

# FY2023 T2 FALL TRAINING PROGRAM





# Illinois Technology Transfer Center Training Program



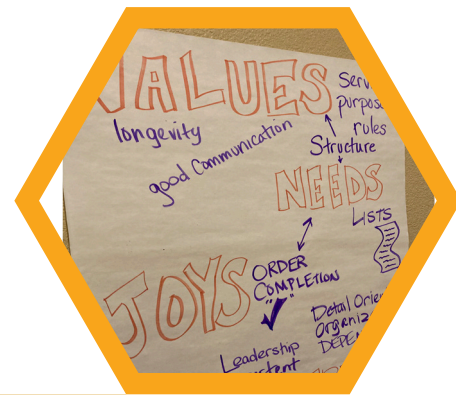
The Technology Transfer (T2) Program is a nationwide effort financed jointly by the Federal Highway Administration and individual state departments of transportation. Its purpose is to transfer the latest state-of-the-art technology in the areas of roads and bridges by translating the technology into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

After reading about our training classes, please complete the online [enrollment form](#). Review our enrollment policy, as we have limited seating in some of our classes and in most cases, our seating is open to local agency personnel on a first-come, first-served basis. If you are not able to attend a class, please contact us as soon as possible so we may offer the spot to those on our waiting list. Notifying us in advance of substitution of students is also appreciated.

If you have any additional questions regarding our training program, please contact us.

Illinois Technology Transfer Center  
Illinois Department of Transportation  
2300 S. Dirksen Parkway, Room 208  
Springfield, IL 62764

For more information,  
please visit the [T2 website](#).



## Meet the T2 Team



### Tim Peters

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Bureau of Local Roads and Streets  
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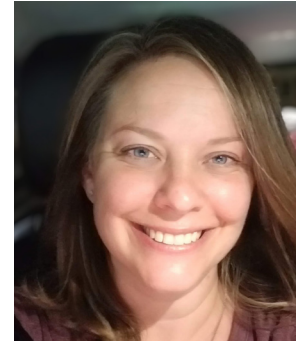


### Barry Kent

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### Stephanie A. Stoverink

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### Lisa Godfrey

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# Online Enrollment

Please register online for all courses [here](#).

The courses listed on the following pages constitute the Technology Transfer Training Program and are scheduled to be presented on the dates and locations indicated. These classes are all tuition-free, unless otherwise noted. Travel, meals and lodging expenses are always the responsibility of the student.

## ENROLLMENT

We invite your agency to enroll students in the classes you desire by completing our online [enrollment form](#).

It is important that you enroll early. Some classes fill up quickly, and we may not be able to schedule additional classes.

In cases of excess enrollment, some attendance restrictions will be imposed. In cases of insufficient enrollment, classes may be cancelled. Enrollment in a class will be handled in accordance.

The contact person listed on the online enrollment form will receive an email approximately 24-48 hours prior to the class confirming their registration and providing the classroom/location information. If the class fills up, the applicant will be notified by email that they have been placed on a waiting list and will be contacted if there are cancellations.

## CANCELLATION POLICY

If a student is unable to attend, it is the agency's responsibility to cancel at least 24 hours prior to the class. Frequent no shows may result in your agency receiving lower priority in future enrollments.

## CONSULTANT POLICY

Enrollment for consultants will be allowed in all Technology Transfer training classes except for local agency only classes. Due to the popularity of our classes, we must limit each consulting firm to a maximum of four attendees per class.

## CERTIFICATES

A certificate of completion will be awarded to students who successfully complete the final examination for the class. In classes where final exams are not given, a certificate of attendance will be awarded. The majority of T2 classes meet the requirements for Professional Development Hours. The number of PDHs given per class can be found with the course description; however, it is the student's responsibility to ensure that the course meets the continuing education requirements of their license.

For questions, please email Barry Kent at Technology Transfer Program Manager [Barry.Kent@illinois.gov](mailto:Barry.Kent@illinois.gov) or call 217-785-2350 or 217-720-2300.

