



Training and Technical Assistance Center

Connecticut  
Transportation  
Institute

# Connecticut Training & Technical Assistance Center

## Training and Events

### Traffic Signals 101

A CT Traffic Signal Technician Certificate Program  
Level I *REQUIRED Workshop*

This workshop is designed to provide an overview of the roles and responsibilities of a traffic signal technician and a basic understanding of the locations of various components inside and outside the controller cabinet at a signalized intersection.

#### Who Should Attend

New traffic signal technicians, those interested in becoming traffic signal technicians, and anyone interested in learning the basic anatomy of a traffic signal.

#### Course Instructors

Joe Balskus, P.E., P.T.O.E., is Director of Transportation Systems for VHB, a leading regional transportation consulting firm. He has over 32 years of traffic signal system experience in dozens of communities in Connecticut planning, designing and constructing hundreds of traffic control signals utilizing the latest technologies. He has worked on NEMA and Type 170/2070 traffic signal controller cabinet systems for most of those projects and is utilizing the latest technologies in design including 360° video detection, EVPS, Leading Pedestrian Interval and Adaptive Signal Control. He is also an Adjunct Professor in Transportation at University of New Haven.



#### Date & Location

April 21, 2021  
Monroe, CT

Session is 8:30am—3:30pm  
(Registration begins at 8:00am)  
Lunch will NOT be provided, please bring a bag lunch.

**Please note: These are socially distant sessions. All state and university COVID-19 precautions will be followed.**

#### Learning Objectives

At the end of this session, participants will be able to:

- Understand the roles and responsibilities of a traffic signal technician.
- Understand the purpose of a traffic signal and the warrants for installing a signal.
- Identify the various components and devices inside and outside the cabinet.
- Understand how components and devices within the controller cabinet work together.
- Properly document and communicate traffic signal maintenance activities.

**Theresa “Tess” Schwartz, P.E., P.T.O.E.**, is a Traffic Engineer with the CT T2 Center. She serves as the Traffic Signal Circuit Rider supporting municipal traffic signal professionals through training and technical assistance. Tess holds a B.S. in Civil Engineering from Rensselaer Polytechnic Institute, and is a registered Professional Engineer in Connecticut and Massachusetts. She is certified as a Professional Traffic Operations Engineer and serves on the board of Connecticut ITS.



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## Registration

- Please visit [www.cti.uconn.edu/cti/T2\\_Workshop\\_Schedule.asp](http://www.cti.uconn.edu/cti/T2_Workshop_Schedule.asp) to register for this class online.
- **Registration contact:** Please direct any questions to Shelly Desjardin at [shelly.desjardin@uconn.edu](mailto:shelly.desjardin@uconn.edu).
- **Cost:**
  - \$100—State and Municipal participants
  - \$200—Private-sector participants
- If you require an accommodation to participate in this workshop, please contact Shelly Desjardin at [shelly.desjardin@uconn.edu](mailto:shelly.desjardin@uconn.edu), at the time of registration.
- Photographs may be taken for promotional and training purposes. Please notify us during registration if you do not wish to be photographed.

