



## Moroccan motorways: geotechnical expertise

Geotechnical expertise

Jan. 2011 - Feb. 2016



MOROCCO

Client

ADM

### Miscellaneous

Geotechnical expertises on existing highways



### Description of the project

Mid-2011, AUTOROUTES DU MAROC (ADM) entrusted TERRASOL with a standing offer agreement over a period of several years for geotechnical expertises on the Moroccan motorway network. The agreement also includes structural and hydraulic expertises, entrusted to MAROC SETEC.

#### Key features

- Diagnosis of disorders
- Risk evaluation with respect to highways operation
- Proposition of remedial solutions

### Description of the mission

We thus carried out more than 25 missions, mainly on sections which are in service, concerning aspects as varied as :

- Embankments which have been unstable for around ten years, or showing worsening cracking after only a few months of operation ;
- Rocky cutting slopes with problems of protection against falling blocks or wider instabilities ;
- Cutting slopes in loose soils, often evolving clays and marls, on heights up to one hundred meters ;
- Problems on underpasses or viaduct abutments ;
- Pavement cracking.

These operations cover the whole national motorway network, from North to South (Tangiers, Rabat - Fès - Oujda, Marrakech - Agadir, etc) and provide an opportunity to apply our know-how on the various aspects of motorways infrastructure damage and repair works.

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