

THE EFFECT OF PTOLEMAIDA'S FLYING ASH TO THE MECHANICAL BEHAVIOUR OF ASPHALTIC CONCRETE

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Abstract

The limited handling ability of industrial by-products, forced Research efforts to investigate the possibility of using them as structural materials.

Highway Engineering Laboratory of Thessaloniki, undertook an extensive Research on useability of main Greek Industrial by-products as Highway construction materials.

Main scope of this work is to investigate the influence of using of flying Ash (PFA) of Ptolemais as filler, replacing the conventional limestone filler, to the Mechanical behaviour of Asphalt concrete. All tests (Standard Marshall test), took place in accordance to Greek Regulations (Π.Τ.Π. Α265).

First stage satisfying results are presented in this study, but the final Report-Judgement is not available yet.