

MODELS OF DISTRESSES PREDICTION ON RIGID PAVEMENTS

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Summary

Since 15 years the development of distress models of rigid pavements has been one of the main research efforts. The work has been began as a tool for the development of Pavement Management Systems.

This paper deals with distress models made abroad during the work of the author in a research project. It has been checked the possibility of using existing models to the local conditions and the necessary modifications, if they are needed .

The results of the work are that mainly each model covers mainly the condition of the country in which it has been developed and secondly the application of each model in other countries has to be done controlling the adaption to the existing conditions and after a possible modification.