

TRANS-ASIA

Rajasthan/MP Border to Jhansi Km. 579.00 to Km. 609.00 of NH-76 & Km. 0.00 to Km. 100.00 of NH-25 (East West Corridor)

Preparation of Feasibility Study and Detailed Project Report of a Road Project



Client

National Highways Authority of India
Ministry of Shipping, Road Transport
and Highways

Project

Preparation of Feasibility Study and
Detailed Project Report for
Rajasthan/MP Border to Jhansi Km.
579.00 to Km. 609.00 of NH-76 &
Km. 0.00 to Km. 100.00 of NH-25
(East West Corridor)IV

Location

Rajasthan / MP Border to Jhansi India

Project Period

Start April 2003
End December 2004

Project Description

The project involves the rehabilitation and upgrading to 4/6 lane divided carriageway configuration of East-West Corridor in the State of Madhya Pradesh under ADB Loan Assistance Programme - Package IV (Rajasthan/MP Border to Jhansi (Km. 579.00 to Km. 609 of NH-76 & Km. 0.00 to Km. 100.00 of NH-25).

The highway construction works comprised the upgrading and rehabilitation of the existing 1-lane / 2-lane carriageway of flexible pavement to 2 x 2 – lane dual carriageway with raised median and shoulders (1.5m paved plus 1.00m earthen), widening / rehabilitation of existing bridges and drainage structures, and construction of new bridges, railway overbridges, grade separators, underpasses, culverts and earth retaining structures. The existing bridges and culverts were rehabilitated and widened or reconstructed to the total road formation for the 2 x 2 – lane dual carriageway plus median. The existing minor bridges were widened to the design deck width. The new structure carrying the raised NH sections at grade separators was for 2 x 2 – lane width.

Scope of Services

Trans-Asia provided the consultancy services as follows:

- Carried out preliminary surveys and investigation to identify road sections (including CDS) requiring reconstruction and/ or rehabilitation.
- Carried out detailed engineering design for the sections identified above.
- Assessed the maintenance needs for the remaining length of the project road.
- Carried out overlay design for the sections identified for maintenance.
- Structured the project for successful execution on appropriate commercial format like BOT/Private Sector Participation/ Annuity. etc.
- Provided project implementation schedule for construction