

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).

JUSTIFICATION **FOR LOCATING THE PROJECT IN PROTECTED FOREST AREA**

The Government of India has decided to take up the development of various road stretches/Corridors in the Northern part of the country 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 Four/Six Lane Greenfield 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, Under Bharatmala Pariyojna in the State of Haryana on Hybrid Annuity Mode, Lot-4 Package-1 (Design Ch. 00+000 to Design Ch. 34+560).

Project stretch falls in the state of Haryana. Haryana is in northern-part of India and has a total area of 44,212 km² mi. Most of the Haryana lies in a fertile, alluvial plain with many rivers and an extensive irrigation canal system. A belt of undulating hills extends along the northern part of the India. Its average elevation is 200 to 1200 meters above sea level, the Haryana state in North India has vast network of at least 34 National Highways (NH) with total length of **2,484 km**, 11 Expressways including 3 National Expressway, State Highways (SH) with total length of 1,801 km, Major District Roads (MDR) major district roads with 1,395 km length and Other District Roads (ODR) .

Karnal Ring Road starting Ch. 00+000 is Shamgarh & terminates at Ch. 34+560 near Bijana. The length of project road is 34.560 Km, Under Bharatmala Pariyojna in the State of Haryana on Hybrid Annuity Mode, Lot-4 Package-1 (Design Ch. 00+000 to Design Ch. 34+560). this is a completely new Green Field Alignment, mainly passes through Plain terrain and shall be constructed as 4-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.

The proposed road would act as the prime artery for the economic flow to this region. It will enhance economic development, provide employment opportunities to locals, strengthen tourist development, ensure road safety, provide better transportation facilities and other facilities such as way side amenities etc. Vehicles operating cost will also be reduced due to improved road quality.

Sufficient care has been taken during the design stage to avoid acquisition of forest areas located along the project road. No Forest area identified along the proposed alignment, however at some locations (crossings point of roads/railway line/canal/drain/river bund etc.), the proposed project falls in notified protected forest areas declared for management purposes and diversion of protected forest land is unavoidable.


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