

Traffic Engineering Communication/Action Plan 2023

Council Overview

The Traffic Engineering Council (TENC) delivers information and products that address the needs of ITE members relating to the planning, design, safe operation and maintenance of vehicular, pedestrian and bicycle travel ways, their networks and terminals, and the relationship of these facilities with the other modes of transportation.

The TENC provides its members with a wealth of information via publishing of reports, postings on the ITE website, in articles published in the *ITE Journal*, on a web-based discussion forum on the ITE eCommunity, webinars, and through the production and/or sponsorship of seminars at ITE international, District, Section, and Chapter meetings. The council works to constantly expand its projects to enhance the implementation of the ITE Strategic Plan. These and other council projects develop recommended practices, informational reports, webinars, and other resources that are of practical use and interest to its members.

2023 Mission

We continue to collaborate to improve the quality, quantity and sharing of best practice, innovations, and other pertinent information in traffic engineering.

Goals

- Deliver at least 12 webinars
- Complete 3-4 technical projects/initiatives
- Start 2-3 new technical projects/initiatives
- Engage participation from every ITE District, including Canadian District and Global District
- Engage active participation from additional TENC members

Executive Committee

Position	Name	Contact
Chair	Chuck Huffine	chuck.huffine@mymanatee.org
Vice Chair 1	Christa Greene	christa.greene@stantec.com
Vice Chair 2	Cynthia Peck	peck@cvelimited.com
Vice Chair 3	Anmol Shrivastava	ashrivastava@civiltechinc.com
Staff Liaison	Doug Noble	dnoble@ite.org
Secretary	Kellie Reep	Kellie.reep@stantec.com
Webinar Committee Liaison	Nathan O’Kane	nathan.okane@vdot.virginia.gov
Board Liaison	Chuck Huffine	chuck.huffine@mymanatee.org

Traffic Engineering Communication/Action Plan 2023

One ITE Liaison Roster

Position	Name	Contact
District Liaisons	Multiple volunteers supervised by...	
Council Liaisons	Multiple volunteers supervised by...	
Committee Liaisons	Multiple volunteers supervised by...	

Standing Committee Roster

Standing Committee Name	Committee Action Plan page number
Roundabouts	Ken Sides
Joint Rail Grade Crossing	Karen Hankinson

For more information about the Council, contact XXX.

Project Summary

The following table provides a high-level overview of the projects that will be completed or started this year.

Project	Task Owner	Final Due Date	Set up for Success?			
			CLT approval (y/n)	Volunteers assigned to support	# of additional volunteers needed	ITE Staff Approval & ITE Forms
Clearance Interval Recommended Practice Research Needs	Ken King / Christa Greene	6/24		5	2-3	
Automated Enforcement	Randy McCourt	9/23		7	3-4	
Signal Timing Webinar Series	Adam Allen	3/23		9	0	
Speed Hump Recommended Practice	Randy McCourt	1/23	Yes	9	0	Yes
Enhancing Safety on Rural Roads through Signing and Pavement Marking Guidance	Lynn LaMunyon/ Gordon Meth	5/23		1	6-8	
Curbside Management Guidance	Dave Thatcher/ Barbara Mosier	12/23		2	6-9	
Cybersecurity for Surface Transportation	Carlos Ortiz/Alyssa Rodriguez	8/24		1	6-9	
Pavement Marking Condition Assessment	Gordon Meth	6/24		1	6-9	

Traffic Engineering Communication/Action Plan 2023

Webinar Summary

Assigned webinar date	Webinar topic	Set up for Success?				Success Record	
		Abstract prepare	Assigned moderator	Presenters	Outreach planned (social media, etc.)	Delivered on time	Number of attendees
Jan	Signal Timing Implementation						
Mar	Signals for Bicycles						
Apr	Safe Running Speed Studies						
May	Safety on Rural Roads – Sign/Stripe						
Jun	Curbside Management						
Jun	Guide for Ped/Bike Safety						
Jul	Global District Topic						
Aug	SIMCAP						
Sep	Automated Enforcement						
Oct	MUTCD New Edition						
Oct	Cyber Security						
Nov	Crash Predictive Software						
Dec	Clearance Intervals Rec. Practice						

Traffic Engineering Communication/Action Plan 2023

Webinars

Webinar 1 | Assigned Date from ITE: Jan
Signal Timing Implementation –

Webinar Team

Role	Name	Email	Phone
Moderator	Pete Yauch	pyauch@albeckgerken.com	
Presenter			
Presenter			
Presenter			

Webinar 1 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 2 | Assigned Date from ITE: Mar
Signals for Bicycles –

