

### Project Justification

**Project:** Widening and Improvement of the existing road to 2 -laning of Aurad - Bidar Section of NH-161A from Maharashtra/Karnataka Border (Km 0.000) to Bidar (Km 45.878) in Bidar District in the state of Karnataka.

The Ministry of Road Transport and Highways (MORTH), Government of India has proposed "Bharat Mala Pariyojana" an Umbrella scheme of road development project. This program aims 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. It has been decided to take up its part through National Highways Authority of India (NHAI) for the development of project under Lot-3.

The National Highways Authority of India, Government of India (GoI) is undertaking "Widening and Improvement of the existing road to 2 -laning of Aurad - Bidar Section of NH-161A from Maharashtra/Karnataka Border (Km 0.000) to Bidar (Km 45.878) in Bidar District in the state of Karnataka". The project road starts from Aurad- km 0.00 Maharashtra /Karnataka border (at the end point of Lot-1/MH/ Package 2) - Latitude: 18°15'12.46" & Longitude: 77°25'29.04" and ends near Joining point of Bidar ring road in Bidar- km 45.878 - Latitude: 17°56'11.90" & Longitude: 77°30'49.18". The project road passes through Aurad (km 0 to km 32.040) and Bidar (km 32.040 to km 45.878) talukas in Bidar district of Karnataka state. The existing road is a State Highway which will further proposed as National Highway (NH -161 A) under "Bharat Mala Pariyojana".

As project is an existing highway and Involving minimal forestland requirement therefore considered as recommended alignment. On this stretch available RoW is 45 m as obtained from Executive Engineer, PWP & IWTD Division Bidar, Karnataka vide his office reference EE/PWPIWTD/Dn/Bdr/JE1/2017-18/3936 dated 26/12/2017 9 (attached as Annexure -1). The details of existing chainage and design chainage is given below.

S.No	Existing Chainage (Km)		Design Chainage (Km)		Design Length (Km)	Remarks
	From	To	From	To		
1	0.000	45+878	0.000	45+535	45+535	Existing Road

The project will give significant economic benefits to the State. Development of highway will lead to better connectivity and will play a significant role in reducing the pollution due to traffic congestion in city area as well as it will help in changing the socio-economic condition of the people living in the region. Installation of proper road safety system through signage, barricades, crash barriers, noise barrier etc. on project road will further enhance the road safety and minimize human-animal conflicts. The project will also generate direct and indirect employment to the local people of the State. The indirect benefits include savings in vehicle operating costs, less fuel consumption and decreased cost and time of passenger travel.

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