

# ILLINOIS INTERCHANGE

Vol. 2018-01



## SURVEY

By: Tim Peters, Local Policy & Technology Engineer

IDOT's Technology Transfer Center is a part of a larger national program, the FHWA's Local Technical Assistance or LTAP program. There are LTAP programs in all 50 states and Puerto Rico. FHWA is conducting a survey to help them determine the strategic direction of the LTAP program. We are asking local agencies to participate in the survey. We emailed the survey out through our subscription service. A link to the survey will also be provided at the end of this article.

This survey is important because it will determine where FHWA places future funding for training and what types of training they encourage delivery of. Some of the survey questions ask about online training. Is there training you want to have delivered in person, or is online training more effective? When you consider online training, do you want online training where the training takes place at a certain time with a live instructor and group discussions or are videos that you can access when you want them more effective for your agency? Is online training accessible by all members of your agency that don't use computers as part of their job?

The survey also asks you to consider the future training needs of your agency. Does your agency have a stable workforce where you expect people to remain in the agency or is your agency facing retirements or turn-over? How does that affect your training needs?

Different jobs in local transportation agencies have different training needs and different possible suppliers. We hope the IDOT T2 (LTAP) program will continue to be an effective supplier for your training and technical support for your agency. We share information and course materials with the other LTAP centers, so the direction of the national program will influence our future direction here in Illinois.

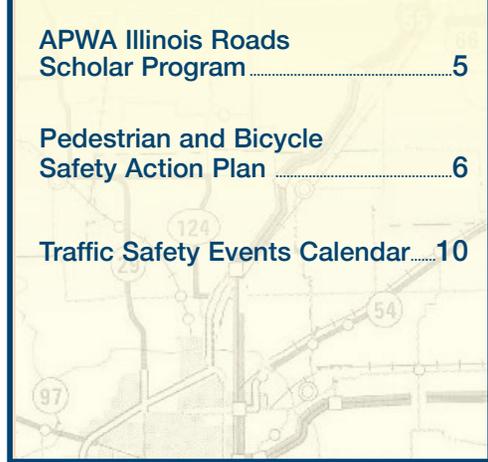
We appreciate you taking time from your busy schedule to complete this survey.

Here is the link to the survey. This survey is only open through March 2, 2018.

[www.surveymonkey.com/r/LANA1](http://www.surveymonkey.com/r/LANA1)

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Please pass this on to other interested parties in your office.

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## 2017 IDOT LOCAL ROADS AND STREETS

By: Barry Kent, Technology Transfer Program Manager

*Standing from Left to Right*

**District 1:** Moud Ahmad, Kevin Stallworth, Zubair Haider, Chris Holt, Marilyn Solomon, Ami Wenz, Chad Riddle, Temi Latinwo

**District 2:** Shawn Ortgiesen, Kevin Klenz, Kevin Donner, Laura Connolly, Tony Baratta, Ron Gaulke, Colby Ardis

**District 3:** Steve Chery

**District 4:** Ricardo Recendez, Simon Alwan, Carrie Bradle, Bonnie Frakes

**District 5:** Chris Greeson, Tim Roark, Randy Austin, Brian Trygg, Dara McClain, Ben Setzer, Cindy Shupe

**Central Bureau:** Tom Winkelman

**District 6:** Kayla Friederich, Susan Shattuck, Mike Ayorinde

**District 7:** Greg Palmer, Sherry Phillips, Carly Boyer, Tom Kreke, Barb Shelton, Nita Miller, Katie Venetis

**District 8:** Catherine Mikolay, Jim Mollet, Rob Barttelbort, Pattie Conover, Josh Hensley, Jon Schaller, Janet Delaney, Dan Sommer

**District 9:** Lance Gribble, George Shepard, Dennis Hillebrenner, Jay Kranz

*Kneeling from Left to Right*

**Central Bureau:** Barry Kent, Mohammed Hameed, Melinda Kos, Amy Whitecotton, Bill Raffensperger, Deb Baxter, Debbie Jarvis, Maureen Kastl, Tim Peters, Stephanie Stoverink, Greg Lupton, Stephane Seck Birhame, Holly Primm, Doug Delong, Mark Reitz.