Webinar Team

Role	Name	Email	Phone
Moderator	Josh Wolfgram	joshua.wolfgram@meadhunt.com	
Presenter			
Presenter			
Presenter			

Webinar 2 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 3 | Assigned Date from ITE: Apr
Safe Running Speed Studies –

Webinar Team

Role	Name	Email	Phone
Moderator	Patrick Wright	pwright@pennoni.com	
Presenter			
Presenter			
Presenter			

Webinar 3 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 4 | Assigned Date from ITE: May
Safety on Rural Roads Signing/Striping –

Webinar Team

Role	Name	Email	Phone
Moderator	Gordon Meth	gmeth@optonline.net	
Presenter			
Presenter			
Presenter			

Webinar 4 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 5 | Assigned Date from ITE: Jun
Curbside Management

Webinar Team

Role	Name	Email	Phone
Moderator	Barbara Mosier	bmosier@tooledesign.com	
Presenter			
Presenter			
Presenter			

Webinar 5 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 6 | Assigned Date from ITE: Jun

Guide for Pedestrian/Bicycle Safety at Alternative Intersections

Webinar Team

Role	Name	Email	Phone
Moderator	Shannon Warchol	swarchol@kittleson.com	
Presenter			
Presenter			
Presenter			

Webinar 6 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 7 | Assigned Date from ITE: Jul

Speed Management in Australia and New Zealand

Webinar Team

Role	Name	Email	Phone
Moderator	TBD		
Presenter			
Presenter			
Presenter			

Webinar 7 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 8 | Assigned Date from ITE: Aug
SIMCAP

Webinar Team

Role	Name	Email	Phone
Moderator	TBD		
Presenter			
Presenter			
Presenter			

Webinar 8 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 9 | Assigned Date from ITE: Sep
Automated Enforcement –

Webinar Team

Role	Name	Email	Phone
Moderator	Randy McCourt	503.randy.mccourt@gmail.com	
Presenter			
Presenter			
Presenter			

Webinar 9 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 10 | Assigned Date from ITE: Oct
MUTCD New Edition

Webinar Team

Role	Name	Email	Phone
Moderator	Jonathan Upchurch	upchurch@ecs.umass.edu	
Presenter			
Presenter			
Presenter			

Webinar 10 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 11 | Assigned Date from ITE: Oct

What a Traffic Engineer Needs to Know About Cybersecurity

Webinar Team

Role	Name	Email	Phone
Moderator	Nathan O’Kane	Nathan.okane@vdot.virginia.gov	
Presenter			
Presenter			
Presenter			

Webinar 10 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 12 | Assigned Date from ITE: Nov
Crash Predictive Software

Webinar Team

Role	Name	Email	Phone
Moderator	Chuck Huffine		
Presenter			
Presenter			
Presenter			

Webinar 11 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

Webinar 13 | Assigned Date from ITE: Dec
Clearance Intervals Recommended Practice

Webinar Team

Role	Name	Email	Phone
Moderator	Christa Greene	christa.greene@stantec.com	
Presenter			
Presenter			
Presenter			

Webinar 12 Pathway to Success

Deliverables	Responsible Party	Due Date	ITE Deadline

Traffic Engineering Communication/Action Plan 2023

“Roll Over” Deliverables

Clearance Interval Recommended Practice Research Needs

In early 2020, ITE introduced a new recommended practice for calculating clearance intervals. Several agencies were concerned, particularly since several areas where additional research was recommended. This initiative deals with advancing some of that research. This TENC is currently awaiting the results of a Pool Study on this topic. It is envisioned that the efforts of this project would be developed into a webinar in the third quarter of 2024, and other technical products by the end of 2024.

Project 1 Pathway to Success

Deliverables	Responsible Party	Due Date
Obtain Volunteers	Christa Greene	9/23
Develop Outline	Ken King	10/23
Initial Draft	Ken King	2/24
Peer Review	Doug Noble	3/24
Address Comments / Final Draft	Ken King	5/24
Review of Final Draft	Doug Noble	6/24

Automated Enforcement

Automated enforcement is a useful tool for traffic engineering, but it is also highly politically charged. There is a need for a consolidation of actual before and after studies about automated enforcement. The efforts would be developed into quick reference guide and a second webinar in the third quarter of 2023.

Project 2 Pathway to Success

Deliverables	Responsible Party	Due Date
Initial Draft	Randy McCourt	4/23
Peer Review	Doug Noble	5/23
Address Comments / Final Draft	Randy McCourt	7/23
Review of Final Draft	Doug Noble	8/23
Final Document	Randy McCourt	9/23

Traffic Engineering Communication/Action Plan 2023

Signal Timing Webinar Series

Based on requested webinars, we will have a quarterly series of webinars regarding traffic signal timing and practices, including pre-emption and transit priority. The series will consist of a total of 8 webinars, 4 of which were held in 2021 and 3 in 2022.

