

# Improving Asset Management Practices

**Moderator: David Rose, Ph.D.,** Management  
Consulting, Business Line Director, Gannett Fleming, Inc., New York, NY

- **Louis Cripps,** Co-Chair, Transit Performance Management Subcommittee; Senior Manager Asset Management, Regional Transportation District, Denver, CO
- **Laura Zale,** Co-Chair, Transit Performance Management Subcommittee; Senior Asset Management Engineer, Southeastern Pennsylvania Transportation Authority (SEPTA), Philadelphia, PA
- **Holly Arnold,** Director, Planning and Programming, Maryland Transit Administration, Baltimore, Md
- **Paul Edwards, P.E.,** Director of Asset Management, Utah Transit Authority, Salt Lake City, UT

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David brings perspective from 25+ years leading assignments across North America assisting transportation agencies to address strategy and performance improvement. The team he leads provides consulting services that assist transportation infrastructure owners and service providers with business and technology changes that improve performance and reliability. He has specialized experience in the improvement of asset management practice in the transit and rail industry. David was the primary author of the FTA Transit Asset Management Guide. [drose@gfnet.com](mailto:drose@gfnet.com)  
[https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA\\_Report\\_No.0098.pdf](https://www.transit.dot.gov/sites/fta.dot.gov/files/docs/FTA_Report_No.0098.pdf).

# Improving Asset Management Practices: Panel Objectives

- As Transit agencies we have a long history of providing services to our regions and with the federal requirements for transit asset management sparking a need for change.
- We are at the point in our industry where maturing asset management and performance based planning practices will define our future success, and insure we can secure the necessary funding to deliver safe reliable services. With guidance and support from APTA and knowledge sharing across the industry we can learn from each other's mistakes and successes to improve.
- We bring together industry leaders who will share their specialized knowledge and experiences on their shared journey to excellence.

## Discussion Topics

- How Robust is Your Agency's Asset Management?
- Have there Been any Big Revelations or Surprises for Your Organization; What is Your Organization Learning; Tools and Resources Used?
- Is Your Agency Supporting the TAMP as Part of Strategic and/or Business Planning?
- Beyond the October Federal TAMP Deadline, What Will Your next Iteration Look Like?

# Introductions & Question 1

- How Robust is Your Agency's Asset Management?

Welcome to Denver





# **RTD, Louis Cripps**

Senior Manager, Asset Management



## RTD Denver

- 2342 Square Miles of Service Area
- 60 Miles of Light Rail
- 29 Miles of Commuter Rail
- 1023 Buses/172 LRVs / 66 commuter EMUs
- 480 Million Operating Budget
- 2800 Employees





# SEPTA, Laura Zale

## Senior Asset Management Engineer



# Southeastern Pennsylvania Transportation Authority



- Service area 2,200 square miles
- Multimodal:
  - Heavy Rail
  - Commuter Rail
  - Light Rail
  - Bus
  - Trackless Trolley
  - Paratransit
- Created by the consolidation of bankrupt transit providers
- Utilizing infrastructure maintained and owned by Amtrak, freight, and the City



