

Construction of proposed 6-Lane Expressway from Lucknow to Kanpur in the State of Uttar Pradesh

Salient Features of the project

- The proposed project is a new Construction of 6-Lane Expressway from Lucknow to Kanpur. Project starts from Shuklaganj junction on the NH-25 and end at the crossing of the proposed Lucknow Ring road and existing NH-25.
- The total length of proposed new 6-Lane Expressway connecting Lucknow to Kanpur is 62.770 Km. The proposed road traverses Lucknow and Unnao districts in the state of Uttar Pradesh.
- The major settlements along the alignment are Lucknow, Sarojininagar, Banthara, Junabganj, Sohramau, Ashakhera, Nawabganj, Chamrauli, Dahichauki, Unnao and Kanpur.
- The Proposed Right of way (ROW) is between 90 m to 120 m.
- The land acquisition for the proposed alignment is 469.74 Ha. The proposed alignment is crossing through “Unnao – Lalganj Marg” (new NH-31, Old NH-232 A), on which there are Protected forests.
- The land use pattern on either side of 10 Km of the project road is predominantly agriculture followed by habitation area.
- The Proposed road is having following existing structures : ROB – 1 no; Truck lay bye - 1 no.; Bus shelter- 6 nos.; toll plaza 1 no.; Major Bridges - 2 nos.; Minor Bridges - 11 nos.; Major Intersections - 8 nos.; Minor intersections - 85 nos.
- There are improvement proposal in 8 nos. of Major junctions, 14 nos. of Minor junctions, 1 no. of Minor Bridge and 16 nos. of Culverts.
- There are, 2 Nos. of new Major Bridge, 25 nos. of new Minor Bridge, 63 nos. of new Culverts 4 nos. of Flyover, 2 nos. of Elevated, 3 nos. of Interchanges, 12 nos. of new VUP's, 13 nos. of LVUPs, 14 nos. of new PUP's, 1 no. of ROB and 7.562 Km of Service / Slip road proposed to be developed in the project road.
- Safety measures will be provided as per NHA Safety Manual IRC: SP 88 and Expressway Manual IRC: SP 99.
- Approximately 5000 trees exist along the proposed alignment. Efforts will be made to minimize the trees loss by restricting tree cutting within formation width. Avenue plantation shall be carried out as per IRC SP: 21:2009 on available ROW apart from statutory requirements.
- Materials requirements are aggregate (28,60,800 cum), Bitumen (32,200 MT), Soil (89,45,000 cum), Sand (4,76,800 cum), Steel (93,500 MT), cement (3,73,000 kg) .
- The total requirement of water for construction is estimated to 2351 KL/day, to meet the water requirement for construction.
- Approx. 424 structures will be affected due to proposed Expressway. The project affected person and project affected families are 1550 and 620 respectively. The NHA shall compensate the affected title holder as per NHA Act, 1956.
- The total estimated Project Cost is approximately Rs 4467.41 Crores.