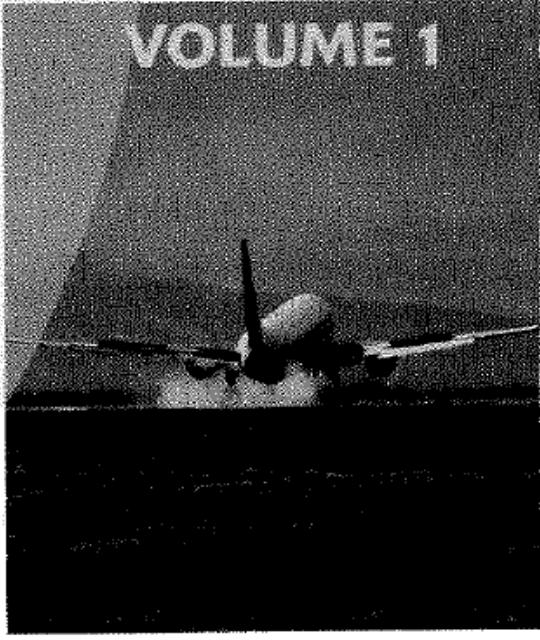
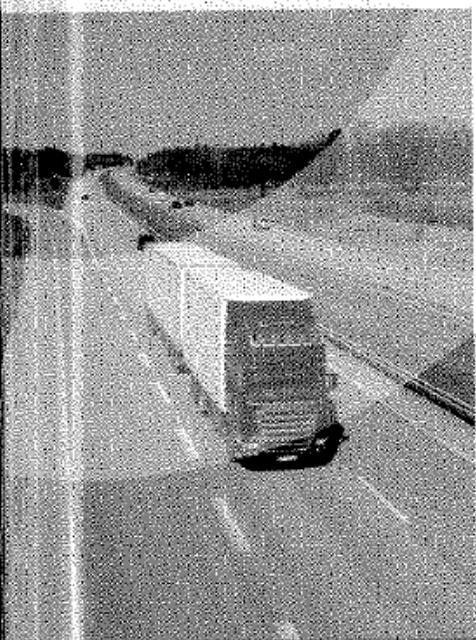


Bearing Capacity of Roads, Railways and Airfields



VOLUME 1

Erol Tutumluer & Imad L. Al-Qadi

The use of geofiber and synthetic fluid for stabilizing marginal soils <i>K. Hazirbaba & B. Connor</i>	89
Subgrade modification—practitioner's experience <i>T. McCleary</i>	97
“Baku Bayil Yard Site” soil improvement geotechnical works <i>E. Guler, A. Gure & E. Cetin</i>	107
Resilient characteristics of bottom ash <i>H.H. Titi, A.R. Coenen & M.B. Elias</i>	117
Precision triaxial equipment for the evaluation of the elastic behavior of soils <i>N. Araújo & A. Gomes Correia</i>	125
<i>Granular materials</i>	
A performance study of different curing materials applied to soil-Portland cement base course cure <i>R.M. Fortes & J.V. Merighi</i>	137
Pavement base unbound granular materials gradation optimization <i>J.P. Bilodeau, G. Doré & P. Pierre</i>	145
Influence of the macroscopic cohesion on the 3D FE modeling of a flexible pavement rut depth <i>F. Allou, C. Petit, C. Chazallon & P. Hornych</i>	155
Effect of grading and moisture on the deformation properties of unbound granular aggregates <i>L.U. Mathisen</i>	167
IDOT test loop: Evaluating the field performance of various dense graded aggregates <i>G. Heckel</i>	179
Analytical evaluation of unbound granular layers in regard to permanent deformation <i>L.A.T. Brito, A.R. Dawson & P.J. Kolisoja</i>	187
Processed Portuguese steel slag—A new geomaterial <i>A. Gomes Correia, S.M. Reis Ferreira, A.J. Roque & A. Cavalheiro</i>	197
Resilient modulus of hydraulically bound road base materials with high volume waste dust <i>H. Al Nageim & P. Visulios</i>	205
Characterizing natural and recycled granular materials for (sub)base layers of roads by cyclic triaxial testing <i>C. Grégoire, B. Dethy, J. Detry & A. Gomes Correia</i>	215
Resilient modulus of unbound base material containing extra waste Stancombe limestone dust <i>B. Saghaft & H. Al Nageim</i>	225
Characterizing aggregate permanent deformation behavior based on types and amounts of fines <i>D. Mishra, E. Tutumluer, J. Kern & A. Butt</i>	237
<i>Asphalt mixtures</i>	
Use of polymer modified binders to reduce rutting in Nordic asphalt pavements <i>B.O. Lerfald, J. Aurstad & N.S. Uthus</i>	249