



PROJECT

Rehabilitation and reinforcement of railway bridges

LOCATION

Uruguay

INFORMATION

Area: Civil works
 Market: Railway bridges
 Year of completion: 2018
 In collaboration with: Fhecor Ingenieros Consultores
 Contractor: COMSA - TEYMA
 Final client: AFE - MTOP
 Our work: Inspection, diagnosis and detailed design

DESCRIPTION

This project was financed by Mercosur Structural Convergence Fund with the goal of improving and enhancing the uruguayan national railway system infrastructures, allowing the circulation of trains with larger cargo capacity at higher speed.

SOLUTION

The project consisted on the structural rehabilitation of 46 railway bridges of steel structures, stone masonry, mass concrete and reinforced concrete. They are located in the railway branches of the centre-north area of the country. RDA Engineering developed the study of precedents and main inspections of the bridges, as well as the definition and supervision of a series of field tests and detailed engineering project of rehabilitation and reinforcement.