

# Index of Prior Annual Meeting and Conference Railroad Grade Crossing Related Presentations

*Presentations are available upon request by e-mail to Douglas Noble ([dnoble@ite.org](mailto:dnoble@ite.org))*

## ITE 2025 Annual Meeting Presentations

### **Traffic Engineering at Grade Crossings Today**

- *Holistic Grade Crossing Reviews with Multimodal Data*  
Amber Stoffels, Manager of Industry and Public Projects, Union Pacific Railroad, Denver, CO
- *Grade Crossing Construction Complexities: Lessons Learned in Florida*  
Trent Martin, Construction Manager, Herzog Contracting Corp., Philadelphia, PA
- *Whistle Cessation in Canada and U.S. Quiet Zones*  
Tim Oster, Manager of Special Projects - Grade Crossing Engineering, Benesch, Fort Worth, TX  
Stéphanie Roller, P.Eng., Chief Engineer, Passenger Rail Division, Transport Canada, Ottawa, Ontario, Canada
- *Enhancing Rail Safety: Innovations in Railroad Crossing and Infrastructure Improvements*  
Bjorg Olafs, P.E., Senior Project Engineer, HNTB Corporation, Orlando, FL

### **Exploring At-Grade Rail Crossings on the SunRail System Tour**

This guided technical tour provided a firsthand look at key at-grade rail crossings along the SunRail system to see real-world applications of the concepts discussed in the session. Experts highlighted holistic grade crossing reviews, construction complexities, whistle cessation, and traffic signal interconnectivity, offering insights into challenges and best practices in rail safety and multimodal integration.

## ITE 2024 Annual Meeting Presentations

### **Grade Crossings: Improving Safety Today with Data and Best Practices**

- Holistic Grade Crossing Reviews with Multimodal Data  
Amber Stoffels, Public Project Manager, Union Pacific Railroad, Denver, CO
- Designing for Cyclists at Grade Crossings  
Antonino Genoese, P.E., Principal Project Manager, Gannett Fleming, Oakland, CA  
Jeannette Brugger, AICP, Bicycle & Pedestrian Coordinator, City of Philadelphia, Philadelphia, PA  
Logan Axelson, Deputy Program Director—Trolley Modernization, SEPTA, Philadelphia, PA
- MUTCD Part 8 – Rail/Light Rail Updates  
Nicole Jackson, P.E., PTOE, Group Manager - Grade Crossing Engineering, Benesch, Fort Worth, TX
- Considerations for Roundabouts near Railroad Grade Crossings,  
Joanna Bush, P.E., Senior Traffic Engineer, Mead & Hunt, Middleton, WI, USA

### **Grade Crossing Design for Safety & the 11th Edition of MUTCD**

The tour included site visits at three (3) at-grade rail crossings in Norristown, PA to observe good design for safety and operations supporting multimodal use. Each crossing included different railroad warning systems with traffic signal preemption compliant with the new 11th Edition of MUTCD, 11<sup>th</sup> Edition. The locations have different pre-signal configurations and traffic signal operations as a part of the system operation.

## **ITE 2023 Annual Meeting Presentations**

### **Joint Annual Inspections Save Lives: Case Studies from the Midwest**

- *Joanna Bush, P.E.*, Senior Traffic Engineer, Mead & Hunt, Middleton, WI
- *Adam Moore, P.E.*, Senior Engineering Associate, Portland Bureau of Transportation, Portland, OR
- *Liliana Quintero, P.E.*, Civil Engineer II, City of Vancouver BC
- *Brent Ogden, P.E., TE, PTOE*, Regional Vice President – Transit, Kimley-Horn Associates, Los Angeles, CA

## **ITE 2022 Annual Meeting Presentations**

- *A Proposal for the Application of Hybrid Beacons at Rural Railroad Crossings*, Dean Tekell, P.E., PTOE, Principal, Dean Tekell Consulting, LLC, Lafayette, LA
- Paul D. Rathgeber, Director – Industry & Public Projects, Union Pacific Railroad, Spring TX
- *Train Detection System Pilot Project – Metairie Road, Jefferson Parish, Louisiana*, Herbert “Bert” Moore II, P.E. PLS, PTOE, State Transportation Leader – Louisiana, Gresham Smith, Baton Rouge, LA
- John E. D. F. Ayers, Vice President, Operations, Ayers Electronic Systems, LLC, Richmond VA

