

Safety and operation



A simulation of what motorists on the viaduct will see (courtesy of Eiffage)

A requirement for the structure is trouble-free operation for 120 years.

The viaduct has been designed to meet the highest requirements for durability and withstand the most extreme seismic and meteorological conditions. It has been designed to give at least 120 years of trouble-free operation.

User safety and comfort

The viaduct will have high performance safety fences able to

withstand the impact of lorries, 3m high transparent windscreens and emergency stopping lanes. Its lighting will also be designed for the comfort and safety of users. Emergency telephones have been placed every 400m for use in the event of a breakdown or accident.

The viaduct is expected to remain open 24 hours a day, except in the event of a serious accident or exceptionally strong winds. In addition to having access to national weather information, the viaduct will have its own weather forecasting system.

The structure will also have:

- automatic incident detection over its whole length,
- signing upstream of the viaduct (variable message signs),
- a monitoring and surveillance centre at the toll barrier,
- staff who are available to assist motorists,
- a winter maintenance service.