTA



CURTIS MOSES
Safety, Security
Risk Management Director
Santa Cruz MTD



EMILY M. BURNS
Asset Management Strategic
Advisor
Seattle DOT



SAPNA SHAH
Superintendent
Reliability-Based Maintenance
NYCT Department of Buses



BENJAMIN CLAUS
Manager of Power and
LRT Rail Systems
Port Authority of Allegheny
County



SUSAN MWANGI
Transit Asset Management &
Inventory
Capital Metropolitan
Transportation Authority



PAMELA V. THRASHER
State of Good Repair Supervisor
Utah Transit Authority



KADY MUTEBA
Project Manager IV
DART



JEFFREY F. BOOTHE
President
Boothe Transit Consulting



SIMON DAVIDOFF
VP Business Development
Digital Transit
Siemens Mobility, Inc.



WILLIAM ROBERT
Vice President
Spy Pond Partners



SCOTT BAKER
Senior Consulting Manager
AECOM



ANDREW MITCHEM
Associate Vice President
Network Rail Consulting



KEVIN PRICE
VP of EAM Segment – Portfolio
Strategy & Enablement (PSE) |
Technical Product Evangelist
Hexagon PPM



MITCH SKYER
Senior VP of Business
Development
FASTER Asset Solutions



GRETCHEN NEWCOMB
Director
Community & Partnerships
North America & Australasia
MobilityData IO



JEFFREY BENNETT
Director of Business Development
Passenger & Emerging Technologies
**Transportation Technology Center,
Inc.**



CHRIS HEALD
Regional Director
Network Rail Consulting



ROBERT L. PESKIN
Senior Consulting Manager
AECOM



SATPAL BAMRAH
Solutions Engineering
Trapeze Group



PHILIP HEANEY
Product Manager
Camlin Rail



SCOTT TRIPPLE
Fastenings and
SRS Leader
Pandrol



ALEX ROSALES
Business Development Engineer
AmePower



ZACHARY KARSON
Manager
Rebel Group

PARTICIPATING ORGANIZATIONS

Key confirmed participating organizations include:

AECOM, Alstom, Amsted Rail, ATS Consulting, BBM Railway Equipment, BITZER U.S, Boothe Transit Consulting, Camlin Rail, Capital Metro, City of Fresno, Clever Devices, Cubic Transportation Systems, DART, Electro-Techno, Fenton Mobility Products, Frauscher Sensor Technology, Georgia Department of Transportation, Global Traffic Technologies, Hampton Roads Transit, Hatch LTK, Hexagon, Hexagon PPM (Infor), Hitachi Rail STS, HNTB Corporation, King County Metro Transit, Kitsap Transit, Lane Transit District, Loram Maintenance of Way, Macon-Bibb County Transit Authority, March Networks, Maryland Department of Transportation Maryland Transit Administration, Massachusetts Bay Transportation Authority, Metra, Metrolink, Metropolitan Atlanta Rapid Transit Authority, MobilityData, Montgomery County DOT, Network Rail Consulting, Niagara Frontier Transportation Authority, NOKIA Bell Labs, North Central Texas Council of Governments, NYCT Department of Buses, Omni Strategy, LLC, Parsons, Pandrol, Penn Machine Company LLC, Pierce Transit, Port Authority of Allegheny County, Port Authority NY NJ, Powell Electrical Systems, RELAM, Rhombus Energy Solutions, RL Controls, Santa Clara Valley Transportation Authority, Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Spy Pond Partners, Stacy and Witbeck, Services, Tahoe Transportation District, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, Utah Transit Authority, Virginia DRPT, WABTEC, WMATA, etc.LLC, Parsons, Pandrol, Penn Machine Company LLC, Pierce Transit, Port Authority of Allegheny County, Port Authority NY NJ, Powell Electrical Systems, RELAM, Rhombus Energy Solutions, RL Controls, Santa Clara Valley Transportation Authority, Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Spy Pond Partners, Stacy and Witbeck, Services, Tahoe Transportation District, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, Utah Transit Authority, Virginia DRPT, WABTEC, WMATA, etc.LLC, Parsons, Pandrol, Penn Machine Company LLC, Pierce Transit, Port Authority of Allegheny County, Port Authority NY NJ, Powell Electrical Systems, RELAM, Rhombus Energy Solutions, RL Controls, Santa Clara Valley Transportation Authority, Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Spy Pond Partners, Stacy and Witbeck, Services, Tahoe Transportation District, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, Utah Transit Authority, Virginia DRPT, WABTEC, WMATA, etc.Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Spy Pond Partners, Stacy and Witbeck, Services, Tahoe Transportation District, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, Utah Transit Authority, Virginia DRPT, WABTEC, WMATA, etc.Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Spy Pond Partners, Stacy and Witbeck, Services, Tahoe Transportation District, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, Utah Transit Authority, Virginia DRPT, WABTEC, WMATA, etc.

