

CONSTRUCTION DESIGN OF THE JOINTS IN THE CONCRETE PAVEMENT OF THE ROUNDABOUTS IN AUSTRIA

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ABSTRACT

The roundabouts have become very popular and besides the roundabouts with asphalt pavement, there are also roundabouts with concrete pavement. The reason for this is that roundabouts with concrete pavements can simply "bear" more traffic loads because concrete is a rigid building material unlike asphalt, which is flexible. At higher temperatures, asphalt constructions can cause rutting.

Keywords: Dummy (Dowelled) Joints, Compressed Joints, Free Working Joints, Expansion Joints, Isolation Joints, Longitudinal Construction Joints, Transverse Construction Joints.