

FIRENZE – NEW HIGH SPEED STATION

DESCRIPTION

Final design is based on architectural design by Sir N. Foster and structural design by ARUP. The Station, 500x52 m, is underground for ≈25 m: final design has changed the construction technology from bottom-up to top-down. The part above ground - having two suspended levels - is realized with steel arches spanning 172 m. Among preparatory works an hydraulic underpass 150 m long has been designed, to be realized with the 'push-in' technique under rails.

Service provided: Structural working design

Client: Italferr

Year: 2008 - 2011

Amount of works: € 270.000.000 Euro

