

Project Name: Development of Economic Corridors and, Inter Corridors, Feeder Routes to improve the efficiency of freight movement in India under Bharatmala Pariyojna (Lot – 4/Package -1) Karnal Ring Road in the State of Haryana (Design Ch. 00+000 to Design Ch. 34+560).

DETAIL NOTE ON THE PROJECT


The Ministry of Road Transport and Highways (MoRTH), Government of India has proposed “Bharatmala Pariyojana” an Umbrella scheme of road development project through National Highways Authority of India (NHAI), National Highway, Industrial Development Corporation Ltd (NHIDCL) and State Public Works Departments (PWD). This is the second largest highways construction project in the country after NHDP, where in almost 50,000 Km of roads are targeted to construct across the country. This project aim to improve connectivity particularly on economic corridors, border areas and to remote areas with an aim of rapid and safe movement of cargo to boost exports. International trade considered as a key aspect in this scheme and North Eastern states have been given special focus.

In pursuance of the above, SA Infrastructure Consultants Pvt. Ltd., Noida has been appointed as Consultants to carry out the Consultancy Services for Preparation of DPR for development of Economic Corridor, Inter Corridors and Feeder Routes to improve the efficiency of freight movement in India under Bharatmala Pariyojana (Lot-4/Package-1) section in the state of Haryana (Karnal Ring Road).

The Government of India has decided to take up the development of Karnal Ring Road in the State of Haryana to upgrade the road network to meet the growing traffic requirement in this part of the country by augmenting the road capacity for safe and efficient movement of the traffic.

The National Highways Authority of India (NHAI) has been entrusted with the work of Preparation of Detailed Project Report for Construction of Six Lane Greenfield Karnal ring road Shamgarh - Bijana National Highway No. NH- 44 from junction with Nh-44 Shamgarh village near to Indari (Karnal) to junction with NH-115 near Bijana Village (Karnal) including spur to Kharar with Karnal Ring Road under Bharatmala Pariyojna in the State of Haryana Hybrid Annuity Mode, Lot-4/Package-1 (Design Ch. 00+000 to Design Ch. 34+560) “Greenfield is Shamgarh NH-44 & terminates at Ch. 34+560 near Bijana in the State of Haryana”.

Haryana in India located in the northern-part of the country. It was carved out of the former state of East Punjab on 1 November 1966 on a linguistic basis. It is ranked 20th in terms of area, with less than 1.4% (44,212 km² or 17,070 sq mi) of India's land area. The state capital is Chandigarh and the most populous city is Faridabad, which is a part of the National Capital Region. The city of Gurgaon is among India's largest financial and technology hubs. Haryana has 6 administrative divisions, 22 districts, 72 sub-divisions, 93 revenue tehsils, 50 sub-tehsils, 140 community development blocks, 154 cities and towns, 6,848 villages, and 6,222 villages panchayats.


परियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प्लाट-4-अम्बाला / Plot-4-AMBALA

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There are 30 special economic zones (SEZs), mainly located within the industrial corridor projects connecting the National Capital Region. Cities like Gurgaon is considered one of the major information technology and automobile hubs of India. Haryana is the 11th-highest ranking among Indian states in human development index. The economy of Haryana is the 13th largest in India, with a gross state domestic product (GSDP) of ₹7.65 trillion (US\$100 billion) and has the country's 5th-highest GSDP per capita of ₹240,000.

Rich in history, monuments, heritage, flora and fauna and tourism, with a well-developed economy, national highways and state roads, it is bordered by Himachal Pradesh to the north-east, by river Yamuna along its eastern border with Uttar Pradesh, by Rajasthan to the west and south, and Ghaggar-Hakra River flows along its northern border with Punjab. Since Haryana surrounds the country's capital Delhi on three sides (north, west and south), consequently a large area of Haryana state is included in the economically important National Capital Region of India for the purposes of planning and development.

Karnal Ring Road starting Ch. 00+000 is Shamgarh & terminates at Ch. 34+560 near Bijana Bus Stand. The length of project road is 34.560 Km. this is a completely new Green Field Alignment, mainly passes through Plain terrain and shall be constructed as 6-Lane with Paved shoulder with 6-lane structures configuration. The Proposed ROW is taken as 60 m in which all the configurations shall be fitted with.

Following are the expected benefits due to the proposed national highway:

- Better level of service in terms of improved riding quality and smooth traffic flow.
- Faster transportation will ultimately lead to massive savings in the form of reduced wear and tear of vehicles, reduced vehicle operating costs (VOCs) and total reduction in transportation costs etc.
- With the improvement of road surface, the traffic congestion due to obstructed movement of vehicles will be minimized and thus wastage of fuel emissions from the vehicles will be reduced.
- Increased road landscaping and safety features.
- Enhanced connectivity between rural & urban population which will benefit the all sections of the society like general population, small-medium-large scale industries, farmers, businessmen etc.
- Improved access to higher education facilities & modern health facilities.
- Strengthening of both rural & urban economies which in turn will improve economic scenario of the state and country.
- Improved road connectivity helps in better implementation and management of government schemes.
- With improvement in economy, more generation of employment opportunities.
- Overall improvement of the region.


परियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highways Authority of India
प.०१२-जयपुरा / PHU-AMBALA
Signature of User Agency