## **ITE 2021 Virtual Annual Meeting Presentations**

- *Missouri’s Innovative Roundabout with Railroad Preemption*, David J. Mennenga, P.E., PTOE,
- *Section 130 Program Overview*, Esther Strawder, FHWA Office of Safety, Washington, DC
- *Latest Update from FRA on Grade Crossing Research*, Marco de Silva, Senior Engineer, USDOT Volpe Center, Cambridge, MA and Francesco Jacobini, Program Manager, Federal Railroad Administration, Washington, DC
- *Preemption of Traffic Signals Near Railroad Grade Crossings ITE Recommended Practice*, Tom Lancaster

## **ITE 2020 Virtual Annual Meeting Presentations**

- *The Language of Railroad Preemption*, Sam Bobko, P.E., PTOE, Senior Project Manager, Mott MacDonald, Cleveland, OH and Alejandro Chock, Transportation Engineer, Mott MacDonald, Cleveland, OH
- *Automated Safety and Performance Evaluation of the Region of Waterloo LRT Intersections Using Computer Vision Technology*, Mark Liddell, C.E.T, Analyst, Region of Waterloo, Waterloo, ON and Sajad Shiravi, Product Manager, MioVision, Kitchener, ON
- *Using Advanced Traveler Information Systems to Address Safety and Congestion at Rail Crossings*, Garreth, Rempel, Ph.D, P.Eng., CEO, Trainfo, Winnepeg, MB

## **ITE 2019 Annual Meeting Presentations**

- Tom Lancaster - Preemption of Traffic Signals Near Railroad Crossings: Proposed ITE Recommended Practice
- James Robertson and Troy Rother - Why's the Pedestrian Indication Dark? Accommodating Pedestrians at Traffic Signals near Railroad Grade Crossings

- Darryl Puckett and Mike Vickich - Automated Warning Announcements for Pedestrian and Bicycle Crossings for At-Grade Light Rail
- Brent Ogden - USDOT Highway-Rail Crossing Handbook, Third Edition

#### **ITE 2018 Annual Meeting Presentations**

- Naree Kim - Designing New Features to Control Right-Turn on Red
- Dan Soler - METRO Green Line: Washington Ave Pedestrian Mall
- Jim Alexander - Southwest LRT METRO Green Line Extension
- Nicole L. Jackson - Traffic Signal Preemption Using TXDOT's New Preemption Procedures

#### **ITE 2017 Annual Meeting Presentations**

- Kevin Balke - Guide for Determining Time Requirements for Traffic Signal Preemption at Highway-Rail Grade Crossings: Revisions to the TxDOT Worksheet
- Brent Ogden - USDOT Grade Crossing Handbook & Preemption Guidebook Status Report
- Karen Hankinson - Preemption of Traffic Signals Near Railroad Crossings
- Jay Rieger - Grade Crossing Handbook

#### **ITE 2016 Annual Meeting Presentations**

- Brian Gilleran - National GC Inventory Reporting Requirements
- Juan Diaz - Railroad Corridor Quiet Zones
- Karen Hankinson - Queue Prevention at RR Grade Crossings
- William Baron - Trespasser Detection System Update

#### **ITE 2015 Annual Meeting Presentations**

- Cleveland HealthLine BRT - Ken Sislak
- Los Angeles Orange Line Busway - Edward Yu
- Miami-South Dade Busway - Isabel Padron
- NCUTCD Busway Provisions - Tom Lancaster

#### **ITE 2014 Annual Meeting Presentations**

##### **Fundamentals of Traffic Signals near Railroad Crossings Workshop**

##### Facilitators:

- *Richard M. Campbell*, President, CTC Inc., Benbrook, TX
- *Janie M. Hollingsworth*, Vice President of Engineering, CTC Inc., Fort Worth, TX

#### **ITE 2013 Annual Meeting Presentations**

- FRA Perspectives PX Safety
- MUTCD Pedestrian Guidelines for Grade Crossings
- Utah Pedestrian Grade Crossing Manual
- LRT Ped Crossings

#### **ITE 2012 Annual Meeting Presentations**

- Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way - Scott J. Windley
- Pedestrian Access Issues and State of Art Solutions for Signalized Intersections - Janet M. Barlow
- Meeting the Needs of All Users Accessibility Issues at Grade Crossings - Rick Campbell

- Access Issues and Mitigations at Roundabouts - Thomas G. Blust

**ITE 2011 Technical Conference Presentations**

- Current Issues in Grade Crossing Safety
- Issues and Potential Solutions for Roundabouts with Grade Crossings
- Queue Cutters and Pre-Signals