

JOINT TRAN-SET WEBINAR SERIES



Improving Safety and Reliability of Rails

- Thursday December 9th, 2021 | 2:00 – 3:15 PM (CST)
- Free registration at: <https://bit.ly/3mXkaw8>
- Information at: <https://transet.lsu.edu/webinars/>

Safety of Vulnerable Road Users (VRU's) in Light-Rail Transit (LRT) Environment

Light-rail transit (LRT), which includes modern streetcars, trolleys, and heritage trolleys, is one of the fastest growing modes of public transportation in the United States. Operating light-rail vehicles (LRVs) introduces new conflicts and increases the risk of collisions with vulnerable road users (VRUs) including pedestrians, bicyclists, and electric scooter riders. This study has two main objectives: (1) to review and evaluate the existing body of knowledge and the state of practice regarding safety of VRUs in LRT environments; and (2) to synthesize this information and package the results in a “Best Practices Resource Guide”



Dr. Samir A. Ahmed
Oklahoma State University



Dr. Tara Tolford
University of New Orleans
Transportation Institute



Dr. Guang Tian
University of New Orleans
Transportation Institute

Rails to Resilience: Evaluating New Orleans and Baton Rouge Rail Terminals and Transit Links

This study evaluated multimodal linkages to and opportunities for proposed stations for future passenger rail service between Baton Rouge and New Orleans, as well as the dynamics of likely ridership, through a survey and Discrete Choice Experiment (DCE) aimed at analyzing rider sensitivities and preferences.



Dr. Eric Dumbaugh
Florida Atlantic University

The Traffic Safety Effects of Introducing Transit Service on Urban Freight Corridors: An Examination of Orlando SunRail and Charlotte Lynx

This study examines the Orlando SunRail and Charlotte Lynx systems to understand how the introduction of transit service may influence the incidence of total and KAB crashes near transit stations and along at-grade rail intersections.

