

## FHWA-NHI-133121 Traffic Signal Design and Operation

There is a need to understand that the congestion and delays that exist on our streets and roadways can be better managed with a thorough understanding of effective traffic signal timing and optimization. Well-developed, designed, implemented, maintained, and operated traffic signal control projects are essential to this process. Engineering tools are available to design, optimize, analyze, and simulate traffic flow. This course addresses the application of the "Manual of Uniform Traffic Control Devices" (MUTCD) to intersection displays, as well as signal timing, computerized traffic signal systems, control strategies, integrated systems, traffic control simulation, and optimization software. The course is divided into two primary parts: Traffic Signal Timing and Design, and Traffic Signal Systems.

If you are interested in attending, please complete the registration form below and email it to: Barry Kent at Barry.Kent@illinois.gov. Approximately two weeks prior to the class date, you will receive an email confirming your enrollment as well as the address of the class. Classes are free of charge.

Course Number	Location	Date	Time		
FY2020-062	Schaumburg	June 4-5, 2020	8:00am-4:30pm		

## **Contact Information (Please Print)**

Name of Agency

**Contact Person** 

Telephone

Mailing Address

City-State-Zip

Contact E-Mail Address

Student Name	Student E-Mail Address		Course Number
		FY	2020 -