

चेक लिस्ट क्रं.सं. 10

न्यूनतम वन क्षेत्र उपयोगिता प्रमाण पत्र ।



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

(Ministry of Road Transport and Highways Govt. of India)

कार्यालय परियोजना निदेशक, प.का.ई. कोरबा (छ.ग.)

Office of the Project Director, Korba (C.G.)

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Project- Development of Economic corridor, Inter Corridors, Feeder Routes and National Corridors to improve the efficiency of freight movement in India under Bharatmala Pariyojana [Lot-3/Chhattisgarh/Package-1(Urga- Pathalgaon Section of NH-130A Raipur Dhanbad Economic Corridor)]

CERTIFICATE

UNDERTAKING FOR MINIMUM DEMAND OF FOREST AREA

This is certify that the forest area involved in Development of Economic Corridors, Inter Corridors, Feeder Routes and National Corridors to improve the efficiency of freight movement in India under Bharatmala Pariyojana [Lot-3/Chhattisgarh/Package-1 (Urga-Pathalgaon Section of NH-130 Raipur Dhanbad Economic Corridor)] in Korba Forest Division , Dharamjaigarh Forest Division and Jaspur Forest Division of the State of Chhattisgarh is unavoidable and barest minimum forest area i.e., **169.0231 Ha.** Area proposed for diversion.

Date:- 12/05/2023

Place:- Korba


वन मण्डलाधिकारी
परमचक्रवर्त वन मण्डल
जिला राबगढ़ (छ.ग.)


(D.D.Parlawar)
Project director
NHAI, PIU Korba



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport and Highways' Govt. of India)
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Office of the Project Director, Korba (C.G.)

एम.आई.जी II/12 महाराणा प्रताप नगर विस्तार, हेलीपेड रोड, घंटाघर के समीप, निहारिका, कोरबा-495677 (छ.ग.)
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Project Name- Development of Economic corridor, Inter Corridors, Feeder Routes and National Corridors to improve the efficiency of freight movement in India under Bharatmala Pariyojana [Lot-3/Chhattisgarh/Packge-1(Urga- Pathalgaon Section of NH-130A Raipur Dhanbad Economic Corridor)]

UNDERTAKING FOR MINIMUM TREE FELLING IN FOREST AREA

This is to certify that the forest area involved in Development of Economic corridor, Inter Corridors, Feeder Routes and National Corridors to improve the efficiency of freight movement in India under Bharatmala Pariyojana [Lot- 3/Chhattisgarh/Packge-1(Urga- Pathalgaon Section of NH-130A Raipur Dhanbad Economic Corridor)] in Korba Forest Division, Dharamjaigarh Forest Division and Jashpur Forest Division in state of Chhattisgarh is unavoidable and the barest minimum forest area i.e. **169.0231 ha.** area proposed for diversion and tree felling shall be restricted to the proposed ROW only, which is barest minimum.

