

# Traffic Signal Design and Timing

## ABOUT

This webinar is designed for those who work in the transportation field including traffic engineers, technicians, and transportation design professionals who want to understand traffic signal design and timing. Through presentations, discussions, and design exercises, participants will learn the basic concepts, standards, and practices related to the design and timing of traffic signals.

### Signal Design | May 10, 2022

- Signal warrants
- Signal phasing
- Signal equipment layout
- Accessible pushbuttons
- Conduit, junction boxes, and wiring
- Detection
- Signal communications
- Signal design plans, specifications, and estimate (PS&E)
- Signal construction

### Signal Timing | May 17, 2022

- Traffic flow theory
- Intersection control types
- Basic signal timing and operations
- Coordinated signal timing
- Implementation
- Advanced operations

## COURSE LOCATION

Webinar format using Zoom

## INSTRUCTIONAL STAFF

- Brian Copeland, PE, PTOE, DKS Associates
- Steve Boice, PE, PTOE, DKS Associates
- Dongmei Lin, PhD, PE (OR), TE (CA), PTOE, DKS Associates
- Pamela J. O'Brien, P.E. (OR, WA, ID, MT, TX), PTOE, DKS Associates

## SCHEDULE

Tuesday, May 10 and 17, 2022

8:30 am – 12:00 pm

An agenda will be distributed prior to the course date.

## ENROLLMENT

Register and submit the course fee online. Make checks payable to The Kiewit Center and submit at least one week prior to the class. Zoom credentials will be provided after registration. If a registration must be canceled, a full refund can be made only if a notice of withdrawal is received at least one week prior to the course starting date. A fee of one-half of the course tuition will be charged for cancellations after that period. *Substitute attendees are encouraged.*

**Tuesday**

**May 10 & 17, 2022**

**Webinar via Zoom**

**\$70**

**7.0 PDH**

**Register Online**

**[cce.oregonstate.edu/traffic-safety-workshops](https://cce.oregonstate.edu/traffic-safety-workshops)**

Make checks payable to: The Kiewit Center

The Kiewit Center, OSU  
101 Kearney Hall  
Corvallis, OR 97331  
Attn: Traffic Safety Workshops

This publication will be made available in accessible formats upon request. Please call 541-737-4273 for information.