- If you are interested in hosting a training session or are interested in a specific session that is not currently being offered in your area, please email your request to any Technology Transfer Center staff member.
- Please continue to check your email for Technology Transfer Center announcements of additional classes being held during the fall training session.
- Please direct Flagger/Real Colors class requests and all questions about either training program to the T2 training development technician, Stephanie Stoverink, at [Stephanie.A.Stoverink@illinois.gov](mailto:Stephanie.A.Stoverink@illinois.gov) or call 217-557-1910.

## NOTE: CHANGES TO SCHEDULING OF FLAGGER TRAININGS

IDOT recommends retraining flaggers every three years. Flaggers who have not been trained in the last three years should be scheduled for training or use the online version of Flagger Safety training.

Flagger training sessions are scheduled regionally throughout the state. Additional trainings may be added and announced monthly from the T2 email subscription service. However, our capacity to add classes is limited. If your agency has a training room that is computer/projector accessible, will seat at least 50 participants and is open to employees from other agencies, please email Stephanie Stoverink or Barry Kent to be considered for a class onsite at your location.

The U.S. Department of Labor and the Illinois Department of Labor have not specifically defined flagging as a hazardous job. However, the Illinois Department of Transportation recognizes that certain hazards and risks come with the job. Therefore, registration for and participation in flagger training classes and activities are limited to participants aged 18 and up.



## 2023 Fall Training Schedule

Please register online for all courses [here](#).

<b>Flagger Trainings:</b>	- Joliet - Bloomington - Bloomington - Springfield - Ogle County	October 11 October 18 October 18 November 1 November 7	9:00 a.m. 9:00 a.m. 1:00 p.m. 9:00 a.m. 8:00 a.m.
<b>Illinois Statutes and Rules for Professional Engineering</b>	Webex	October 3	9:00 a.m.
<b>Repairing Pipe Culverts with Pipe Liners</b>	Webex	November 15	9:00 a.m.
<b>Snow and Ice Control Training</b>	Webex	November 16	1:00 p.m.
<b>Plant Mix Asphalt: Design, Construction, Maintenance and Rehabilitation</b>	Champaign Asphalt	October 26	9:00 a.m.
<b>Smart Roadway Lighting Solutions/Energy Cost Savings and Utility Rebates with Smart LED Street Lights and Controls</b>	Webex	November 29	9:00 a.m.
<b>PASER</b>	Starved Rock	November 30	9:00 a.m.
<b>Workplace Diversity</b>	Webex	December 13	9:00 a.m.
<b>Drones 201: Enhancing Safety and Productivity in Transportation Projects via Drone Technology</b>	Webex	November 7	9:00 a.m.
<b>Seal Coats (Oil &amp; Chipping)</b>	Webex	November 1	9:00 a.m.

# 2023 Fall Training Course Descriptions

## Flagger Training

**Overview:** This class provides training to local agency personnel for their day labor and maintenance activities. It meets requirements established by the Manual on Uniform Traffic Control Devices and the Occupational Safety and Health Administration.

**Prerequisites:** This course is available to local agency highway personnel holding a valid driver's license or an Illinois identification card from the Secretary of State.

**Topics Covered:** Traffic control devices, the flagger's role in work zone safety, Illinois laws and responsibilities, and flagging procedures.

- **Length:** ½ day
- **PDHs:** 3.0
- **Instructor:** Stephanie Stoverink (IDOT)

## Illinois Statutes and Rules for Professional Engineering

**Overview:** This meets the required new IDFPR rules for PDH course requirements.

- **Length:** 1 hour
- **PDHs:** 1.0
- **Instructor:** Tim Peters (IDOT)

## Repairing Pipe Culverts with Pipe Liners

**Overview:** This course will provide guidance for repair of pipe culverts using one of four different types of pipe liners currently supported by IDOT policy. An overview of each liner type, including applicability, construction requirements, and plan and specification requirements, will be provided.

- **Length:** 1 hour
- **PDHs:** 1.0
- **Instructor:** Mark Shaffer (IDOT)

## Snow and Ice Control Training

**Overview:** The course provides training to local agency personnel for their winter snow and ice operations.

**Topics Covered:** Planning for snow and ice operations, weather information sources, equipment, snow and ice chemicals, chloride and the environment, level of service, and post-storm activities.

