

Project Name : Improvement and Up-gradation of NH-731 to 2-Lane with Paved Shoulder from Km 40.00 to Km 88.750 under Package 1 in Shahjahanpur District and Forest Division (**Total Length-48.75 Km of Package 1**)
Proposal No. : FP/UP/ROAD/148376/2021

Project Justification

Ministry of Road Transport and Highways through NHAI planned for improvement and up-gradation of Stretch of Palia, Shahjahanpur via Hardoi-Lucknow length 270 Km (in principle declared National Highways) in the State of Uttar Pradesh under package RO/LKO/DPR/I.P.NH/Pkg-VI.

Initially the project road section was seeing by PWD with 32 m of ROW. In which, only 12 m ROW was used for existing road with FCA diversion. Remaining area was left for future purpose. Now NHAI is the nodal agency to take care of this section and proposed for construction with upgradation of that section to 2-lane with paved shoulder and service road. Project road was notified as NH-731 on 06.03.2018 vide notification no. **S.O.993.(E)**.

Project stretch connects major towns / settlements along Palia Kalan, Mailani, Khutar, Powayan, Shahjahanpur, Shahabad, Hardoi, Sandila, Lucknow, etc. Total length of the Project Highway alignment is 266.014 km.

Project road has been divided in 4 Packages viz. Existing Road between Palia Kalan and Shahjahanpur is 2-Lane carriageway (Package 1), Shahjahanpur and Hardoi is 4-Lane divided carriageway (Package 2), Hardoi to the district boundary of Lucknow is 2-Lane with paved shoulder (Package 3) and the existing road located in district of Lucknow is 2-Lane Road (Package 4).

The project stretch under discussion is Improvement and Up-gradation of Existing Road (NH-731) to 2-Lane with Paved Shoulder and Service Road from Km 40.00 to Km 88.75 of NH-731, Start of Khutar Bypass to Start of Shahjahanpur Bypass in Shahjahanpur District of NH-731 in the State of Uttar Pradesh under Shahjahanpur Forest Division of Uttar Pradesh State (Total Length- 48.75 Km of Sub-Package 1).

The project road section starts at Km 40.00, Salnahan Village, Shahjahanpur District and ends at Km 88.750, Paina Bujurg Village, Shahjahanpur District in the state of Uttar Pradesh. The abovementioned section of NH-731 is mostly running through plain terrain.

*The linear plantation along the side of Khutar-Shahjahanpur National Highway-731 has been notified as Protected Forest Land vide **Gazette Notification No. 1115/14-331-50**, of Uttar Pradesh Forest Department dated 20.02.1960.*

Traffic in the project section is likely to be increased at the rate of 5 – 7% per annum and shall reach to the capacity of more than 10000 AADT by fy 2028 in most likely scenario. Therefore, immediate

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widening and improvement existing road to 2 lane configuration is required to tackle this much traffic as per IRC SP-84:2019. To minimize the land acquisition mostly existing centre line with concentric widening is being followed.

The forest land requirement for the project is limited only for proposed widening from the project existing RoW. Therefore, no other suitable alternative is available for the project. Also, the demand of protected forest land is the barest minimum.

The project is required to complete on priority to mitigate the sufferings of the people and for socio-economic development of the region.

National Highways Authority of India (NHAI)

Place: Bareilly


(Amit Ranjan Chitranshi)
Project Director, Bareilly

परियोजना आयोजन इकाई, बरेली