

# What's New

## Guide for the Analysis and Design of Reinforced and Prestressed Concrete Guideway Structures—ACI 343.1R-12

This guide presents a procedure for the design and analysis of reinforced and prestressed concrete guideway structures for public transit and design guidance for elevated transit guideways. The engineer is referred to the appropriate highway and railway bridge design codes for items not covered in this document. Available in hard copy and PDF format.

**Order Code:** 343112.CI **Pages:** 34

**Price:** \$73.50 (ACI members \$45.00)

## Concrete (Published in 2012 by Phaidon)

*Concrete* takes a fresh look at the world's most versatile and abundant building material. Collating fascinating and beautiful concrete buildings by some of the most celebrated architects of the last century, it features familiar projects from Le Corbusier and Frank Lloyd Wright alongside work from some of the leading lights of contemporary architecture, including Zaha Hadid, Herzog and de Meuron, and many lesser-known newcomers.

Arranged to promote comparison and discussion, the selected projects take the reader on a global tour of inspiring and intriguing structures: a German skatepark beside an Italian rooftop test track, a Japanese crematorium alongside a Portuguese swimming pool, and a Brazilian government building next to a Chinese opera house.

**Order Code:** CON.CI **Pages:** 240

**Price:** \$49.95 (no discount on industry publications)

## What's Coming Spring 2013

Code Requirements for Design and Construction of Concrete Structures for the Containment of Refrigerated Liquefied Gases and Commentary—ACI 376-11

Specification for Environmental Concrete Structures—ACI 350.5-12

Report on Torsion in Structural Concrete—ACI 445.1R-12

Specification for Bonding Hardened Concrete and Steel to Hardened Concrete with an Epoxy Adhesive—ACI 548.12-11

*Concrete Repair Manual*, fourth edition



eLearning

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## Now Available:

### Controlled Low-Strength Material (CLSM) Fundamentals

**0.2 CEU (2 PDH), \$80 nonmembers, \$64 members**

CLSM (also known as flowable fill) is a self-consolidating, cementitious material used primarily as backfill in place of compacted fill. This course covers the basics of CLSM technology, including materials used to produce CLSM; plastic and in-service properties; proportioning, mixing, transporting, and placing; quality control; and common applications.

### Concrete Sustainability: Basics

**0.15 CEU (1.5 PDH), \$75 nonmembers, \$60 members**

This course provides an introduction to the subject of sustainability, with a special emphasis on the concrete industry. Participants will study common definitions of sustainability, identify "greenwashing" in the marketplace, understand the three pillars of sustainability, and identify strategies for the integration of concrete in sustainable development.

### Concrete Sustainability: Incorporating Environmental, Social, and Economic Aspects

**0.15 CEU (1.5 PDH), \$75 nonmembers, \$60 members**

This course provides an in-depth study of topics related to the environmental, social, and economic impacts of using concrete in sustainable development. Topics include the use of industrial by-products, thermal mass, storm-water management, longevity, and heat-island effect, among several others.

### Also available:

- Concrete Basics
- Concrete Field Testing Grade I Certification Training
- Concrete Fundamentals
- Concrete Strength Testing Technician Training

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