



Innovation in Motion

A newsletter with highlights from the STIC

INNOVATE

DEPLOY

EDUCATE



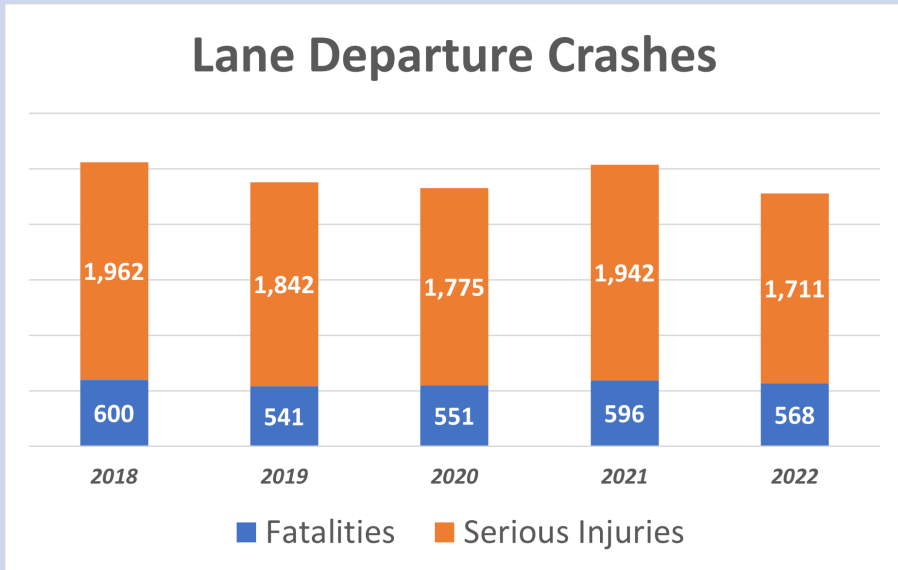
This edition of the STIC *Innovation in Motion* e-Newsletter highlights recent updates to the Focus on Reducing Rural Roadway Departures (FoRRRwD), a Federal Highway Administration (FHWA) Every Day Counts Round 5 (EDC-5) innovation that focuses on reducing the number of crashes caused by vehicle lane departures on rural roadways. In addition, this month's e-Newsletter announces the 2023 recipients of the FHWA STIC Incentive Program funding.

This month's e-Newsletter also highlights PennDOT's *Innovation in Motion* Webinar Series, with the *Tools of the Traffic Trade* webinar, which was held July 11. This webinar takes a look at how advanced tools and technology are changing the transportation landscape in Pennsylvania. If you missed the webinar, we've included a link to the recording below as well as information about upcoming webinars.

Another Tool in the Transportation Toolbox

A FoRRRwD Thinking Approach to Reduce Lane Departure Crashes

More than half of all fatal and serious injury lane departures occur on rural roads. Given Pennsylvania's large rural network, this issue must be addressed through systemic and spot-specific infrastructure improvements, according to [Pennsylvania's 2022 Strategic Highway Safety Plan](#). Implementing the FHWA [Focus on Reducing Rural Roadway Departures \(FoRRRwD\)](#) approach is a key initiative to reduce rural roadway departures. FoRRRwD uses a logical approach with innovative tools and techniques to reduce deaths and serious injuries in rural roadway departure crashes. Learn more [here](#).



2023 STIC Incentive Funding Recipient Announced

FHWA's [STIC Incentive Program](#) offers technical assistance and funds – up to \$100,000 per STIC per year – to support the costs of standardizing innovative practices. This year, two projects were selected to share the \$100,000 STIC Incentive Program funding.

Teen Driver Work Zone Safety Course

The 2023 STIC Incentive Program funding will be used in partnership with PennDOT, the Pennsylvania Turnpike Commission, and the American Traffic Safety Services Association, for the development and implementation of a Pennsylvania-specific teen driver work zone safety course. The training will help teens better understand common types of work zone crashes and which driving habits can be used to better prevent these incidents.

Construction CMS Queue Protection Corridor Integration

The 2023 STIC Incentive Program funding will be used to purchase and install PennDOT-network 4G cell modems and/or SIM cards into contractor project work zone Portable Changeable Message Signs (PCMS). This will allow Regional Traffic Management Centers to view and change the work zone signs, and the work zone signs to be added to the corridor management tool in PennDOT's Advanced Transportation Management System (ATMS). Signs can then be set up to operate as a queue detection system.

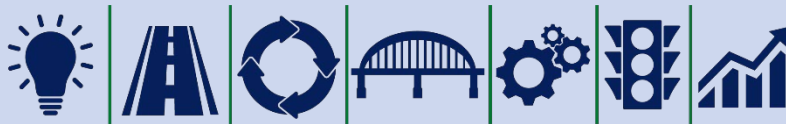
Stay tuned for next month's STIC *Innovation in Motion* e-Newsletter to learn how past STIC Incentive Program recipients are standardizing innovation in Pennsylvania.



What's Transforming Transportation Today?

PennDOT's 2023 *Innovation in Motion* Webinar Series

Focusing on tools available to assist with efficient and effective work zone planning to minimize traffic congestion and delays, Ryan McNary, chief of Traffic and TSMO Performance Operations and Scott Benedict, manager of Traffic Systems and TSMO Performance Operations in PennDOT's Bureau of Operations, discussed tools focused on easing traffic congestion and improving the safety and reliability of Pennsylvania roadways. A recording of this [webinar](#) is now available.



INNOVATION IN MOTION

Webinar Series



Want to learn about other innovative initiatives happening across PennDOT?

Join us for these **upcoming webinars** that we hope will inspire and spark new ideas for your next great innovative initiative!

Leveraging Technology to Transform the Customer Experience

Learn how PennDOT's Driver and Vehicle Services is working to enhance and transform the customer experience through a variety of technology-driven initiatives.

Sept. 12, 2023

10 a.m. to 11 a.m.

Click [here](#) to add this webinar to your calendar.

PennDOT's Digital Transformation

Learn how PennDOT is leading the way in the digital transformation of project development and electronic construction management.

Dec. 12, 2023

10 a.m. to 11 a.m.

Click [here](#) to add this webinar to your calendar.

For more information on these and other STIC innovations, email
penndotstic@pa.gov.