



Conference on

TRANSIT STATE OF GOOD REPAIR WEST

June 28-29, 2022

The Westin St. Francis San Francisco on Union Square

Hosted by:

Global **Mass Transit**

Sponsors so far:



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 **Transit State of Good Repair- West conference on June 28-29, 2022 at The Westin St. Francis San Francisco on Union Square.**

MISSION

The mission of the conference is to explore new opportunities for transit 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

Conference on

TRANSIT STATE OF GOOD REPAIR-WEST

June 28-29, 2022 | The Westin St. Francis San Francisco on Union Square

Tentative Agenda

June 28, 2022(8:00 am- 5:00 pm Pacific Time)

Session 1: 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

Session 2: Policies, Programs and Funding

- Updates, upcoming deadlines and resources
- Expectations from and requirements for the 2022 TAM plan update
- Incorporating lifecycle analysis
- Incorporating new technologies
- Performance measures

Session 3: 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

Lunch and Networking

Session 4: Updating Agency TAM Plans by October 22

- 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

Session 5: Spotlight on Data and Analytics

- Data governance - ownership and sharing
- Data reporting, integration and analysis, breaking silos
- Enterprise Asset Management system
- Role of data in preventive and predictive maintenance
- Technologies and techniques for data and analytics (drones, sensors, IoT, AI, etc.)
- Experience of transit agencies in collecting, tracking and analyzing data

Session 6: SGR Case Studies and Best Practices

- Case studies
- Capital planning and investment prioritization

- Key challenges, lessons learned
- Future plans

End of Day 1

June 29, 2022 (8:00 am-2:00 pm Pacific Time)

Session 7: Rolling Stock Asset Management

- Rolling stock asset management plan
- Wayside condition monitoring
- IoT asset management solutions - sensors for predictive maintenance
- Efficiency enhancements - regenerative braking, HVAC systems
- Commuter traffic monitoring systems
- Refurbishment and life extension

Session 8: Replacing Bus Fleets

- Transitioning to a zero-emission bus fleet
- Technology choice, infrastructure requirements, asset categorizations
- Experience so far and lessons learned
- The way forward

Session 9: Track and Railway Systems Maintenance

- Energy efficient power systems with real-time diagnostics data
- Next-generation signaling systems
- Sensors and monitoring devices across p-ways
- Enterprise asset management systems - utilizing data analytics for smart asset management
- Integrating track and train

Session 10: Modernizing Fare Systems

- Planning the transition from legacy systems, repurposing existing equipment
- Integrating mobile ticketing, MaaS, cloud accounts
- Data reporting for transit operations efficiency

Session 11: Role of Technologies

- Artificial intelligence
- Decision support tools
- Sensors, light detection and ranging technologies, optical imaging, overhead catenary automated scanning
- Digital twin simulation and modeling
- Technologies for predictive maintenance
- Workforce training needs
- Etc.

Lunch and Close of the Conference

THE SPEAKERS AT OUR TENTH EAST (MARCH 2022) EDITION



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

The tenth edition of the East conference (March 2022) was attended by over 180 participants from nearly 105 organizations. The key organizations include (in alphabetical order): AECOM, Alstom, AmePower, Amsted Rail, Astronics Test Systems, ATS Consulting, Bay Area Rapid Transit District (BART), BBM Railway Equipment, BITZER U.S, BJCTA- Max Transit Authority, Boothe Transit Consulting, Broward County Transit, Burns Engineering, Camlin Rail, Capital Metro, City of Fresno, Clever Devices, Cubic Transportation Systems, Dallas Area Rapid Transit (DART), Delta Railroad Construction, Deloitte Consulting, DigitalThinker, Ecolane, Electro-Techno, FASTER Asset Solutions, Fenton Mobility Products, Frauscher Sensor Technology, Georgia Department of Transportation, Global Traffic Technologies, Hampton Roads Transit, Hatch LTK, Hexagon, Hexagon PPM (Infor), Hillsborough Transit Authority - HART, Hitachi Rail STS, HNTB Corporation, Irwin Transportation Products, King County Metro Transit, Kitsap Transit, Knorr Brake Company, Lane Transit District, LB Foster, 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, Metropolitan Transit Authority of Harris County, Mitsubishi Electric Power Products, MobilityData, Montgomery County DOT, Mott MacDonald, Network Rail Consulting, Niagara Frontier Transportation Authority, Night train foundation, NOKIA Bell Labs, North Central Texas Council of Governments, NY Metropolitan Transportation Authority, New York City Transit Authority Department of Buses, Omni Strategy, Pandrol, Parsons, Penn Machine Company LLC, Pierce Transit, Port Authority of Allegheny County, Port Authority of New York and New Jersey, Powell Electrical Systems, RailPros, RazorSecure, RELAM, Rhombus Energy Solutions, Ricardo Software, RL Controls, Salcef USA, Santa Clara Valley Transportation Authority, Santa Cruz Metropolitan Transit District, Scheidt & Bachmann USA, Seattle Department of Transportation, Siemens Mobility, Sound Transit, Spy Pond Partners, Stacy and Witbeck, Stellar Services, Inc, .Tahoe Transportation District, Televic US, The GBS Group, Thermo King Corporation, Transdev Rail, Transportation Technology Center, Trapeze Group, Treasure Valley Transit, TriMet, UKM Transit Products, Utah Transit Authority, Vecom USA, Virginia Department of Rail & Public Transportation, WABTEC, Washington Metropolitan Area Transit Authority, etc. The sponsors included: AmePower, Camlin Rail, Ecolane, FASTER Asset Solutions, Hexagon PPM, March Networks, Pandrol, Rhombus Energy, Siemens Mobility and Trapeze Group.

