

ROLLER-COMPACTED CONCRETE PAVEMENT



E&B PAVING.Inc
World-Class Solutions at a Local LevelSM

Time is on Your Side



When public agencies, municipalities, developers, general contractors and commercial businesses search for a fast and economical pavement solution for highly specific construction applications, they may need to look no further than roller-compacted concrete.

Roller-compacted concrete, or RCC, is a stiff, zero-slump concrete mixture comprised of coarse and fine aggregates, Portland cement, fly ash and water. Using our vibratory roller equipment and screed technologies, E&B's experts place and roller compact the RCC pavement (RCCP) in a similar manner as our asphalt pavement construction solutions. During this process, concrete compaction begins immediately at the paver and continues throughout the roller stages until the pavement meets density requirements.

Typically, RCCP is constructed without joints; does not require forms, finishing, surface texturing, joint sawing or sealing; and does not contain dowels or steel reinforcing. Given these characteristics, RCCP offers a fast and economical paving alternative that combines ease of construction with a high production rate.

With its low water-cement ratio, RCCP has high strengths similar to, or even greater than, conventional concrete. It also offers: a high load carrying ability, elimination of ruts, spanning of weak sub grades, early strength gains, long-term durability and low maintenance.

RCCP's primary applications are for industrial and heavy-duty pavement requirements, or as a base for conventional pavement. Representative applications include:

- > Parking Lots
- > Industrial Access Roads, Loading Docks and Pads
- > Low-Speed Roads and Highway Shoulders
- > Temporary Travel Lanes
- > Distribution Centers
- > Intermodal Transport Yards and Trucking Terminals
- > Ports
- > Waste Facilities
- > Military Sites
- > Warehouses
- > Dams

E&B Paving has completed RCCP projects for public- and private-sector clients since 2008, including county and access roads, parking lots, automotive manufacturing facilities, industrial plants and construction material storage yards. With our ten area offices and portable concrete production capabilities, we conveniently and cost-effectively provide customers with the material and paving expertise needed to support their RCCP needs.

Learn More About E&B Paving's Roller-Compacted Concrete Pavement Solutions Visit our website at www.ebpaving.com to learn more about RCCP, electronically submit your project bid request and receive a free estimate.