

REFERENCE CASE

ROADS & HIGHWAYS



Project Management for Major Highway Extension in Brazil

AutoBAN required an experienced partner that could provide project management to help with a major extension of the Bandeirantes Highway, the main aspect of the State of São Paulo Roads Concession Program. That's why they turned to our affiliated TÜV Rheinland Ductor.

Basic facts	
Client	CCR AutoBAN
Timeframe	June 1999 – February 2002
Project location	São Paulo and Campinas Region, Brazil
Main services	<ul style="list-style-type: none">▪ Project management of the extension works▪ Monitoring and supervision of the works and materials in the planning and construction phases
Involved regulations/standards	<ul style="list-style-type: none">▪ ISO 9001 standards

Initial situation and requirements

AutoBAN is a private highway organization controlled by Brazil's Companhia de Concessões Rodoviárias (CCR), which constructs and operates the country's toll roads. AutoBAN has gained public recognition for the quality of its highway system and, in 2008, was voted the best in the country by the National Association of Freight Transportation and Logistics. Since 1999, TÜV Rheinland has been assisting AutoBAN to assure the quality of its highways. So, when AutoBAN invested in a major extension of the Bandeirantes Highway between Campinas and Cordeirópolis – the main freight road linking the western region of Brazil with Port of Santos – they asked us to help ensure the successful construction of the 78-kilometer extension.

Solutions, results

Our 12-year project management and supervision support in the successful completion of several AutoBAN highway projects have made TÜV Rheinland the preferred choice at AutoBAN.

We supervised and monitored the extension works of the Bandeirantes Highway in compliance with ISO 9001 standards. We provided extensive support during the planning stage of the project, consolidating the project schedules from the construction companies, and overseeing the processing of design documents between all the parties involved.

In the construction phase, we controlled the quality and quantity of the works and materials, implemented processes and documentation using our own specially developed quality monitoring software. We provided sample checks to verify that topographical services conducted by construction companies were executed with the required precision and quality. Furthermore, we ensured that the works were carried out within the planned timeframe and budget while respecting the environmental restrictions and safety criteria.

Did you know?

Administered by CCR AutoBAN, the Anhanguera-Bandeirantes highway system consists of four highways with a total extension of 316 km and an average traffic volume of 850,000 vehicles per day.



Benefits for the client

TÜV Rheinland helped AutoBAN to:

- Meet all quality, operational and technical requirements.
- Ensure that all materials and works were in compliance with national and/or international regulations and valid standards.
- Successfully coordinate all parties involved in the design, fabrication and construction process.

Your contact:

TÜV Rheinland Group
Industrial Services
is@tuv.com
www.tuv.com

About TÜV Rheinland:

Founded 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

We inspect technical equipment, products and services, oversee projects and help to shape processes for companies around the world. Since 2006, we have been a member of the United Nations Global Compact to promote sustainability and combat corruption.

With our project management services, we are reliable partners for a wide range of clients across many industries, overseeing projects for infrastructure, mining, steelmaking, telecommunications, water and sewage, industrial plant and construction.

Our project management is accomplished through the appropriate application and integration of processes throughout every phase of your project. We can provide general coordination and technical support, planning and execution supervision, monitoring cost, quality, time, communication, risk, safety and environmental impact, for both the works carried out and the materials used. We also coordinate all parties involved in your project, such as design and consulting companies, contractors and suppliers.