- **Length:** ½ day
- **PDHs:** 3.0
- **Instructor:** Tim Peters (IDOT)

## Plant Mix Asphalt: Design, Construction, Maintenance and Rehabilitation

**Overview:** Participants will learn about: Proper pavement design procedures including Modified AASHTO and M-E Design of flexible pavements; plant mix design procedures including volumetric properties, performance criteria and additives; importance of proper construction techniques, equipment and inspection; effective use of maintenance treatments; and rehabilitation techniques for existing pavements. Plant tour in the afternoon.

- **Length:** ½ day
- **PDHs:** 4.0
- **Instructor:** Kevin Burke III (Illinois Asphalt Pavement Association)

## Smart Roadway Lighting Solutions/ Energy Cost Savings & Utility Rebates with Smart LED Street Lights and Controls

**Overview:** This course will focus on why Smart LED lighting is a financially and environmentally sound choice for municipalities and communities. Smart LED roadway lighting, sensors and controls provide energy cost savings through efficient lighting, reduced maintenance and utility rebates.

- **Length:** 1 hour
- **PDHs:** 1.0
- **Instructor:** Matt O'Brien (The Will Group/TWG Infrastructure Solutions)

## PASER

**Overview:** This course is intended to assist local officials in understanding and rating the surface condition of asphalt, concrete, sealcoat and gravel pavements. It will describe types of defects and provides a simple system to visually rate pavement conditions. It also will present how to use the ratings to assist in planning and budgeting. The course will consist of both classroom lecture and practicing rating roads in the field.

- **Length:** 1 day
- **PDHs:** 5.0
- **Instructor:** Brian Tjernlund (Assistant Lee County Engineer)

## Workplace Diversity

**Overview:** This course will provide workplace diversity training.

- **Length:** 1 hour
- **PDHs:** 0.0
- **Instructor:** T2 Team (IDOT)

## Drones 201: Enhancing Safety and Productivity in Transportation Projects via Drone Technology

**Overview:** To provide comprehensive insights into the utilization of drone technology in transportation projects, focusing on safety enhancement, efficiency improvement, and compliance with legal and ethical considerations.

- **Length:** 1 hour
- **PDHs:** 1.0
- **Instructor:** Christopher Mason (American Survey)

## Seal Coats (Oil & Chipping)

**Overview:** Describes the materials, application rates, equipment and quantities in the construction of seal coating.

- **Length:** ½ day
- **PDHs:** 3.0
- **Instructor:** Consultant

# OnDemand Virtual Training Courses

To access our OnDemand virtual training courses, visit the online portal [here](#).



