



2023 FTA JOINT STATE SAFETY OVERSIGHT AND RAIL TRANSIT AGENCY WORKSHOP

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Session 21

Safety Challenges – Managing Securement of Disabled Trains and Light Rail Vehicles

2023 FTA Joint SSO and RTA Workshop

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Goal: Building Safer Rail Transit Systems



To better prevent accidents from happening

Work together so we can make Transit Safer

How – By sharing experiences and information

- Build best practices
- Build relationships

Why we are here



https://youtu.be/wlyRfki7AxM?si=UEtwEW_D3Xnmf9ht

Planning and Preparation

- Build a plan – together
 - More than just the safety department, need to understand engineering and operations
- Identify risks
- Understand the risks and their severity
- Plan to avoid and mitigate
- Practice the plan



Prepare

Plan your **Work**, **Work** your Plan

Update the plan

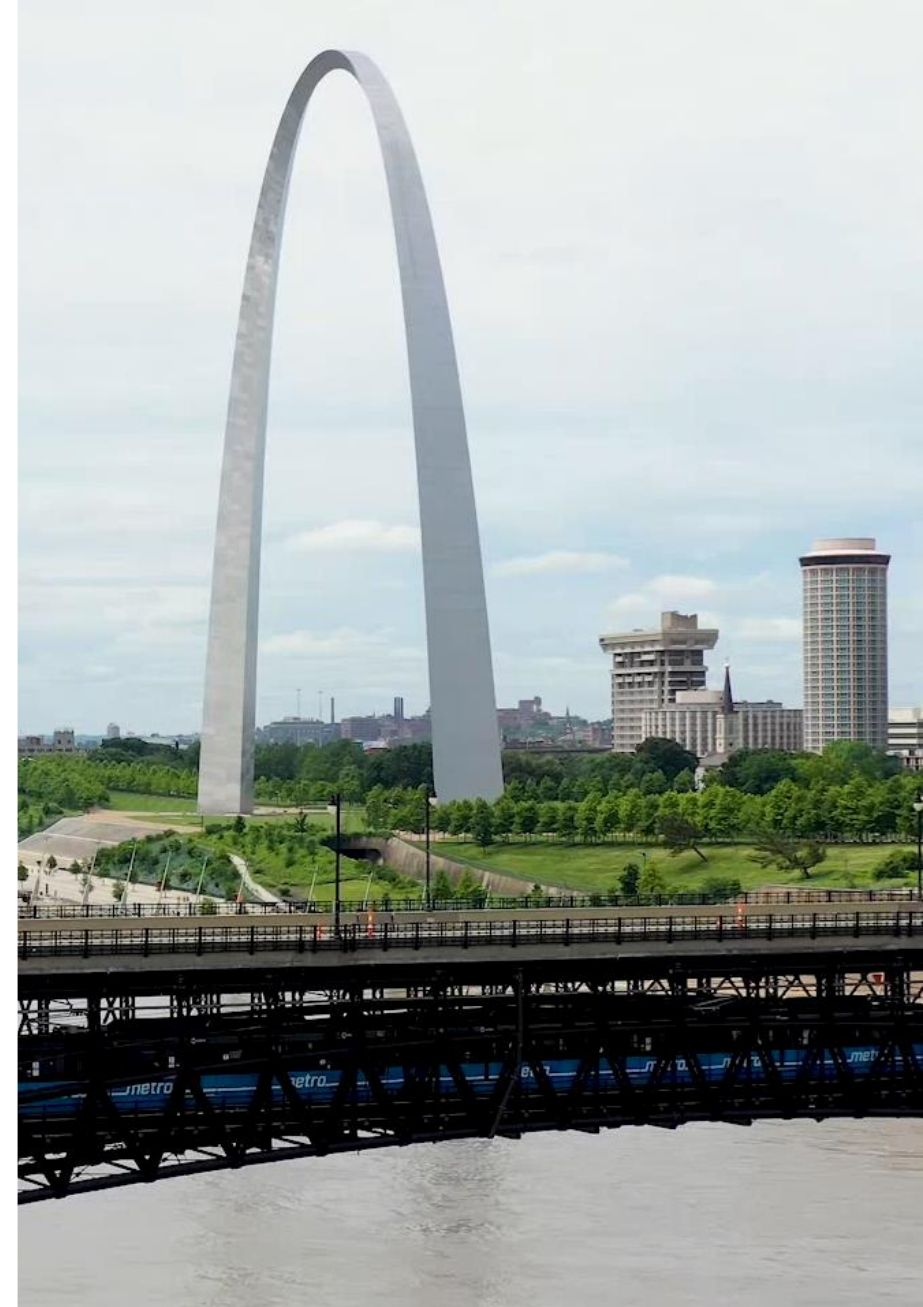
Update the risks

Make sure everyone is part of the plan

State Safety Oversight

SSOA Role

- SSO Plans should be built with your RTAs Safety Plans in mind
 - Understand what your RTAs are planning and how they are preparing for hazard events
 - Share knowledge between RTAs and with each other
 - Build expertise and provide guidance
- Best example is when oversight and operator work in tandem to build safer systems
 - Inspections are proactive, Investigations are reactive
- Leverage FTA rail system expertise
- Learn from other areas such as emergency planning and resiliency planning



State Safety Oversight

SSOA Role

- Best example is when oversight and operator work in tandem to build safer systems
 - Similar to emergency management
 - Plan together
 - Work together
 - Solve problems together