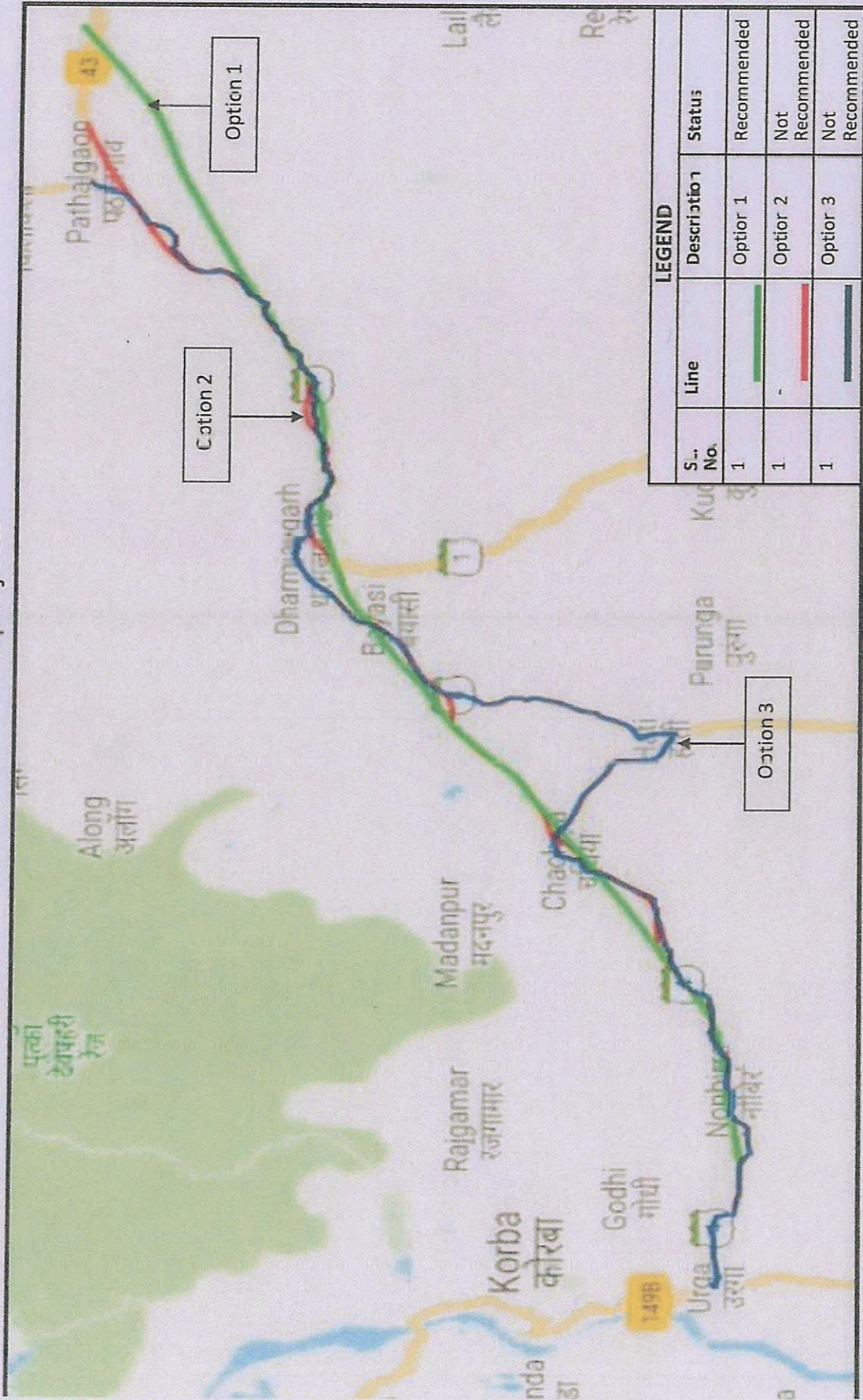
Date: - 12/05/2023

Place: - Korba

(D.D.Parlawar)
Project Director
NHAI, PIU Korba

Analysis of Alternatives

Three alternative options were considered for the project.



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

Analysis of Alternatives

S. No	Description	Option I	Option II	Option III
1.	Length (Km.)	87.545 (approx.)	84.398 (approx.)	97.078 (approx.)
2.	Start point	Alignment starts at Chitapali village at ch. 8/150 of SH-04	Alignment starts at Chitapali village at ch. 8/150 of SH-04	Alignment starts at SH 9 near Uрга village
3.	End point	Alignment terminates at Turua Ama village, 10km away from Pathalgaon along NH-43 towards Jharkhand border.	Alignment terminates at Turua Ama village, 10km away from Pathalgaon along NH-43 towards Jharkhand border.	Alignment terminates at Ambikapur Highway, Pathalgaon
4.	Districts	Korba, Raigarh and Jashpur	Korba, Raigarh and Jashpur	Korba, Raigarh and Jashpur
5.	Connecting Highways	NH43	NH43	NH43
		SH4	SH4	SH4
	Lane Configuration	4L PS	4L PS	4L PS
6.	Proposed Right of Way (m)	60	60	60
7.	Ex. Right of Way (m)	Greenfield alignment, therefore Nil	Greenfield alignment, therefore Nil	10 mtrs
8.	Approx Travel Time	2 hrs 6 minutes	2 hrs 20 Mins	2 Hrs 45 Mins
9.	No of NH crossings	1	1	1
10.	No of SH crossings	1	1	1
11.	Features	Underpasses 29	Underpasses 57	Underpasses 64
		Flyover 1,	Flyover 1	Flyover 3
		Elephant underpasses - 12 nos		
		Major Bridge 7	Major Bridge 7	Major Bridge 6
		Minor Bridge 22	Minor Bridge 27	Minor Bridge 20
		Overpasses - 6 nos.		
12.	Number of settlements shall be affected	5	7	43
13.	Length of proposed road along the settlements (Km.)	0.3	0.7	12

Analysis of Alternatives



S. No	Description	Option I	Option II	Option III
14.	Affected Forest Area (Ha)	169.0231 (approx.)	188 (approx.)	210 (approx.)
15.	Land Acquisition (Ha)	516.921	738.171	927.89
16.	Land Acquisition Cost (Cr.)	641	622	1190
17.	Eco-sensitive/Protected Area	None	None	None
18.	Merits	1. Major part of the alignment passing through the agricultural and barren land with patches of Forest		
		2. No ESZ areas in the RoW		
		3. The forest area is less than Option 3.	3. The forest area is less than Option 3.	
		1. Least Pollution Envisaged		
		2. Shortest Distance. Hence least time required for commuting		
19.	Demerits	3. Least land to be Acquired		
		4. Least number of settlements to be affected		
		5. Least number of Sensitive Features		
		1. Maximum number of bridges proposed	1. Maximum number of bridges proposed	1. Maximum number of Sensitive Features
				2. Maximum forest Area
				3. Maximum Land to be acquired
				4. Maximum Settlements to be affected.