Learning Management System

Course Catalog: BLRS - Bureau of Local Roads and Streets

Course Title	Description	Enroll
BLRS - 2021 General Admin Duties of the Highway Commissioners	BLRS - 2021 General Admin Duties of the Highway Commissioners - PDH=0 <a href="#">More info</a>	Select
BLRS - 2021_National_Work_Zone	BLRS - 2021_National_Work_Zone - PDH=0 <a href="#">More info</a>	Select
BLRS - 2022 - IACE - County ELDS - Illinois Public Sector Labor Relations	BLRS - 2022 - IACE - County ELDS - Illinois Public Sector Labor Relations <a href="#">More info</a>	Select
BLRS - 2022 BLRS HMA QMP and D1	BLRS - 2022 BLRS HMA QMP and D1 <a href="#">More info</a>	Select
BLRS - 2022 HMA QMP - 20220310	BLRS - 2022 HMA QMP - 20220310 <a href="#">More info</a>	Select
BLRS - 2022-23 Sexual Harassment Training	2022-23 BLRS Sexual Harassment <a href="#">More info</a>	Select
BLRS - 2023 Drug and Alcohol Testing Regulations	BLRS - 2023 Drug and Alcohol Testing Regulations <a href="#">More info</a>	Select
BLRS - 2023 Galvanized Press Brake Tub Girder Bridge Technology	Learn about this new AASHTO Innovation Focus Technology for 100-year bridge beam girders. <a href="#">More info</a>	Select
BLRS - 2023 Professional Conduct and Ethics	OVERVIEW: This meets the required New IDFPR Rules for PDH Course Requirements <a href="#">More info</a>	Select
BLRS - ADA Self Evaluation and the role of an ADA Coordinator	BLRS - ADA Self Evaluation and the role of an ADA Coordinator - PDH=1 <a href="#">More info</a>	Select
BLRS - ADA Transition Plans - Part 2	BLRS - ADA Transition Plans - Part 2 - PDH=1 <a href="#">More info</a>	Select
BLRS - Commercial Drivers License (CDL)	In recent years, the Federal Motor Carrier Safety Administration has introduced two new rules impacting agencies employing anyone operating a vehicle requiring a Commercial Driver's License. Unlike several Federal regulations, state and local governments are subject to complying with both rules. Please attend to learn how their programs can impact your organization. <a href="#">More info</a>	Select
BLRS - Concrete Pavement 101	BLRS - Concrete Pavement 101 <a href="#">More info</a>	Select
BLRS - Drones 101	Learn how drones are being used to improve safety and savings in construction. <a href="#">More info</a>	Select
BLRS - Emerging Size/Weight Technologies	BLRS - Emerging Size/Weight Technologies <a href="#">More info</a>	Select
BLRS - Flagger Safety	BLRS - Flagger Safety - PDH=1.5 <a href="#">More info</a>	Select
BLRS - Grant Accountability and Transparency Act Training	BLRS - Grant Accountability and Transparency Act Training - PDH=0 <a href="#">More info</a>	Select
BLRS - IDOT Phase 1	BLRS - IDOT Phase 1 Four Modules PDH=5 <a href="#">More info</a>	Select
BLRS - Invoice All Electronic Submission	BLRS - Invoice All Electronic Submission - PDH=0 <a href="#">More info</a>	Select
BLRS - Legal Issues 2022	BLRS - Legal Issues 2022 <a href="#">More info</a>	Select
BLRS - Motor Fuel Tax Refresher	BLRS - Motor Fuel Tax Refresher - PDH=0 <a href="#">More info</a>	Select
BLRS - Sexual Harassment Prevention Training Program	BLRS - Sexual Harassment Prevention Training Program <a href="#">More info</a>	Select
BLRS - Snow and Ice Control FY2021	BLRS - Snow and Ice Control FY2021 - PDH=1 <a href="#">More info</a>	Select
BLRS - Work Zone Safety	BLRS - Work Zone Safety 7 video parts PDH=2 <a href="#">More info</a>	Select
STTP - S-11 HMA Field Inspection	STTP - S-11 HMA Field Inspection - PDH=3.5 <a href="#">More info</a>	Select
STTP-S51: Steel Structure 2021 - Online	Inspection of Steel Structure 2021 - Online <a href="#">More info</a>	Select

# Coming Soon and Additional Course Offerings

## COMING SOON!

### Live Line Demo

**Overview:** This course includes in-person training from safety experts about electricity and how to stay safe around high voltage overhead powerlines. It is well-suited for public works departments and first responders, providing lessons on how to respond in an emergency when dealing with fallen power lines/wires, whether they're on the road or if maintenance equipment accidentally comes into contact with them overhead.

- Length: ½ day
- PDHs: TBD
- Instructor: Consultant

### JULIE Essentials for Excavators

**Overview:** This seminar includes in-person training from JULIE professionals on safe excavation practices and remote ticket entering. It is well-suited for public works departments and provides end-to-end training from entering the ticket to cleaning up the worksite.

- Length: 1 hour
- PDHs: TBD
- Instructor: Consultant

### CDL Theory Training

**Overview:** The Illinois Technology Transfer Center is providing CDL theory training free of charge via eLearning. Illinois T2 is not providing behind-the-wheel training.

We provide the theory eLearning modules, which cover the training and testing required for individuals seeking a Class A CDL, a Class B CDL and an upgrade from a Class B to a Class A CDL. The CDL theory training modules being provided by IDOT T2 were developed by the Clear Roads pooled fund program, with funding from state departments of transportation.

