

Project Brief Note

The National Highways Authority of India (NHAI) has been entrusted with the assignment of Development of Economic Corridors, Inter-corridors and feeder routes and Coastal road primarily to improve the efficiency of freight movement in India under Bharatmala Pariyojna Lot-3/Odisha & Jharkhand/Package-2 having length of proposed alignment 463.265 km (which is totally green field) which starts from near Abhanpur (ch. 0.000)/ch. 61.600 of proposed Raipur-Durg Bypass and ends at Vishakhapatnam bypass (ch.463.265) of Existing section of SH-38.

This brief report is for from Ch 0.00 km to 124.661km. This package of proposed project will start from Jhanki village of Abhanpur tehsil in Raipur district and passing through four districts such as Raipur, Dhamtari, Kanker and Kondagaon districts of Chhattisgarh state and ends at Marangpuri village of Baderajpur tehsil in Kondagaon districts.

Project Location

The length proposed for the phase-1 stretch measures 124.661Km and starts at near Abhanpur village (Raipur) and terminates at Marangpuri village in the state of Chhattisgarh.

This phase of the Raipur-Vishakhapatnam economic corridor alignment starts at Jhanki village near Abhanpur and connecting Abhanpur of Raipur district Kurud, Magarlod, Dhamtari & Nagri of Dhamtari district, Naraharpur of Kanker District, Bade Rajpur (visrampur) of Kondagaon District in Chhattisgarh.

Project Benefits:

The benefits of the Project are multi-fold. It will substantially reduce the travel time and the other remote areas falling on the alignment. In addition to the improved connectivity, it will also provide a boost to the economic status of the villages / towns falling in the dedicated Project area. Overall improvement will be expected in local area in terms of:

- Better connectivity to economic, social and political hubs of Chhattisgarh.
- Fast and safe connectivity resulting in savings in fuel, travel time and total transportation cost.
- Better approach to medical & educational services.
- Faster transportation of perishable goods like fruits, vegetables, dairy products and marketing of agricultural products.
- Development of local agriculture and handicrafts.
- Opening up of opportunities for new occupations and trade on the route.
- Better connectivity to rice mills of Chhattisgarh, industrial cities and Vishakhapatnam port.
- Indirect and direct employment opportunity to people from all skilled, semiskilled and unskilled streams.

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Proposed National Highway is Green field alignment project and proposed for 6 lane carriageway width with paved shoulders. The project road starts from Jhanki village of Abhanpur tehsil in Raipur district and passing through four districts such as Raipur, Dhamtari, Kanker and Kondagaon districts of Chhattisgarh state and ends at Marangpuri village of Baderajpur tehsil in Kondagaon districts



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from CH: 0+000 to 124+661 having a total length of 124.661kms. The proposed National Highway project has been envisaged through an area which shall have the advantage of simultaneous development as well as shall result in a shorter distance to travel.

The salient features of the proposed project have been presented below:

Salient features of the project

1.	Project Road	Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2) Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661 km) (Length 124.661 km) in the State of Chhattisgarh under BharatmalaPariyojana in the state of Chhattisgarh
2.	Location of the proposed project	The Part 1 of this proposed project will start from Jhanki village of Abhanpur tehsil in Raipur district and passing through four districts such as Raipur, Dhamtari, Kanker and Kondagaon districts of Chhattisgarh state and ends at Marangpuri village of Baderajpur tehsil in Kondagaon districts in the state of Chhattisgarh.
3.	No, of affected villages by Land acquisition	Raipur District: 06 villages Dhamtari District : 35 villages Kanker District: 16 villages Kondagaon District: 09 villages Total: 66 villages
4.	Total Length of the proposed project	124.661 km
5.	Total Area of Land Acquisition	Total Land Requirement : 705.839 Ha. Non forest land:477.7965 ha Forest Land: 228.0425 Ha.
6.	Terrain	Mostly plain and hilly area.
7.	Seismic Zone	Zone II
8.	Geographical Location	Starting Point: 21°05'18.85"N 81°45'01.40"E Ending Point: 20°01'44.59"N 81° 51'58.13"E
9.	Proposed Bridges	Major Bridges –09 Nos. Minor Bridges –43 Nos.
10.	Proposed ROBs / Underpasses / Flyover including Pedestrian underpass/Tunnels and	ROBs: 1, VUP: 04,SUOP/LVOP/VOP/SVOP:02, SVUP/VOP:29,FLYOVER: 01, VIADUCT: 06, TUNNELS: 01

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	Viaducts	
11.	Culverts	148Nos
12.	Right of Way	60 m and 45 m in forest areas
13.	Design Speed	100 km/hr for plain terrain and for rolling terrain
14.	Carriageway	2x14.5 m.
15.	Embankment	1.2m (Average)
16.	Proposed Toll Plazas	01 location at km 13+300; 10 lanes on both side
17.	Safety Measure	Crash Barriers
18.	Lighting	Lighting all along including High Masts at Toll plazas, interchanges, major bridges / ROB's and Amenities and Truck Parking Areas
19.	No of Structures Affected	54
20.	Total Project Cost	4068.16 Cr (approx.)
Environmental & Social Features		
21.	Forest Land Diversion	228.0425 Ha.
22.	Water bodies Impacted	At 36 locations (08 Ponds, 10 canals, 10 local streams, 06 Seasonal streams, 01 location (Mahanadi River) and 01 Nalah/Canal)
23.	Existing trees within ROW	Estimated number of tree is approx. 40000 (will be confirmed after joint enumeration with Forest Department)
24.	Green belt development	As per IRC SP 21:2009 /MoRTH Code/Guidelines
25.	No. of project affected persons (PAFs) & (PAPs)	Total PAFs – 54 Total PAPs – 270
26.	Resettlement & Rehabilitation Cost (R&R) including land Cost	Rs. 227.61Crores

Date: - 28/06/21
Place:- Dhamtari

Project Director
NHAI – PIU Dhamtari, Chhattisgarh

Name: - Savyasachi Choudhury


28/06/21

Seal & Signature

PROJECT DIRECTOR
NHAI, PIU, Dhamtari (C.G.)