## WEB MOTOR FUEL TAX (WMFT system)

On September 30th, 2017, the Technology Transfer Center presented WMFT training for IDOT Local Roads and Streets staff from all 9 Districts and Central Bureau Local Roads. The event focused on training for the Web-Based Motor Fuel Tax system. IDOT Local Roads and Streets staff from all 9 Districts traveled to Springfield to meet with the Central Bureau LR&S staff to hold the training. The event was well received and concluded with a group picture of the attendees.

# 2017 GENERAL ADMINISTRATIVE DUTIES OF THE TOWNSHIP HIGHWAY COMMISSIONERS

By: Barry Kent, Technology Transfer Program Manager

The 2017 General Administrative Duties of the Township Highway Commissioners training was a huge success in 2017. Final attendance of 501 for the 14 training sessions was the biggest turnout on record. The training was held around the State of Illinois in 14 different locations. The folks from Township Officials of Illinois (TOI) and Township Officials of Illinois Risk Management Association (TOIRMA) presented the Budget and Levy at each of the locations. We also had a combination of County Engineers, State Senators, IDOT District personnel and IDOT T2 staff present topics at each of the locations. We look forward to 2021 with even more ideas on how to enhance the training. Please see the attached

2017 General Administrative Duties of the Township Highway Commissioner Training				
Date	Location	District	T2 - Presenter	Attendance
7/27/2017	Effingham County Emergency Operations Center in Effingham, IL	7	Barry Kent	56
8/10/2017	IDOT Central Office Hanley Auditorium in Springfield, IL	6	Barry Kent	21
8/15/2017	District 3 Headquarters in Ottawa, IL	3	Tim Peters	34
8/17/2017	John A. Logan College in Carterville, IL	9	Barry Kent	28
8/22/2017	St Clair County Courthouse Board Room in Belleville, IL	8	Tim Peters	30
8/23/2017	Geneseo Community Park District Community Center in Geneseo, IL	2	Stephanie Stoverink	35
8/24/2017	Carroll County Farm Bureau in Mt Carroll, IL	2	Stephanie Stoverink	29
8/29/2017	Madison County Highway Department in Edwardsville, IL	8	Cancelled	0
8/30/2017	Kankakee Community College in Kankakee, IL	3	Stephanie Stoverink	24
8/31/2017	Rockford Mass Transit District in Rockford, IL	2	Stephanie Stoverink	33
9/6/2017	Urbana Civic Center in Urbana, IL	5	Barry Kent	57
9/8/2017	Schuyler County Highway Department in Rushville, IL	6	Tim Peters	43
9/12/2017	American Legion in Knoxville, IL	4	Barry Kent	53
9/13/2017	Morton Township Building in Morton, IL	4	Tim Peters	28
9/15/2017	District 1 Headquarters in Schaumburg, IL	1	Tim Peters	30
8:00-8:30 Signup		8:30-4:00 Training		<b>Total</b>
				<b>501</b>