- Length: TBD
- PDHs: TBD
- Instructor: Lisa Godfrey (IDOT T2)

## ADDITIONAL COURSE OFFERINGS

- **ADA Self-Evaluation and Transition Plans**  
Tim Peters (IDOT)
- **ADA/PROWAG (Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way)**  
Traci Baker (FHWA) and Tim Peters (IDOT)
- **Basic Essentials of the Uniform Act, Real Estate Workshop for LPAs**  
James Kyte (FHWA)
- **Basic Math Refresher Training**  
Barry Kent (IDOT)
- **Basic Supervisory Skills**  
Barry Kent (IDOT)
- **CDL Theory Training**  
Lisa Godfrey (IDOT T2)
- **Commercial Driver's License Training**  
Dan Meyer (Division Administrator-Illinois Division, Federal Motor Carrier Safety Administration)
- **Communication Excellence: Written Communication and Maximizing Social Media in the Workplace**  
Bree Hankins (IDOT)
- **Concrete Pavements 101**  
Luke B. McHugh (National Ready Mix Concrete Association) and James D. Randolph (Illinois Ready Mix Concrete Association)
- **Concrete Structures (STTP-S13)**  
Doug Dirks (IDOT)
- **Contract Administration (STTP-S100)**  
Mike Copp (IDOT)
- **Creating a Healthy Workplace Culture Starts With You**  
Heather Humphrey (IDOT)
- **Drilled Shafts Construction Inspection (STTP-S32)**  
Doug Dirks (IDOT)
- **Drones 101**  
Barry Kent (IDOT)
- **Drones 201: Enhancing Safety and Productivity in Transportation Projects through Drone Technology**  
Christopher Mason (American Survey)
- **Drug and Alcohol Testing Regulations**  
Shelly Miller and Matt Wells (Mid-West Truckers Association, Inc.)
- **Earth Excavation and Embankment (STTP-S15)**  
Ryan Sheley (IDOT)
- **Emerging Size/Weight Technologies**  
Geno Koehler (IDOT)
- **Excavating-Trenching**  
County Highway Department
- **Flagger Training**  
Stephanie Stoverink (IDOT)
- **Galvanized Press Brake Tub Girder Bridge Technology**  
Jeff Simkins and Greg Mitchel (Valmont Bridge Solutions)



## Additional Course Offerings - CONTINUED

- **General Administrative Duties of the Township Highway Commissioner**  
Barry Kent (IDOT)
- **Grant Accountability and Transparency Act (GATA)**  
Carissa Calloway and Dana Edwards  
Denise Johnson and Shelly Runyard  
Aubrey Schuckman and Cassandra Squires and Melanie Turner (ALL IDOT)
- **HEC-RAS Training**  
Consultant
- **IDOT Phase 1 Course**  
John Sherrill and Felecia Hurley  
Carlos Feliciano and Charles Riddle  
Kevin Stallworth and Ben Sperry  
Josh Vennas and Shawn Wilcockson (ALL IDOT)
- **Illinois Roads Scholar Program**  
APWA Chicago Metro Chapter  
partnering with IDOT T2
- **Illinois Statutes and Rules for Professional Engineering**  
Tim Peters (IDOT)
- **Implementing Safe Work Zone Operations Strategies**  
FHWA
- **Instructing the Implementing Safe Work Zone Operations Strategies Training Course**  
FHWA
- **JULIE Essentials for Excavators**  
Consultant
- **Land Acquisition: Negotiation Skills Workshop**  
James Kyte (FHWA)
- **Land Acquisition: A Federal and State Update**  
James Kyte (FHWA)
- **Live Line Demo**  
Consultant
- **MFT (Motor Fuel Tax) Accounting and Compliance Review**  
Amy Whitecotton (IDOT)
- **MUTCD (Manual on Uniform Traffic Control Devices) Training**  
Dean Mentjies (FHWA) and Marshall Metcalf (IDOT)
- **PASER**  
Brian Tjernlund (Assistant Lee County Engineer)
- **PCC Pavement Construction Inspection (STTP-S21)**  
Doug Dirks (IDOT)
- **Permeable Pavements Workshop FHWA Pile Foundation Construction Inspection (STTP-S19)**  
FHWA
- **Pile Foundation Construction Inspection (STTP-S19)**  
Mike Copp (IDOT)  
**PREREQUISITE:** Probability of assignment to inspection and documentation of pile driving operation
- **Plant Mix Asphalt: Design, Construction, Maintenance, and Rehabilitation**  
Kevin Burke III (Illinois Asphalt Pavement Association)
- **Professional Conduct and Ethics**  
Tim Peters (IDOT)
- **Project Administration Seminar**  
IDOT T2 & CBLRS Staff (IDOT)
- **Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way Seminar**  
Traci Baker (FHWA) and Tim Peters (IDOT)
- **Qualification Based Selection Training**  
Tim Peters (IDOT)
- **Repairing Pipe Culverts with Pipe Liners**  
Mark Shaffer (IDOT)
- **Savings & Utility Rebates with Smart LED Street Lights and Controls**  
Matt O'Brien (The Will Group/  
TWG Infrastructure Solutions)
- **Seal Coats (Oil and Chipping)**  
Consultant
- **Seal Coat, Gravel, and Dirt Roads**  
Tim Peters (IDOT)
- **Sexual Harassment Prevention Training (Instructor-led online)**  
Barry Kent and Tim Peters (IDOT)
- **Small Drainage Structures Construction Inspection (STTP-S46)**  
Mike Copp (IDOT) and Ryan Sheley (IDOT)
- **Smart Roadway Lighting Solutions/ Energy Cost Savings & Utility Rebates with Smart LED Street Lights and Controls**  
Matt O'Brien (The Will Group/  
TWG Infrastructure Solutions)
- **Soils Field Testing and Inspection Course (STTP S-33)**  
IDOT Representative
- **Social Media: Do's and Don'ts**  
Joe Schatteman (IDOT)
- **Soils Field Testing and Inspection Course (STTP S-33)**  
IDOT Representative
- **Steel Structures Construction Inspection (STTP-S51)**  
Justan Mann (IDOT) and Ryan Sheley (IDOT)
- **Tractor Mower Operator Safety Training**  
Consultant
- **Turning Conflict into Resolution**  
Heather Humphrey (IDOT)