Project 3 Pathway to Success

Deliverables	Responsible Party	Due Date
Webinar 8	Pete Yauch	1/23

Speed Hump Recommended Practice

At the request of ITE HQ, Traffic Engineering Council began the process reviewing and updating the ITE Recommended Practice on Speed Humps. Work efforts began in early 2021. At the time of writing, the initial draft was nearly complete. Early efforts appear to indicate that speed cushions should be used instead of speed humps. The next step was to formulate a group of independent reviewers, finalize the document, conduct a public comment period, and adopt it by the ITE Board. The work efforts are expected to be complete by the first quarter of 2023.

Project 4 Pathway to Success

Deliverables	Responsible Party	Due Date
Finalize and Public Document	Randy McCourt	1/23

Traffic Engineering Communication/Action Plan 2023

Enhancing Safety on Rural Roads through Signing and Pavement Marking Guidance

More than half of all traffic fatalities in the U.S. and Canada occur on rural roads. Most of these are either roadway departure crashes or intersection crashes. Many rural roads do not have posted speed limits and are subject to statewide statutory speed limits of 50 to 75 miles per hour (80-120 km/h). Crash experience can be reduced substantially by the use of 6" edge lines, larger stop signs and the use of a second stop sign on the left, stop ahead signs, and curve warning signage. Traffic Engineering Council will develop a Guide Document and a webinar by the second quarter of 2022.

Project 5 Pathway to Success

Deliverables	Responsible Party	Due Date
Outline / Obtain Volunteers	Gordon Meth	11/22
Draft	Gordon Meth	2/23
ITE Review	Doug Noble	3/23
Final	Gordon Meth	4/23
Webinar	Gordon Meth	5/23

Curbside Management Guidance

The importance and use of curbside solutions has accelerated rapidly during the COVID-19 pandemic. Two forms of management prevail. The first is the replacement of curbside parking with new loading and parking regulations for higher-capacity uses, such as rideshares, bike docks and urban delivery vehicles, popularized by prominent early examples in New York City. The second is the removal of travel lanes to accommodate lanes for bicycles, buses and micro-mobility devices. The Traffic Engineering Council intends to begin a project to monitor these changes (some of which continue to evolve). It is anticipated that this effort will continue past 2023, but a webinar will be presented in the fourth quarter of 2023 based on early findings.

Project 6 Pathway to Success

Deliverables	Responsible Party	Due Date
Outline / Obtain Volunteers	Barbara Mosier	3/23
Draft	Barbara Mosier	7/23
Peer Review of Draft	Doug Noble	8/23
Final Draft	Barbara Mosier	10/23
Webinar	Barbara Mosier	12/23

Traffic Engineering Communication/Action Plan 2023

Product/Project/Initiative

Cybersecurity for Surface Transportation

Technology innovation has increasingly been a defining element of the transportation sector, making systems safer and more efficient. However, the increased reliance on technology brings increased risks in cybersecurity. Cyberattacks can cause significant disruptions to vital transportation systems and services, potentially causing safety and economic problems. The Traffic Engineering Council intends to begin a project to monitor this issue (part of which continue to evolve). It is anticipated that this effort could continue past 2023, with 12/23 being an interim milestone of issues and state of the practice assessment.

Project 1 Pathway to Success

Deliverables	Responsible Party	Due Date
Outline	TBD	2/23
Obtain Volunteers	TBD	3/23
Draft	TBD	8/23
Peer Review of Draft	Doug Noble	9/23
Final Draft	TBD	10/23
Final Project	TBD	12/23

Pavement Marking Condition Assessment

Project still in formation stage

Project 2 Pathway to Success

Deliverables	Responsible Party	Due Date
Outline	Gordon Meth	6/23

Traffic Engineering Communication/Action Plan 2023

Standing Committee Action Plan Addenda

Roundabout Standing Committee

The action plan can be found here on Teams:

Joint Rail Grade Crossing Standing Committee

The action plan can be found here on Teams: [2023 CAP Joint Rail Grade - Rev 0 - 2022 12 11.docx](#)

Traffic Engineering Communication/Action Plan 2023

Roundabout Standing Committee

Committee Overview

The Institute of Transportation Engineers' Roundabout Committee is a standing committee of the Traffic Engineering Council. It was established to lead the industry's transition to roundabouts.