Contact your County Engineer for more information

2017 General Administrative Duties of the Township Highway Commissioner Training Agenda		
Time	Topic	Presenter
8:00-8:30	Registration and Sign-Up	IDOT Technology Transfer Center Staff
8:30-8:45	Welcome and Introductions	IDOT Technology Transfer Center Staff
8:45-9:45	<b>Do's and Don'ts (Prevailing Wage, Social Media, Open Meetings Act, FOIA)</b>	<b>John Redlingshafer, Attorney</b> Heyl, Royster, Voelker & Allen, P.C
9:45-10:30	<b>Small Drainage/Bridge Inspection</b>	<b>Duane J. Ratermann, P.E.</b> Knox County Engineer
10:30-10:45	<i>Stretch, Break, Ask Questions</i>	<i>Stretch, Break, Ask Questions</i>
10:45-11:30	<b>Traffic Signs/MUTCD</b>	<b>Barry Kent</b> IDOT Technology Transfer Center Staff
11:30-12:30	Lunch	Sponsors
12:30-1:15	<b>Budget/Levy</b>	TOIRMA or TOI
1:15-2:00	<b>Motor Fuel Tax (MFT)</b>	<b>Deb Baxter, TWM Consulting</b>
2:00-2:15	<i>Stretch, Break, Ask Questions</i>	<i>Stretch, Break, Ask Questions</i>
2:15-3:00	<b>Seal Coating</b>	<b>Rick Beyers</b> Asphalt Materials, Inc. & Emulsicoat, Inc.
3:00-3:45	<b>Working Together</b> <b>Intergovernmental Agreements and Emergency Management</b>	<b>Nicole L. Grube, P.E.</b> Fulton County Engineer
3:45-4:00	Open Discussion/Adjourn	IDOT Technology Transfer Center Staff



## WINTER IS HERE

Winter is here, and this means the Illinois Technology Transfer Center will, as usual, be offering Snow & Ice Control training for local government agencies around Illinois. The only problem is our training classes are so popular, they fill up very quickly. But don't panic! We have searched the world over and we have found a very good training resource for you and your Winter Operations crew.

The Iowa Department of Transportation has created an entire video training series dedicated to every aspect of Snow & Ice Control operations; and this training series is available to view, at no cost, on YouTube. The title of the series is "Iowa DOT – Winter Operations Training Series 1-15". (Simply type this title into the YouTube search box). There are 15 training videos in the series, and each video offers training in different aspects of Winter Operations. Each video's subject matter is as follows along with a link to the video:

- **Video #1**  
**Introduction to Snow Removal**  
(<https://www.youtube.com/watch?v=2SyzNWFuG38>)
- **Video #2**  
**Preseason Truck Preparation**  
(<https://www.youtube.com/watch?v=kmqfJpgoH98>)
- **Video #3**  
**Preseason Plow Preparation**  
([https://www.youtube.com/watch?v=fe2uS\\_v2Yyo](https://www.youtube.com/watch?v=fe2uS_v2Yyo))
- **Video #4**  
**Regular Equipment Checks**  
(<https://www.youtube.com/watch?v=0n17ahcBP1Q>)
- **Video #5 - Radio Procedures**  
(<https://www.youtube.com/watch?v=xZRu8qF2QaE>)
- **Video #6 - Proper Clothing**  
(<https://www.youtube.com/watch?v=xZRu8qF2QaE>)
- **Video #7**  
**Snow Plowing Techniques**  
(<https://www.youtube.com/watch?v=GDexQ6Cnt80>)
- **Video #8 - Winging Techniques**  
(<https://www.youtube.com/watch?v=mh08Hvakkf8>)
- **Video #9 - Ice Blading Techniques**

(<https://www.youtube.com/watch?v=GHatq4D2li4>)

- **Video #10 - V-plow Techniques**  
(<https://www.youtube.com/watch?v=Ji4BeyH8EhA>)
- **Video #11 - Anti-icing and Deicing**  
(<https://www.youtube.com/watch?v=tVY4y4cE2vo>)
- **Video #12 - How Deicing Chemicals Work**  
(<https://www.youtube.com/watch?v=oq9mrTxrrDI>)
- **Video #13**  
**Application Techniques**  
(<https://www.youtube.com/watch?v=Hinnw4Drbs3Q>)
- **Video #14 - Snow Fences**  
(<https://www.youtube.com/watch?v=ygW00AYhWF8>)
- **Video #15**  
**Using Winter Weather Resources**  
(<https://www.youtube.com/watch?v=0pF4sxABiic>)

Even though these training videos are specifically about the Iowa DOT, they are very good for training local roadway maintenance crews here in Illinois. And speaking of Illinois, go ahead and check out the IDOT website for other Snow & Ice Control resources.

# HEY T2 SUBSCRIBERS

Check out the **APWA Chicago Metro Chapter video for Public Works Employees!**

APWA Chicago Metro Chapter posted it on their Chapter FB page and YouTube channel....

