

## **PAVEMENT CONDITION SURVEY POLICY OF A HIGHWAY NETWORK IN FRANCE**

**Eric Layerle \***

Technical director, Autoroutes du Sud de la France, France

**Cécile Giacobi**

Pavement expert, Autoroutes du Sud de la France, France

\* ASF, Direction de l'infrastructure, Direction technique, Quartier Ste Anne, Vedène, 84967 Le Pontet, France, eric.layerle@asf.fr

### *ABSTRACT*

With 2566 km of highway in service, Autoroutes du Sud de la France manages the longest French toll highway network. To regularly follow-up the condition of such an asset, ASF set up an intern condition survey policy which defines the nature of characteristics to survey, the devices to use and the periodicity.

The policy is constituted of two different natures of condition survey:

- A systematic condition survey realized with a same periodicity whatever the age of pavement. The devices used by ASF allow to survey: roughness and skid resistance, rutting, evenness, distresses. They are rapid and multifunction devices.
- A particular condition survey which takes into consideration systematic condition survey results and field observations. The aim is to complete the first measures and to do a diagnostic, to determine the best date of maintenance works and the kind of product.

Condition survey results are integrated into ASF pavement management system and compared to warning level fixed by the intern policy.

The article will present in detail the ASF pavement condition survey policy, with description of each condition survey device used, the chosen frequency, and the measures analysis.

**KEY WORDS:** Pavement, highway, condition survey, asset management