



PROJECT

Bridge over Monday River

LOCATION

Paraguay

INFORMATION

Area: Civil works
Market: Bridges
Year of completion: 2022
General Constructor: CONSTRUPAR - HEISECKE
Client: Ministerio de Obras Públicas y Comunicaciones (MOPC)
Our work: Detailed design

DESCRIPTION

This project aims to enhance the crossing over the steep valley through which the Monday River runs in Paraguay. The structure, which connects to the new International Integration Bridge, will facilitate a better and quicker flow of people and goods between Paraguay and Brazil.

SOLUTION

The bridge will have a total length of 1,640 ft, featuring two different typologies. The first 492 ft adjacent to each abutment will be beam bridge viaducts, totaling a length of 984 ft with 98 ft spans. The central section, of 656 ft distributed across three spans with a main span of 328 ft, will be a segmental bridge with cast-in-place segments.

The roadway will maintain a constant width of 87 ft, consisting of a sidewalk and a cycle lane on each side, and two traffic lanes on each direction, separated by a "New Jersey" type barrier. The bridge will reach heights of approximately 328 ft in the valley area.