- **FB link:** <https://www.facebook.com/APWAChicagoMetro/videos/1564593536951938/>
- **YouTube link:** <https://www.youtube.com/watch?v=OLNnSI8EwWs>

It was a parody based on the “You’re Welcome” song in the movie Moana



**APWA Illinois Roads Scholar Program**  
 May 7-11, 2018  
 Keller Convention Center, Effingham, IL

## 2018 IRSP SCHEDULE

Monday, May 7	Tuesday, May 8	Wednesday, May 9	Thursday, May 10	Friday, May 11
<b>12:30PM-2PM</b> REGISTRATION	<b>6:30AM-7:30AM</b> BREAKFAST	<b>6:30AM-7:30AM</b> BREAKFAST	<b>6:30AM-7:30AM</b> BREAKFAST	<b>6:30AM-7:30AM</b> BREAKFAST
<b>2PM-3:30PM</b> OPENING SESSION Steve Ludwig	<b>7:30AM-11:30AM</b> PLAN SETS, GRADE SETTING, & GIS John Whitehouse, EEI Engineering, Inc.	<b>7:30AM-11:30AM</b> 10-HOUR OSHA OSHA Certificate	<b>7:30AM-11:30AM</b> PIPE MATERIALS/ CONSTRUCTION TECHNIQUES TBD	<b>7:30AM-10:30AM</b> I AM THE MACHINE Strategies for long term success in a physically demanding career. Dr. Amanda Carpenter, C.O.R. Ergonomic Solutions
<b>3:30PM-6:30PM</b> COLORS Basic Montgomery	<b>11:30AM-12:30PM</b> LUNCH	<b>11:30AM-12:30PM</b> LUNCH	<b>11:30AM-12:30PM</b> LUNCH	
<b>Conflict Through Colors</b> Steve Ludwig	<b>12:30PM-4:30PM</b> ADA RIGHT-OF-WAY ACCESSIBILITY GUIDELINES IDOT T2	<b>12:30PM-4:30PM</b> 10-HOUR OSHA OSHA Certificate	<b>1PM-4PM</b> MUTCD/ROADWAY SIGNING IDOT T2	<b>10:30AM-NOON</b> TEAM LEADERSHIP Steve Ludwig
<b>6:30PM</b> DINNER	<b>DINNER</b> On Your Own	<b>DINNER</b> On Your Own	<b>5:30PM</b> DINNER Indoor/Outdoor Picnic	<b>WRAP UP</b> Steve Ludwig

**\$695**

**REGISTRATION FEE**

- Registration Deadline is April 18, 2018  
 Registration includes classes, materials, breaks & these meals:
- Breakfast Tuesday through Friday
  - Lunch on Tuesday through Thursday
  - Dinner on Monday and Thursday

**QUESTIONS TO:**

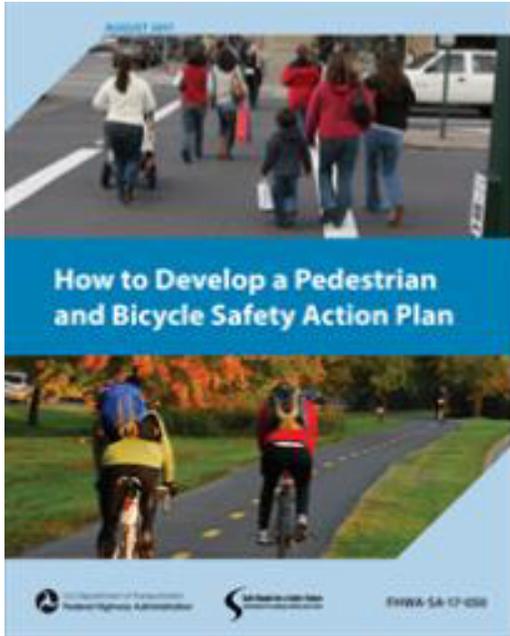
Steve Ludwig  
 steve@ludwigspeaks.com  
 847-344-9325





Revised!

