

ACI 325.11R-19

Report on Accelerated Techniques for Concrete Paving

Reported by ACI Committee 325



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Report on Accelerated Techniques for Concrete Paving

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This report covers state-of-the-art of accelerated concrete paving techniques. Accelerated concrete paving techniques are appropriate for roadways, airfields, streets and intersections, and other paved surfaces where early opening to traffic and quick access are required. Considerations include planning, concrete materials and properties, jointing and joint sealing, curing and temperature control, concrete strength testing, and opening-to-traffic criteria. Applications and uses of accelerated concrete paving are discussed.

Keywords: accelerated paving; admixtures; aggregates; airports; concrete pavement; curing; fast-track paving; gradation; highways; intersections; joint sealing compound; jointing; specifications; streets.

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