State Safety Oversight

SSOA Role

- Leverage FTA rail system expertise
 - FTA needs SSOAs to be engaged with rail transit agencies.
 - FTA needs SSOAs to share what they are learning from RTAs
 - FTA provides any SSOA context and examples from across the country



FTA's Role - Inspections are proactive

Risk-Based Inspections

- Intended to ensure that SSOAs and RTAs are planning and preparing
- Providing FTA leadership and Congress with assurance that the process is working
- Help agencies perform better and safer for the American people



FTA's Role - Investigations are Reactive

Safety Management Inspections

FTA *may* choose to conduct an SMI if:

- There is evidence of widespread and systemic safety concerns
- Further analysis is needed to address root causes
- FTA believes that both transit agency and SSO require federal oversight



How are Accident Investigations and SSOAs Connected

Critical information to share



What contributed to the accident?

What contributed to that? (getting toward root cause)

What similar factors are present in your systems?

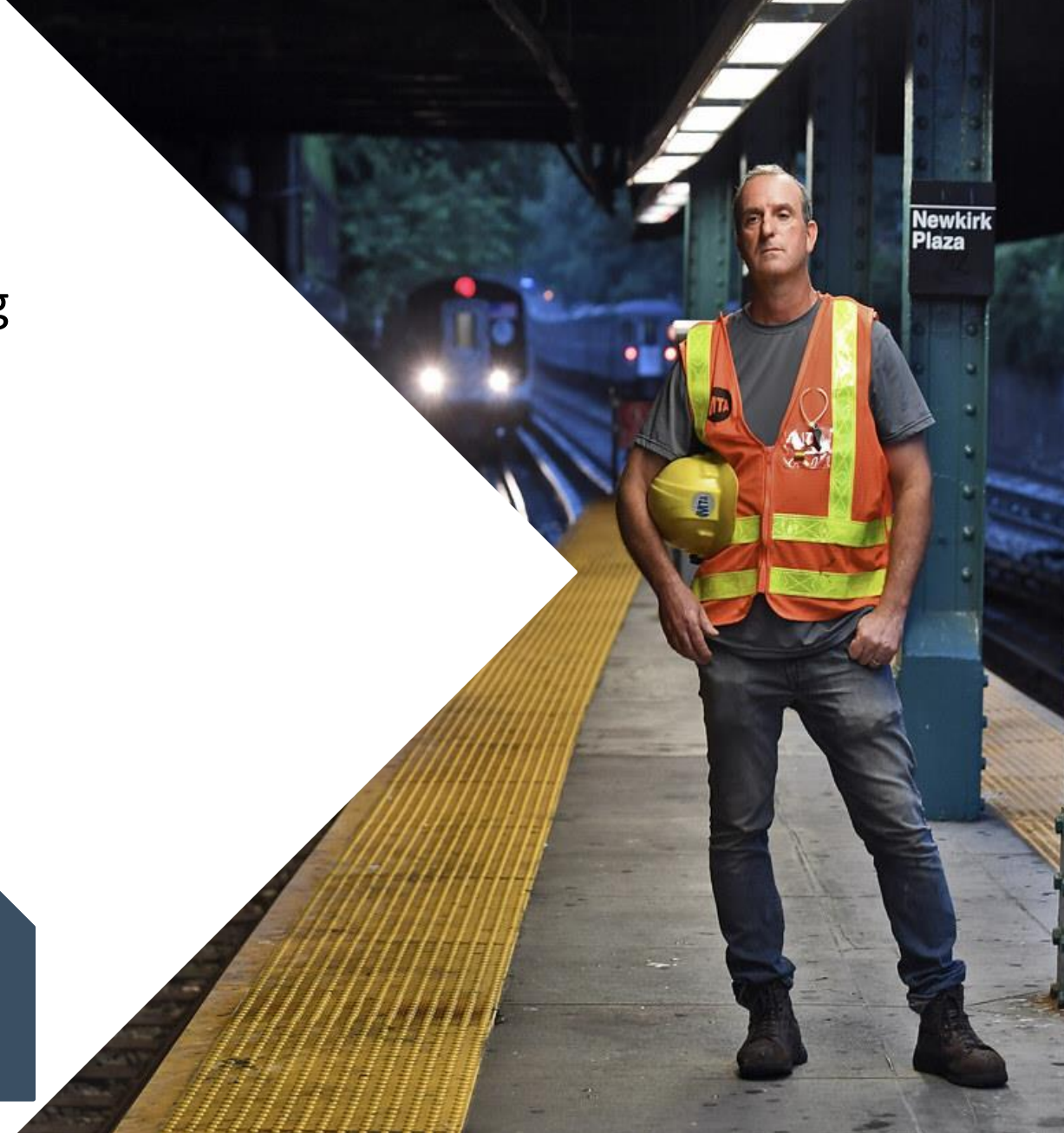
What changes are needed to avoid similar outcome?

How can those changes be implemented?

You are the Experts to Safety

- Providing local and regional perspective
- Understand how transit agencies are operating
 - Is it safe?
 - How?
 - Vulnerabilities?
 - How do they think about operations?
 - How do they incorporate safety?
- Communicate what you see and find
- Share expertise with other SSOAs and FTA
- Is action needed?

Informed and knowledgeable SSOAs can help FTA make good decisions to improve safety outcomes for our industry.



Questions?

Contact Information

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