# HOW TO DEVELOP A PEDESTRIAN AND BICYCLE SAFETY ACTION PLAN



The FHWA Safety Office worked to update and re-issue the revised guide entitled, How to Develop a Pedestrian and Bicycle Safety Action Plan, which helps State and local officials decide where to begin to address pedestrian and bicycle safety issues. The guide, issued fall of 2017, is designed to help agencies enhance their existing safety programs and activities, including identifying safety problems and selecting optimal solutions.

The guide also serves as a reference for improving pedestrian and bicyclist safety through a multidisciplinary and collaborative approach to safety, including enhanced street designs and countermeasures, policies, and behavioral programs. Engineers, planners, traffic safety, and enforcement professionals; public health and injury prevention professionals; and decision makers who have the responsibility

Simple objectives for what a Pedestrian and Bicycle Safety Action Plan should accomplish include:

- Acknowledging the unique needs of pedestrians and bicyclists among road users and lay out clear, measurable goals for improving their safety.
- Being data-driven and based on a complete understanding of the safety problem.
- Taking steps to ensure that all members of the community have opportunities to provide their input, because the plan is a reflection of the community's goals and vision.
- Using audits and crash types to diagnose a safety problem accurately so that the policy, design, and behavioral interventions selected properly address the problem.
- Including specific recommendations for funding and supporting those recommendations with data or factual information.

The guide also offers options for funding strategies and a variety of other resources for planning and implementing identified countermeasures, projects, and activities. For more information, contact Tamara Redmon [tamara.redmon@dot.gov](mailto:tamara.redmon@dot.gov).

[https://safety.fhwa.dot.gov/ped\\_bike/ped\\_focus/docs/fhwasa17050.pdf](https://safety.fhwa.dot.gov/ped_bike/ped_focus/docs/fhwasa17050.pdf)

The following, from the National Highway Traffic Safety Administration, is a calendar of nationwide safety weeks and conferences throughout the year, including the sponsor and web address for each event.



