

**PAVEMENT REHABILITATION BY RECYCLING WITH
FOAMED BITUMEN AND CEMENT-THE ATHENS -ILIKI &
ATHENS –KORINTHOS PROJECT**

Emilia Alevra

Civil Engineer, Msc, Head Manager of E.Y.D.E./P.A.T.H.E. Motorway

Evaggelia Karaïskou

Civil Engineer, Chef Department of E.Y.D.E./P.A.T.H.E. Motorway

Andreas Polakis *

Civil Engineer, Chef Department of Construction Works in Athens of E.Y.D.E / P.A.T.H.E. - Motorway

Kallia Aggelousi

Civil Engineer, Msc, Supervisor of the project

ABSTRACT:

The decision for rehabilitating the Pathe-Motorway using that method was made following a number of researching and studying. A number of alternative methods were discussed in order to have a comparative study in terms of economical and long-lasting results. These studies led us to the construction of pilot project in the area of Parakamsis Diilistirion along the section Athens-Korinthos of Pathe Motorway. After considering the remarkable results of the pilot project, EYDE-PATHE decided to carry out a big project using this method to rehabilitate the Athens-Yliki and Athens –Korintho sections. Loudon International was responsible for the researching, studying and designing the whole project.

KEY WORDS: Cold recycling, pavement, foamed bitumen