

# Pavements

## Roller-Compacted Concrete Pavements Webinar

Thursday, June 11, 2009

10:00 - 11:00 am CDT

A roller-compacted concrete (RCC) pavement takes its name from the construction method used to build it. It's placed with conventional or high-density asphalt paving equipment, then compacted with rollers. RCC is used when strength, speed of construction, and economy are primary needs. It is commonly used at port, intermodal, and military facilities; parking, storage, and staging areas; streets, intersections; highway shoulders; and low-speed roads. It can also be used in a composite system as a base material.



RCC has the same basic ingredients as conventional concrete: cement, water, and aggregates, but unlike conventional concrete, it's a drier mix—stiff enough to be compacted by large vibratory rollers. RCC pavements need neither forms nor finishing, nor do they contain dowels or steel reinforcing. These characteristics make RCC pavements simple, fast, and economical. Coupled with long service life and minimal maintenance, RCC's low initial cost adds up to economy and value.

This webinar will discuss RCC applications, benefits, mix design, construction, testing, and performance.

### Program features:

- Free PDF of each of the following PCA publications: *Guide Specification for Construction of Roller-Compacted Concrete Pavements*; *Production of Roller-Compacted Concrete*; and *Roller-Compacted Concrete Density: Principles and Practices*
- One (1) Professional Development Hour (PDH) for paid webinar participants
- The cost of this one-hour Webinar is \$60. (\$30 for PCA members; government officials; students and educators).

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