ORGANIZERS

Global Mass Transit is a leading provider of information and analysis on the global mass transit industry. We publish a monthly market intelligence report (Global Mass Transit Report), a weekly newsletter (Global Mass Transit Weekly) and operate www.globalmasstransit.net (website)

We publish multi-client research studies and undertake custom research assignments. Global Mass Transit tracks developments in over 100 countries across all regions to ensure reliable and actionable research. Some of our leading research reports are Mobility-as-a-Service Initiatives and Opportunities in 100 Cities; Global Transit Ticketing & Fare Collection Report and Database 2021–2030; NFC Mobile Ticketing for Transit 2021–2030; Global 1,000 Upcoming Rail Projects Report & Database 2020–2035; Global Metro Rail Projects Report and Database 2020–2035; Global Light Rail Projects Report and Database 2020–2035; Investment and CAPEX Plans of Transit Authorities/Agencies 2019–2030; and Europe Urban Bus Market Outlook Report 2017–2030.

Global Mass Transit also organises conferences on topical and crucial issues with focused sessions and discussions featuring speakers with vast experience and expertise in the US, Europe, Asia and the Middle East. Some of our past conferences include Clean Buses in Europe, Mobility-as-a-Service (MaaS) in the US, Autonomous Vehicles & Public Transport in the US, Data-driven Urban Mobility in Europe, Mobility on Demand in Transit, Transit Ticketing & Fare Collection in Europe, Blockchain in Mass Transit in Europe and Wireless Communications in Transit. These conferences received a strong response from speakers and delegates alike.

We have been serving over 300 clients since 2009. Our clients include leading organisations across the world such as ABB, Accenture, Access IS, Agence Métropolitaine de Transport (AMT), Apple Pay, Arriva Nederland, Auckland Transport, Aurecon, Autoritat de Transport Metropolità (ATM), Bangkok Payment Solutions Company Limited, Bombardier Transportation, Bosch GmbH, Conduent Business Solutions (France) SAS, Confederation of Passenger Transport, Confidex, Cubic Transportation Systems, DB Engineering & Consulting GmbH, DB Stadtverkehr GmbH, Datamatics Global Services, Deloitte & Touche Enterprise Risk Services, Discover Financial Services, DXC Technology, FEIG Electronic, FIME, Gemalto, a Thales Company, GFI Genfare, Giesecke & Devrient GmbH, Google Pay, GVB Amsterdam, IDOM Engineering and Consulting, Infineon Technologies, INIT GmbH, IVU Traffic Technologies AG, JCB International, Kapsch PublicTransportCom, Keolis, Korea Smart Card Company, KPMG, LG CNS, Masabi, Mastercard, Metro Ligerio Oeste S.A., Metropolitana Milanese SpA, Ministry of Transport of Czech Republic, MRT Jakarta, National Transport Authority of Ireland, New Zealand Transport Agency, NFC Forum, North Norway European Office, NXP Semiconductors, PricewaterhouseCoopers, Provincie Gelderland, Provincie Noord-Brabant, PSI Transcom, RATP, Public Transport Neuchâtel, SamsungPay, Serco, Siemens, Singapore Land Transport Authority, SNCF, SNC-Lavalin, Sojitz Corporation, Stadtwerke Münster, Sumitomo Mitsui Card Company, Swissrail, Tallinna Linnatranspordi, Thales, Toshiba, Touch 'n Go, Transport for London (TfL), Transports Metropolitans de Barcelona, Transport Passengers Emilia-Romagna (TPER), VDV-Kernapplikations GmbH & Co. KG, Visa, Vix Technology, Wiener Linien, Wizway Mobile Ticketing, Worldline, etc.

DELEGATE FEE

Delegates	Price before January 27, 2022	Price before February 18, 2022	Standard Fee
One Delegate	USD 1,050	USD 1,275	USD 1,500
Two Delegates	USD 1,680	USD 2,040	USD 2,400
Three Delegates	USD 2,310	USD 2,805	USD 3,000
Four Delegates	USD 2,940	USD 3,570	USD 4,200
Special Category*	USD 400	USD 450	USD 500

Note: The registration includes lunch, breakfast, tea/coffee, and Wi-Fi internet access, on both days of the conference.

REGISTRATION FORM

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Payment Policy

- Full payment must be received prior to the conference in USD.

Cancellations

- Cancellation requests received in writing 30 days before the date of the conference will be eligible for a full refund, minus a service charge/administration fee of USD 150. We regret that no refunds will be made for any cancellation requests received less than 30 days prior to the conference.
- Substitutions/name changes are welcome at no extra charge. Please send these in writing at least two days prior to the conference.
- **Information Collected:** We collect the information you provide to us when you complete the registration form. The information includes name, company, and email address. By registering for this conference, you agree to be contacted by us with regard to other similar events or services of ours that may be of interest to you, and by the sponsor(s) of the conference for which you have registered
- **Disclaimer:** Global Mass Transit shall assume no liability whatsoever in case the conference is postponed or cancelled due to a fortuitous event or unforeseen occurrence that renders its organization impractical, illegal or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergency. Global Mass Transit's responsibility is limited to the return of registration fees only, and not any travel and accommodation costs.
- Please note that it may become necessary for reasons beyond the control of the organizers to make alterations to the content and timing of the program or speakers.

CONTACT US

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