



PROJECT

Bridge over El Potrero River

LOCATION

Florida,
Uruguay

INFORMATION

Area: Civil works
Market: Roadway bridges
Year of completion: 2017
Contractor: CIEMSA - MELITER
Final client: Dirección Nacional de Vialidad, Ministerio de Transporte y Obras Públicas de Uruguay (DNV-MTOP)
Our work: Detailed design

DESCRIPTION

The aim of the project was to intervene the existing crossing work (built in 1940) widening the road and reinforcing the structure to meet the current traffic requirements.

SOLUTION

It is a beam bridge with continuous spans linked to the infrastructure through hangers. All the structural elements were reinforced adapting the existing bridge for the new traffic loads and the hangers were substituted for elastomeric supports. The new bridge, with 282 ft. and a deck of reinforced concrete beams, was conceived as an integral bridge, which improved the behavior of the structure and suppress the need of seals maintenance.