## Additional Course Offerings - CONTINUED

- **Understanding USACE and IDNR/OWR Permitting Requirements for Road Projects**
  - Springfield: Donna Jones (Army Corp of Engineers) and Bill Milner (IDNR)
  - Downstate: Keith McMullen (Army Corp of Engineers) and Steve Altman (IDNR) – St. Louis: Julie Rimbault (Army Corp of Engineers)
  - Chicago: Gary Jereb (IDNR)
- **Waiver Valuation Workshop: The Nuts and Bolts to Preparing Waiver Valuations**  
James Kyte (FHWA)
- **WMFT (Web Motor Fuel Tax)**  
Barry Kent (IDOT)
- **Waiver Valuation Workshop: The Nuts and Bolts to Preparing Waiver Valuations**  
James Kyte (FHWA)
- **Welding Workshop for Highway Structures**  
Justin Ocel, Ph.D., P.E (FHWA)
- **Workplace Diversity**  
T2 Team (IDOT)

### LOCAL AGENCY ONLY CLASSES

- **Flagger Training**  
Stephanie Stoverink and Lisa Godfrey (IDOT)
- **Work Zone Safety**  
Juan Pava (IDOT), Paul Gurklys (IDOT), and Dean Mentjes (FHWA)
- **You, Others & Their Real Colors Training Series**
- **Real Applications**  
**PREREQUISITE: You, Others & Their Real Colors**  
Tim Peters, Barry Kent, Stephanie Stoverink, Lisa Godfrey and Barry Lamb (IDOT)
- **Real Solutions**  
**PREREQUISITE: You, Others & Their Real Colors**  
Tim Peters, Barry Kent, Stephanie Stoverink, Lisa Godfrey and Barry Lamb (IDOT)
- **Real Teams**  
**PREREQUISITE: You, Others & Their Real Colors**  
Tim Peters, Barry Kent, Stephanie Stoverink, Lisa Godfrey and Barry Lamb (IDOT)
- **Real Leadership**  
**PREREQUISITE: You, Others & Their Real Colors**  
Tim Peters, Barry Kent, Stephanie Stoverink, Lisa Godfrey and Barry Lamb (IDOT)

