

# CASE STUDY: DPR FOR UDAIPUR TO AJMER SECTION OF THE GOLDEN QUADRILATERAL HIGHWAY



The Project consisted of preparation of DPR for the Udaipur to Ajmer section of the Golden Quadrilateral.

The Golden Quadrilateral (GQ) is a highway network connecting India's four largest metropolises: Delhi, Mumbai, Chennai and Kolkata, thus forming a quadrilateral of sorts. The network also serves Bangalore, Pune, Ahmedabad and Surat. The largest highway project in India, it is the first phase of the National Highways Development Project (NHDP) and consists of building 5,846 Kms of four/six lane express highways at a cost of INR 60,000 Crore (US \$13.3 billion)

The GQ project is managed by the National Highways Authority of India (NHAI) under the Ministry of Road, Transport and Highways.

## Project Summary

Preparation of DPR for Udaipur to Ajmer section of the Golden Quadrilateral

SYConE was chosen for this project because of its prior experience in completing similar projects for very large stretches of highways in India. Engineering Consultancy Services for the project included Topography survey, Soil Investigation, Material Surveys & Testing and Traffic Engineering all along the road stretch of 275 Kms.

## Location

- ▶ Udaipur to Ajmer section of the Golden Quadrilateral Highway, in the state of Rajasthan, India

## Consultancy Period

- ▶ 2006

## Key Statistics

- ▶ Length: 275 Kms

## Client

- ▶ Sverdrup Consultants

## SYConE's Contribution

An experienced team successfully completed the Engineering services in the given time frame. This enabled the Client to prepare the DPR in detail and ahead of time.

## The SYConE Advantage

This stretch of highway passes through harsh terrain with desert temperatures. SYConE ensured timely delivery of the survey and investigation data enabling the client to proceed with the works without any delays.

Process driven quality checks were conducted which helped in maintaining quality of workmanship in survey and material quality testing.