



General information

Location: Alberdi - Pilar, Paraguay

Purpose: Road bridges

Date of completion: 2018

Client: TOCSA-ECOMIPA Partnership

Final Client: MOPC

Length: 5,600 ft

Structural System: deck of precast reinforced concrete and post-tensioned concrete beams supported by cast in-situ concrete piles

Scope of work: Detailed design

Description

By executing this project, the government of Paraguay aimed to improve the road connections between the cities of Alberdi and Pilar. More than 65 miles of paved roads were built, including two bridges located over Tebicuary and Yacaré Rivers.

The project implied certain engineering design challenges, including some sections of camber and curvatures of the roads, and the combination of land and aquatic works onsite.
