
Draft for Development

Method for determination of creep stiffness of bitumen aggregate mixtures subject to unconfined uniaxial loading

Méthode de détermination de la résistance au fluage des mélanges bitumineux soumis à des efforts uniaxiaux

Verfahren zur Bestimmung des Kriechverhaltens von Bitumen-Mineral-gemischen bei unbehindert einachsiger Belastung

Foreword

This Draft for Development has been prepared under the direction of the Road Engineering Standards Policy Committee.

Current methods of designing bituminous mixtures for highways are relatively crude simulative tests. It is essential for future development that more fundamental tests are standardized so that research and development work carried out in different laboratories throughout the country yields results that are comparable and able to be co-ordinated for standardization purposes. This Draft for Development is a simple compression test at low strain, readily performed by a control laboratory. The parameters determined by this test will give a measure of the deformation resistance of the material and will provide data for use in pavement design.