

Princess Nora bint Abdulrahman Univesity (PNU) is a public women's university located in the capital city of Riyadh in Saudi Arabia.

It is one of the 10 largest universities in the world and the largest university for women in the world.

The campus, constructed in a record time of 2 years is 8 milion m² in size with a maximum capacity of 60,000 students.

The Flyover bridge is a curved structure having 6 spans of 38m maximum length. Each span is composed by one post-tensioned box girder with 2 webs.

Box girders are cast-in-place elements put on scaffoldings. Total PT tonnage was 47,92T of 15,24mm dia. Strands.

Freyssinet scope was supervision of post-tensioning installation, stressing and grouting operations; Supply od material and equipment including 24no of 19C15 anchorages and 36no of 19CC15 couplers.

New structures

Post-tensioning Works

Riyadh University for Women –
Flyover bridge
Riyadh – Saudi Arabia



Client

Princess Noura Bint Abdulrahman

Consultant

Dar al Handasa Shair & Partners

Contractor

El Seif – CCC JV

Construction

May 2010