



PROJECT

Pumping Station

LOCATION

San Lorenzo, Paraguay

INFORMATION

Area: Civil works
Market: Hydraulic structures
Year of completion: 2021
Final client: Consorcio CTC. Composed of:
Construpar S.A., TOCSA S.A., Tecnoedil S.A.
and Constructora Concret Mix S.A.
Our work: Detailed design and shop drawings

DESCRIPTION

This project will solve Paraguay River and Ñeembucú stream flooding, and will benefit more than 33,000 people in a direct way and 45,000 people indirectly.

SOLUTION

The project consists of three structures made of reinforced concrete to keep the water under control through floodgates and pumping, including pumping houses and control rooms, retaining walls and a 131 ft wide bridge made of prefabricated board.

OUR QUALITY TURN

The implementation of BIM tools allowed to create a tridimensional model of the complex structures, which served as a support for the coordination of all areas involved, and allowed an adequate change management during the project. The project was optimized and was tailored to the building company, improving its economic convenience and facilitating the building procedures.