

FOUR LANING OF NH – 1A FROM JAMMU TO SRINAGAR

Section Udhampur to Banihal (km 66 to km 188)

Country: India
Client: National Highways of India
 Louis Berger Group Inc.
Year 2005



Job description:

As a part of India infrastructure development the decision was taken to reconstruct and increase capacity of NH – 1A Highway running from Jammu to Srinagar. The highway is important connection to Indian part of Kashmir which is frequently used by army and police.

The road runs through river Chenab valley in a very complicated geological conditions. There is many landslides on this road. Moreover the road runs through seismic zones.

Services Provided:

D2 Consult prepared tender documentation for 7 tunnels (length 200 m – 900 m) two-lane tunnels with one way traffic.

Activities:

- ◆ Tunnel cross-section design
- ◆ Determination of kvasihomogeneous geological units
- ◆ Primary lining design (NATM support classes)
- ◆ Secondary (permanent) lining design
- ◆ Ventilation calculations
- ◆ Lighting calculations
- ◆ Tender documentation Bill of Quantities

