

IMPROVEMENT AND REFURBISHMENT OF THE KÉNITRA ROUTE (RN 1)

2012

Location

Salé, Morocco

Client

Agence Urbaine Rabat-Salé
(Rabat-Salé Urban
Development Authority)

Estimated Cost

412.5 million EUR

Stage

Public Tender

Extension

8000 m

The Kénitra route (RN 1) is the main road of Morocco. It is part of the single road corridor that connects the north and the west of the country, from Tangier to Guerguerat. The section under study, of approximately 8 km length, is part of a wider transformation project extending from the city of Salé to the city of Kénitra over approximately 30 km.

Part of a competition for proposals, this study reflects the concerns of the Kingdom of Morocco, of the World Health Organization, and of the Economic Commission for Africa of the UN in reducing the rate of accidents recorded in that country.

To that end, this study addressed the most relevant issues, proposing ambitious solutions and applying recent road engineering techniques that have had highly positive results in Europe: namely, turbo roundabouts, which promote safety and ensure a higher discharge capacity (number of vehicles per hour) by contrast with traditional roundabouts.

GRADE SEPARATION
AT THE EXIT OF RABAT



AERIAL VIEW



AERIAL VIEW OF THE ROAD





TYPICAL CROSS-SECTIONS

Simultaneously, the road engineering speciality sought to safeguard the most vulnerable users of the infrastructure: pedestrians and cyclists, in level crossings and footways, by developing dedicated cycle paths and encouraging the use of public transportation for passengers through the design of a dedicated channel.

These concerns and the high quality of the urbanistic treatment on the terrains adjacent to the road made A1V2's design the winning tender.

GRADE SEPARATION BY THE MEDINA WALL



TURBO ROUNDABOUT

