

Master thesis

Topic:

Effect of **Overloads** on the **Fatigue Behavior** of Bituminous Materials

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Subject:

During its service life, bituminous pavement is designed to withstand a certain number of standard vehicle loads. However, fatigue failure occurs on the pavement much earlier than the expected. One possible reason is overloading the pavement affects the fatigue behavior of bituminous materials, which unfortunately has not been fully studied yet.

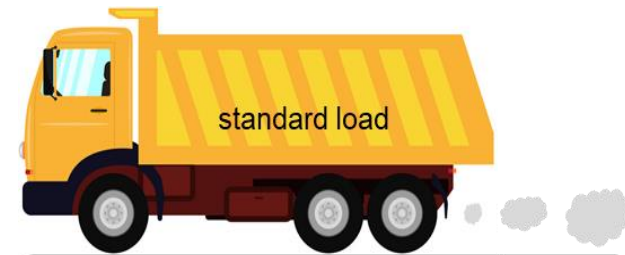
In this study, experiments shall be conducted in the laboratory to gain a better understanding of the effect of overloads on the fatigue behavior of bituminous materials.

Possible start time:

Now

Language:

English



Pavement under standard vehicle load

Pavement under overloaded vehicle load

