



COURSE NUMBER

FHWA-NHI-131130

COURSE TITLE

Advanced Self-Consolidating Concrete - WEB-BASED



This training was prepared by the Transportation Curriculum Coordination Council (TCCC) in partnership with NHI to reviews advanced concepts, properties, and applications of self-consolidating concrete. This training is recommended for the Transportation Curriculum Coordination Council levels II, III, and IV. This course is primarily intended for inspectors and technicians.

This training will cover the basic characteristics of self-consolidating concrete as well as advantages of using SCC as compared to conventional concrete. In addition, it will discuss SCC's composition and proportioning as well as fresh and hardened properties. Finally, we will review specific examples where SCC has been used as well as the details of SCC use in slipform paving.

OUTCOMES

Upon completion of the course, participants will be able to:

- Define self-consolidating concrete
- List procedures for creating SCC
- Identify SCC performance characteristics
- Compare SCC and conventional concrete
- Recognize SCC applications

TARGET AUDIENCE

Anyone who would like to understand more about self consolidating concrete, including personnel running self-consolidating concrete tests in the field along with supervisors in charge of field testing technicians.

TRAINING LEVEL: Intermediate

FEE: 2016: \$25 Per Person; 2017: \$25 Per Person

LENGTH: 1.5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 1; MAXIMUM: 1

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