## 2018 HIGHWAY TRAFFIC SAFETY EVENTS CALENDAR

DATE	EVENT	SPONSOR	WEB LINK
January 7–11	Transportation Research Board Conference (Washington, DC)	Transportation Research Board	<a href="http://www.trb.org">www.trb.org</a>
January 24–26	SAE Government/Industry Meeting (Washington, DC)	American Iron and Steel Institute	<a href="http://www.sae.org/servlets/index">www.sae.org/servlets/index</a>
April 22–24	Lifesavers 2018 Conference (San Antonio, TX)	Multiple public and private organizations	<a href="http://www.lifesaversconference.org">www.lifesaversconference.org</a>
TBD	National Work Zone Awareness Week	Federal Highway Administration	<a href="http://www.ops.fhwa.dot.gov/wz/outreach/wz_awareness.htm">www.ops.fhwa.dot.gov/wz/outreach/wz_awareness.htm</a>
April (Entire Month)	National Distracted Driving Awareness Month	NHTSA	<a href="http://www.distraction.gov">www.distraction.gov</a>
April (Entire Month)	Alcohol Awareness Month	National Institutes of Health	<a href="http://www.nih.gov">www.nih.gov</a>
May (Entire Month)	National Youth Traffic Safety Month	National Organizations for Youth Safety	<a href="http://www.noys.org">www.noys.org</a>
May (Entire Month)	Motorcycle Safety Awareness Month	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
May (Entire Month)	National Bicycle Safety Month	NHTSA	<a href="http://www.trafficsafetymarketing.gov/BicycleSafety">www.trafficsafetymarketing.gov/BicycleSafety</a>
May 9	Bike to School Day	National Center for Safe Routes to School	<a href="http://www.walkbiketoschool.org/ready/about-the-events/bike-to-school-day">www.walkbiketoschool.org/ready/about-the-events/bike-to-school-day</a>
May 13 – May 19	National Police Week	The National Law Enforcement Officers Memorial Fund	<a href="http://www.nleomf.com">www.nleomf.com</a>
May 15 – June 4	Click It or Ticket Mobilization	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
May 20–26	EMS Week	American College of Emergency Physicians	<a href="http://www.acep.org/emswk">www.acep.org/emswk</a>
June 6	Secure Your Load Day	Robin Abel	<a href="http://www.secureyourload.com">www.secureyourload.com</a>
June 18	Ride to Work Day	NHTSA	<a href="http://www.ridetoworkday.org">www.ridetoworkday.org</a>
TBD	Tire Safety Week	Rubber Manufacturers Association	<a href="http://www.rma.org">www.rma.org</a>
TBD	National Stop on Red Week	Federal Highway Administration	<a href="http://safety.fhwa.dot.gov/intersection/redlight/outreach/">http://safety.fhwa.dot.gov/intersection/redlight/outreach/</a>
August 12–15	Training Conference on Drugs, Alcohol and Impaired Driving (Place TBD)	IAACP, NHTSA	<a href="http://www.theiacp.org/dreconference">www.theiacp.org/dreconference</a>
August 16 – September 3	Drive Sober or Get Pulled Over Mobilization	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
TBD	Governors Highway Safety Association (GHSA) Annual Meeting (Place TBD)	Governors Highway Safety Association	<a href="http://www.ghsa.org/html/meetings/index.html">www.ghsa.org/html/meetings/index.html</a>
September 17–23	Child Passenger Safety Week	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
September 23	National Seat Check Saturday	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
October 1–5	Drive Safely Work Week	Network of Employers for Traffic Safety	<a href="http://trafficsafety.org/drivesafelyworkweek/about-dsww.php">http://trafficsafety.org/drivesafelyworkweek/about-dsww.php</a>
October 3	Walk to School Day	National Center for Safe Routes to Schools	<a href="http://www.walkbiketoschool.org">www.walkbiketoschool.org</a>
October 6-9	Int'l Association of Chiefs of Police Annual Conference & Expo (Orlando, FL)	Multiple public and private organizations	<a href="http://www.theiacp.org">www.theiacp.org</a>
October 14–20	National Teen Driver Safety Week	CHOP and NHTSA	<a href="http://www.teendriversource.org">www.teendriversource.org</a> <a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>
October 22–26	National School Bus Safety Week	National Association of Pupil Transportation	<a href="http://www.napt.org">www.napt.org</a>
October 25–28	Int'l Forum on Traffic Records and Highway Safety Info. Sys. (Place TBD)	Association of Transportation Safety Information Professionals	<a href="http://www.atsip.org">www.atsip.org</a>
December (Entire Month)	National Drunk & Drugged Driving Prevention Month (3D)	Office of National Drug Control Policy (ONDCP)	<a href="http://www.whitehouse.gov/ondcp">www.whitehouse.gov/ondcp</a>
December 18 – January 3, 2019	Drive Sober or Get Pulled Over Mobilization	NHTSA	<a href="http://www.trafficsafetymarketing.gov">www.trafficsafetymarketing.gov</a>



The Technology Transfer (T2) Program is a nationwide effort financed jointly by the Federal Highway Administration and individual state departments of transportation. Its purpose is to transfer the latest state-of-the-art technology in the areas of roads and bridges by translating the technology into terms understood by local and state highway or transportation personnel.

The Illinois Interchange is published quarterly by the Illinois Technology Transfer Center at the Illinois Department of Transportation. Any opinions, findings, conclusions, or recommendations presented in this newsletter are those of the authors and do not necessarily reflect views of the Illinois Department of Transportation, or the Federal Highway Administration. Any product mentioned in the Illinois Interchange is for informational purposes only and should not be considered a product endorsement.

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Visit our website at

[www.idot.illinois.gov/transportation-system/local-transportation-partners/  
county-engineers-and-local-public-agencies/technology-transfer-center/index](http://www.idot.illinois.gov/transportation-system/local-transportation-partners/county-engineers-and-local-public-agencies/technology-transfer-center/index)