Vision: Roundabouts are considered 10x+ safer than traffic control signals when considering intersection improvements.

2023 Mission: Provide information, content and guidance to the community that helps accelerate roundabout deployment and advances the state of the art, address issues/challenges and spread knowledge of the benefits of modern roundabouts.

Member Value Goals

1. Provide a robust community of technical support
2. Consistently deliver meaningful content (quarterly)
3. Have an active e-community with good discussion

Committee Goals

1. Emphasize/showcase well-designed roundabouts in Traffic Safety Council>Vision Zero Task Force products
2. Monitor/support quality roundabout information in Traffic Engineering Council>Traffic Calming products & ITE Journal topics/articles
3. Annual celebration and support of National Roundabouts Week with expanded information outreach to mainstreaming Roundabouts

Executive Committee

Position	Name	Contact
Chair	Ken Sides	Ksides@samschwartz.com
Vice Chair	Joe Balskus	Jbalskus@vhb.com
Staff Liaison		
Secretary	Claudio Figueroa	claudio.figueroa03@gmail.com
Committee Advisor	Mark Johnson	mark@mtjengineering.com
Webinar Committee Liaison		
Board Liaison		

Traffic Engineering Communication/Action Plan 2023

Project Summary

Project	Task Owner	Final Due Date	Set up for Success?			
			One ITE Liaison Involvement	Volunteers assigned to support	# of Volunteers Needed	ITE Staff Approval & ITE Forms
ITE Session of TRB Annual Meeting Committee Mtng	Ken Sides	January			1	
ITE Transportation Achievement Award Support with Roundabout	Ken/Joe	March			6	
Social Media for National Roundabouts Week	Exec. Committee	August			1	
ITE Annual Meeting Sponsored Sessions	Joe Balskus	November			0	
Special Projects (TBD) - Quick Bites and Education/Laws	Exec. Committee	September			8	
Developing Trends	Joe Balskus	TBD			3	
2024 Action Plan	Ken Sides	December			2	

Traffic Engineering Communication/Action Plan 2023

Webinar Summary

Traffic Engineering Communication/Action Plan 2023

Joint Rail Grade Crossing Standing Committee

Committee Overview

2023 Mission

Develop, assemble and disseminate information regarding grade crossing safety and operations with a focus on engineered treatments.

Goals

1. Develop webinars based upon the adopted Recommended Practice for Preemption of Traffic Signals Near Railroad Grade Crossings.
2. Advance identified work products concerning Active Another Train Coming Sign, Bicycle Crossings, and Connected and Autonomous Vehicles.
3. Solicit young professionals to participate in committee activities and to improve our communications.

Executive Committee

Position	Name	Contact
Chair	Karen Hankinson	Karen.hankinson@railpros.com
Vice Chair	Nicole Jackson	njackson@benesch.com
Staff Liaison	Doug Noble	Dnoble@ite.org
Secretary	Gyan Sinha	Gyan.sinha@kimley-horn.com
Webinar Committee Liaison	Nicole Jackson	njackson@benesch.com
Board Liaison	Chair, Vice Chair	

One ITE Liaison Roster

Position	Name	Contact
District Liaison	Open	
Council Liaison	Karen Hankinson	
Committee Liaison	Refer to "Third Party Liaison" Listing	

Project Summary

Traffic Engineering Communication/Action Plan 2023

Project	Task Owner	Final Due Date	Set up for Success?			
			One ITE Liaison Involvement	Volunteers assigned to support	# of Volunteers Needed	ITE Staff Approval & ITE Forms
Active Another Train Coming Sign Informational Report	Brent Ogden	TBD	Doug Noble	From within GC Committee	As Needed	
Bicycle Crossings Informational Report	Nino Genoese	February 2024	Doug Noble	Walter Okitsu; Randy McCourt Aaron Marx; Brendan Pittman; Lauren Jumanan; Mike Williams; Nicole Aquino; Karen Hankinson	We are set on volunteers!	Doug Noble and Randy McCourt
CAVs and Grade Crossings White Paper	Alyssa Phaneuf	November 2023	TBD			
Develop Annual Meeting Session	Karen Hankinson & Executive Team	November each year	Doug Noble	-	-	-
Maintain Web Page	Gyan Sinha	Quarterly Updates	-	-	-	-

Traffic Engineering Communication/Action Plan 2023

Webinar Summary

Assigned webinar date	Webinar topic	Set up for Success?				Success Record	
		Abstract prepared	Assigned moderator	Presenters	Outreach planned (social media, etc.)	Delivered on time	Number of attendees
	Roundabout Topic TBD			2			