POROUS FRICTION COURSES: APPLICATION IN NORTHERN GREECE

A.F. NIKOLAIDES Associate Professor, University of Thessaloniki

ABSTRACT

Porous friction courses started to be used abroad at least fifteen years ago. Their application in Greece is almost non existent despite the acute problem of skidding of the Greek roads. This paper gives a general introduction of the porous friction courses and describes analytically an experimental application in Northern Greece. The experimental application consisted of using hard and semi hard aggregates as well as the use of conventional and modified bitumen, under conditions appearing in Greek motorways. The performance of the constructed porous friction courses is judged so far satisfactory.