

CONTROL AND SUPERVISION OF THE REHABILITATION WORKS OF THE ROAD RN5: BIGNONA - DIOULOLOU - SELETY (66 km)

Country
SENEGAL

Location
Regional Road between Senegal and Gambia

Client
Ministry of Equipment and Transport

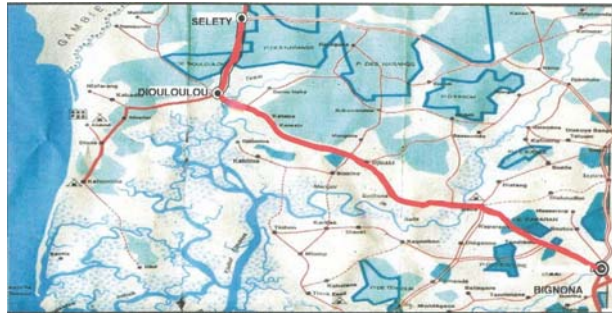
Financing
EC (8th EDF)

Project Cost
8,875,000 EUR

Services of ENB
800,000 EUR

Project Duration
07/2001 - 08/2003

Associated Firms
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Project Description

The object of this project was the rehabilitation and reinforcement of the bituminous road connecting the city of Bignona to the Gambian border. It constitutes a portion of National Road n° 5 (RN5) which originates at Kaolack, with a length of 66 kilometres. It is commonly called: Road Bignona- Diouloulou -Séléty.

The project is part of the « Programme of Sectoral Adjustment of Transport » (P.A.S.T/II), road component, financed by the European Development Fund (EDF). The time assigned for execution of the works was 25 months, with scope to strengthen the road surface and increase its width from 5.50 to 7.00 metres, demolition and rebuilding of the eroded sides at a depth of 0.15m, recycling of the existing bituminous cover for the whole width of the road, execution of a foundation stratum of a thickness of 0.15m in raw laterite, execution of a new base stratum of 0.15m in stabilised laterite of cement (3%) for a width of 7.00m, construction of pavements (2 x 1.5m) in stabilised laterite of cement (3%), execution of an impregnation stratum in « cut-back » (0/1) for a width of 7.20m, and execution of a cover in emulsion plaster (60%) in bitumen with double gravel.

- Total length of the road : 66.0 km
 - Width of the finished paved surface : 7.0 m
 - Pavements 2x1.50 m : 3.0 m
 - Hydraulic works (ditches etc.) : in total 79.0 m
- All these works are stabilisation works.
- Enlargement (28.0 m) of an existing bridge.
 - Installation of appropriate road signals.

Services

- Studies and approval by the Administration of the red line of the road Bignona - Diouloulou – Séléty
- Supervision and control of the topographic works
- Supervision and control of the road construction
- Studies and approval by the Administration of the laterite quarries along the road Bignona - Diouloulou - Séléty. Identification tests (granulometry, Atterberg limits, CBR proctors etc)
- Studies, supervision and control of the drainage works along the road Bignona - Diouloulou - Séléty
- Studies, supervision and control of the hydraulic works
- Supervision and control of the works of the installation of road signals (horizontal and vertical) along the road Bignona - Diouloulou - Séléty