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 Ligero 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.

SPONSORSHIP BOOKING FORM

Option 1 – Standard fee: USD 5,500

- A 15-minute speaking slot followed by Q&A with the attendees
- Table space at the venue
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slides
- Special mailer to our database announcing your participation
- Sponsor company and logo mentioned in each promotional mailer
- Mentions in social media posts including a post on the speaker from your company
- Mention in opening and closing remarks
- 2 delegate registrations (excluding the speaker)

Option 2 – Standard fee: USD 10,000

- A 15-minute speaking slot followed by Q&A with the attendees
- Moderating a panel discussion
- Table space at the venue
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slides
- Special mailer to our database announcing your participation
- Sponsor company and logo mentioned in each promotional mailer
- Mentions in social media posts including a post on the speaker from your company
- Mention in opening and closing remarks
- 5 delegate registrations (excluding the speaker)

Coffee sponsor – Standard fee: USD 4,000

- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slides
- Special mailer to our database announcing your participation
- Sponsor company and logo mentioned in each promotional mailer
- Mentions in social media posts
- Mention in opening and closing remarks
- 1 delegate registration

Lanyard sponsor – Standard fee: USD 6,000

- Named lanyard sponsor
- Company logo will be displayed on the event website and the registration page
- Company logo will be displayed in the opening and closing slides
- Special mailer to our database announcing your participation
- Sponsor company and logo mentioned in each promotional mailer
- Mentions in social media posts
- Mention in opening and closing remarks
- 2 delegate registrations
- Lanyards to be provided by the company

For further information, please contact: **Surbhi Rakheja**

Email: surbhi.rakheja@globalmasstransit.net

Mobile: +44 024 7698 0693

DELEGATE FEE

Delegates	Price before May 18, 2022	Price before June 8, 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

**There is a special low fee for government agencies, regulatory authorities, academia and research institutions*

(Registration fee includes access to all sessions, copy of presentations light breakfast, lunch, tea/coffee, and Wi-Fi access, on both days of the conference.)

REGISTRATION FORM

☐ I would like to register for the conference

☐ Please send me more information

NAME/DESIGNATION _____ COMPANY _____

MAILING ADDRESS _____

PHONE _____ MOBILE _____

FAX _____ EMAIL _____

PAYMENT OPTIONS

1. Credit Card: To make payments by credit card, please visit: <https://bit.ly/3DnTwDh>

All credit card payments will be subject to standard credit card charges

2. Wire Transfer:

Beneficiary: India Infrastructure Publishing Private Limited*
Bank Name: The Hongkong and Shanghai Banking Corporation Ltd
Bank Address: R-47, Greater Kailash – 1, New Delhi – 110048
Bank Account No: 094179587002
Swift Code: HSBCINBB

**Global Mass Transit is a division of India Infrastructure Publishing Private Limited.*

CONTACT US

For registration and sponsorship opportunities:

Surbhi Rakheja, Global Mass Transit Research
Email: surbhi.rakheja@globalmasstransit.net
Mobile: +44 024 7698 0693

For speaker participation opportunities:

Namrta Bangia, Global Mass Transit
Email: namrta.bangia@globalmasstransit.net
Mobile: +44 20 7097 5717

To register, email us at: registration@globalmasstransit.net or visit us at www.globalmasstransit.net

TERMS AND CONDITIONS

Payment Policy

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

Cancellations

- Cancellation requests received in writing 30 days before (May 30, 2022) 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.