



Evaluation of restoration of asphalt pavements in the context of the heavy maintenance of Attiki Odos

Scientific Responsible
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The object of this project concerns the heavy maintenance work on the road surfaces of the Attiki Odos, which mainly concern the replacement of the anti-slip asphalt traffic layer. The research team of the Laboratory Pavement of the National Technical University of Athens (NTUA) will contribute to the control and documentation the quality of the results of the above works. The control concerns the level of evaluation and monitoring of the new layers and overall of the road surfaces in their early period of operation.

Specifically, the research works are focused on three (3) Phases:

- a. Laboratory testing of the suitability of asphalt mixtures in terms of mechanical characteristics and resistance to residual deformations.
- b. On-site recording and evaluation of the behavior characteristics of the new asphalt layers and the road surface as a whole during the construction period (years 2023-2024).
- c. Periodic monitoring of the functional and structural condition of the road surfaces for the Warranty Period (T3), as defined in the Concession Agreement, i.e. (2025 and 2026).