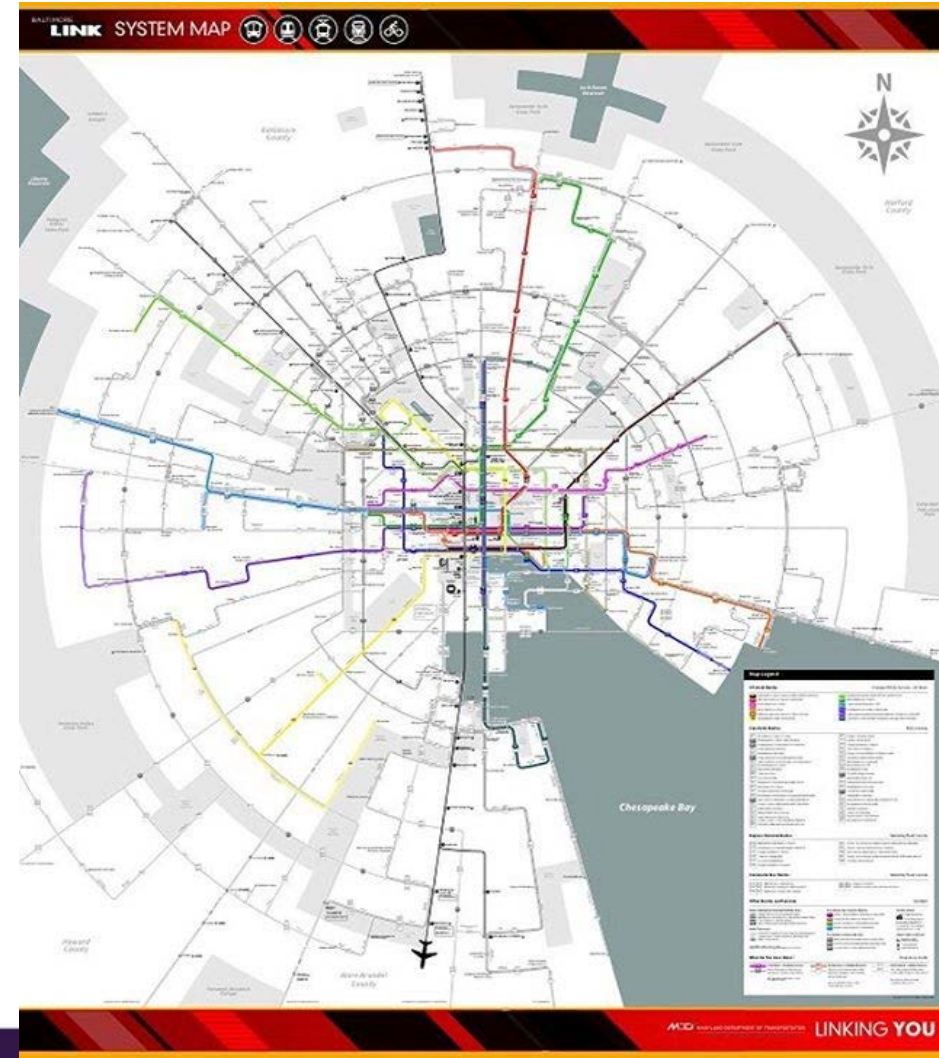
# MTA, Holly Arnold Director, Planning and Programming





# Maryland Transit Administration

- Service area 1,795 sq. miles
- Multi-modal
  - Local Bus
  - Heavy Rail
  - Light Rail
  - Commuter Rail
  - Commuter Bus
  - Paratransit
- Oversight of 23 Locally Operated Transit Systems
- \$8.23 billion asset base (2015)



# Paul Edwards

## Director of Asset Management





# UTA overview

- Service Area:
  - 732 Square Miles
  - Population: 1.88 Million
- Rail System:
  - 202 revenue track miles
  - 73 Stations
  - 117 Light Rail Cars/71 Commuter Rail Cars
  - Three Rail Vehicle Maintenance Facilities
- Bus System:
  - Total Fixed Route Buses- 516
  - Total Flex Route Buses- 127
  - Five Bus Operation/Maintenance Campus Locations
- Van Pool System:
  - 392 Vans
- Upcoming Service Enhancements
  - Provo/Orem BRT (August, 2018)
  - Streetcar Double Track Project





## Question 2

- Have there Been any Big Revelations or Surprises for Your Organization; What is Your Organization Learning; Tools and Resources Used?



## Question 3

- Is Your Agency Supporting the TAMP as Part of Strategic and/or Business Planning? Alignment and Integration?
  - TAMP role in Capital Planning and Budgeting?
  - Have Long Range Planning Considerations Changed?
  - Is Asset Management information shared with the MPO?

## Question 4

- Beyond the October Federal TAMP Deadline, What Will Your next Iteration Look Like?

# APTA Standards: State of Good Repair/Transit Asset Management Working Group

- Mission: Maintaining the condition of our transit infrastructure is an issue of national importance. This working group provides documents to ensure that transit systems are maintained in a 'state of good repair' to provide efficient, reliable, and safe service. Documents are also intended to help agencies meet federal Transit Asset Management requirements and provide resources and best practices in implementing their transit asset management programs.
- Documents in Progress
  - Recommended Practice for Preparing a Transit Asset Management Plan – An Agency List
  - Recommended Practice for Selecting Software to Support Your Asset Management Program and Business Processes
  - Recommended Practice for Improving Transit Asset Information



## Continue the Dialogue - Panel Contact details

Laura Zale [lzale@septa.org](mailto:lzale@septa.org)

Paul Edwards [PEdwards@rideuta.com](mailto:PEdwards@rideuta.com)

Holly Arnold [harnold@mta.maryland.gov](mailto:harnold@mta.maryland.gov)

Lou Cripps [Lou.Cripps@rtd-denver.com](mailto:Lou.Cripps@rtd-denver.com)

David Rose [drose@gfnet.com](mailto:drose@gfnet.com)