

LOW-VOLUME ROAD DESIGN. APPLICATION FOR FOREST ROADS

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ABSTRACT

In the forest roads the traffic flow consists of heavy vehicles which transport mainly timber and private cars used for relaxation. For this reason only special design methods can be used such as the AASHTO method for low-volume roads.

This method was applied for forest roads with various subgrades and timber hauling volumes and their influence on the pavements thickness has been examined.

In this paper the low-volume road design was applied in the forest road under subgrades and timber transported variability. Also has been examined the subgrade and traffic influence in the pavement design.