

NEW HIGH-SPEED DOUBLE TRACK ELECTRIFIED RAILWAY LINE “OUED TLELAT – TLEMCCEN” ALGERIA

Client

SOCIETA' ITALIANA PER
CONDOTTE DELL'ACQUA S.p.A

Location

ALGERIA

Duration

2008 - ongoing

Nature of services provided

PRELIMINARY AND FINAL DESIGN

Main project data

LENGTH KM 132+000

PASSENGER DESIGN SPEED 220 KM/H

RAILWAY STATIONS n.4

MAXIMUM LONGITUDINAL SLOPE 16‰

TOTAL LENGTH OF VIADUCTS 17.070 m

TOTAL LENGTH OF TUNNELS 640 m

VIADUCTS n.56

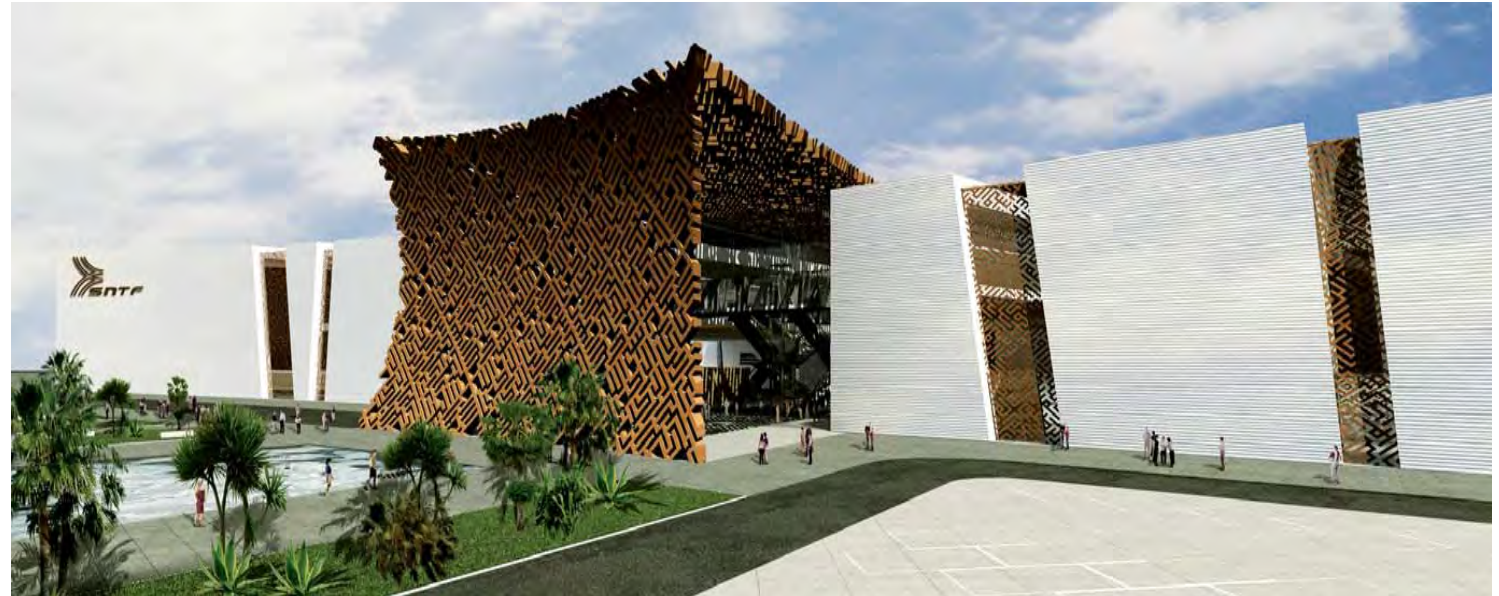
OVERPASSES n.28

UNDERPASSES n.29

BOX/PIPES CULVERTS n.158

Works contract amount

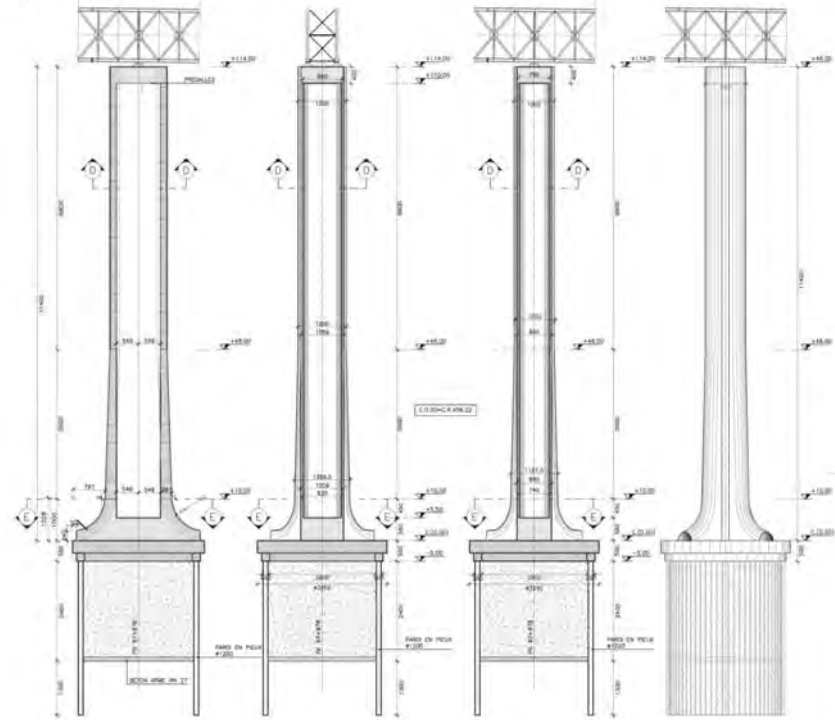
Euro 1.427.127.752,35



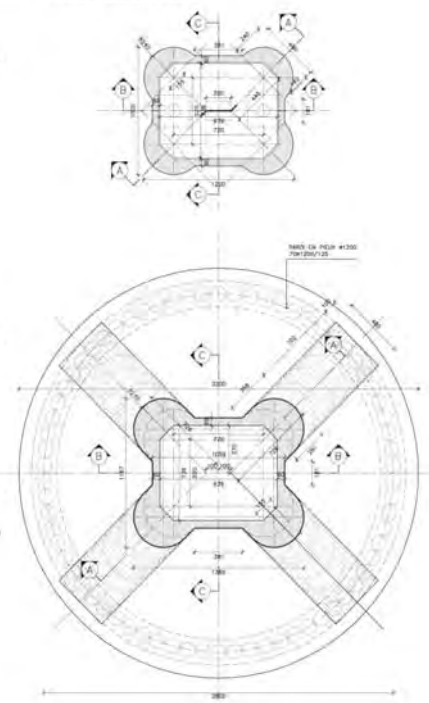
The design of the high speed railway line from Oued Tlélat -Tlemcen for a total length of 132 km, represents the first stretch of the planned link from Oued Tlélat to the Moroccan border as part of a wider development plan of the Trans - Maghreb Railway corridor rail link which will provide Morocco, Tunisia, Mauritania, Libya and Egypt. The proposed design provides a double line mixed passenger / freight electrified track (catenary of 25,000 Vc.a). The signaling is performed by an ERTMS system level 2. The number of stations planned is of three: Oued Tlélat, Sidi Bel Abbes and Tlemcen (also maintenance workshop).

Length of route km 132 ; Passenger Design Speed 200 km/h ;Freight Design Speed 100 km/h; 3 Railway stations ; Maximum longitudinal slope 16% ; Total length of viaducts 17,070 m ; Total length of tunnels 640 m ; 56 Viaducts ; 28 Overpasses ; 29 Underpasses ; 158 Box/pipes culverts.

VIADOTTO ECCEZIONALE - PK 06+808 - 06+808



SEZIONE TRASVERSALE PIA



PROFILO VIADOTTO ECCEZIONALE





