APPENDIX (See Rule 6) FORM – 'A' Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities PART-I

(to be filled up by user agency)

S.No.	Project Details	Description
1.	 (i) Short narrative of the proposal and project/scheme for which the forest land is required. 	The project of construction of new six lane Tunnel at Khambatki ghat is situated in Wai and Khandala Talukas of Satara district on NH - 4 from Ex. Km. 771.730 (Design Km 771.730) to Ex. Km 782.000 (Design Km 778.190). The proposed length of the Project Highway is about 6.46 km.(from design Km 771.730 to design Km 778.190)
		The Project Highway passing through:
		i) private land from design Km 771 730 to design Km 773.310
		ii) forest land from design Km 773.310 to design Km 773.980 (underground tunnel in forest from Km 773.310 to Km 773.878 about 568 m and approach to tunnel from Km 773.878 to Km 773.980 about 102 m). Deforestation is required about 0.9 ha of forest area in approach to tunnel portion i.e., from Km 773.878 to Km 773.980 for a length of 102 m.
5		iii) private land from design Km 773.980 to design Km 778.190
	•	In this project two tunnels at a distance of 30 m. are proposed for both Pune to Satara and Satara to Pune traffic.
		The width of each Tunnel is 13.10 m. to accommodate three lane carriageway of NH-4, with foot paths and other facilities.
		Thus, the construction of this twin Tunnel requires a RoW of 90 m. The configurations of the Tunnel are as per the provisions of IRC: SP-91-2010.
	(ii) Map showing the required forest land, boundary of	Map of 1:50000 scale is enclosed

2	2. Purpose-wise	break un (of the total	land required
-	a i ui pose mise	Dican up	or the total	land required

SATAR	A FOREST I	DIVISION :	FOREST LAND			
Sl.No	Name of Taluk	Name of the village	Compt.No. / Gut No	Area in Ha.	Purpose	
1	Wai	Vele	1010	2.25	Construction of	
2	Khandala	Wanyachiwadi	473	5.01	new six Lane Tunnel with Approaches	
		Grand To	tal	7.26		
			NON FOREST LAND			
Sl.No	Name of Taluk	Name of the village	Gut No	Total Area in Ha.	Purpose	
1	Wai	Vele	262, 263, 264, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 307, 308, 308, 313, 314, 315, 320, 322, 321 323, 324, 325, 378, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 417, 418, 419, 420, 427, 428, 429, 431, 432	15.6080	Construction of new six Lane Tunnel with Approaches	
2	Khandala	Wanyachiwadi	415, 482, 483, 484, 486, 462, 465, 466, 467, 468, 469, 470, 487, 485, 488, 489, 490, 491, 493, 492, 494, 495, 496, 498, 499	12.3100		
3		Khandala	695, 716, 715, 714, 709, 708, 719, 720, 721, 722, 723, 780, 783, 785, 786, 789, 790, 791, 792, 793, 794, 795, 797, 798, 799, 800, 801, 810, 813, 814, 815, 817, 818, 819, 820, 821, 822, 823, 834, 835, 836, 837, 838, 842, 843, 844, 845, 848, 849, 850, 851, 852, 853,855, 856, 857, 858, 859, 860	18.1050	rippioaenes	
	Grand '	Total		023		

Date: Place: Pune



Suhas D Chitnis Project Director NHAI-PIU-Pune

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S.No.	Project Details	Description
	adjoining forest on a 1:50,000 scale map	
	(iii) Total Cost of the project	Rs.618 Crores
	(iv) Justification for locating the project in forest area.	The existing NH 4 from Pune Satara already widened to 6 lane Highway to meet traffic demand, except existing two lane tiunnel in Khambatki ghat. This exisitng two lane tunnel is going to become a bottleneck in in near future as the traffic on the Highway is about 46000 PCU. Widening of exsitng two lane tunnel is not feasible
		Further, the improvements proposed as part of six laning for the RHS carriageway is not completley eliminating all the geometric deficiencies in the alignment, as it is following the existign ghat road. Also, it is not possible to improve the right carriageway to desired geotric standards due to existing ghat.
		Considering these difficulties for improvement of exisitng alignment of Left and Right carraigway, NHAI desired to construct separate 6 lane tunnel with improved geometry on west side of the existing left carriageway alignment. The approaches of tunnel will smoothly merge with existing 6 lane on Satara side at Ex. Km 771.730 (design Km 771.730) and on Pune asde at Ex. Km 782.000 (design Km 778.190). As the forest area/Khambatki ghat spread across the existing alignment, it invitable to cross the forest area in this section.
	 (v) Cost-benefit analysis (to be enclosed). (vi) Employment likely to be generated. 	Enclosed 8000 for 3 years
3	 Details of displacement of people due to the project, if any: Number of families. Number of Scheduled Castes/Scheduled Tribe families Rehabilitation plan. (to be 	Nil Nil Not applicable

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S.No.	Project Details	Description
	enclosed)	
4	Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No).	No
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed).	Undertaking of the project authority was enclosed'
6	Details of Certificates/documents enclosed as required under the instructions.	Certificates / Documents attached



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Suhas D. Chitnis Project Director NHAI – PIU- Pune

Date:- 06-03-02017 Place:- Pune

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