



महाराष्ट्र शासन  
वन विभाग

## मुख्य वनसंरक्षक (प्रादेशिक), नागपूर वनवृत्त, नागपूर यांचे कार्यालय

(बि.एस.एन.एल. लक्ष्मी संचार इमारत, कस्तूरचंद पार्क समोर, नागपूर 440 001.)

(Land Line No - 0712-2564569, Email-id : ccfnagpur@mahaforest.gov.in)

क्र.कक्ष-10/जमीन/प्र.क्र.804/2022-23/ 318

दिनांक : 24 एप्रिल, 2023

प्रति,

अपर प्रधान मुख्य वनसंरक्षक (वन्यजीव), पुर्व,  
नागपूर.

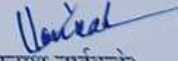
**विषय:-** Diversion of 19.532 ha. Zudpi Jungle and Reserved Forest Land in favour of National Highway Authority of India, PIU-Yavtmal for Rehabilitation and up-gradation of existing two lane to four lane configuration of Buttibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra.

- संदर्भ:-
- 1) या कार्यालयाचे पत्र क्र कक्ष-10/जमीन/प्र.क्र.804/2076, दिनांक 31/03/2023.
  - 2) आपले कडील कक्ष-1(ब)/सर्व्हे/22, दि.12/04/2023.
  - 3) या कार्यालयाचे पत्र क्र कक्ष-10/जमीन/प्र.क्र.804/131, दिनांक 12/04/2023.
  - 4) उपवनसंरक्षक नागपूर वनविभाग, नागपूर यांचे कार्यालयाचे पत्र क्र कक्ष-11/वनसंवर्धन/47, दि.18/04/2023.

विषयोक्त प्रकरणी या कार्यालयाचे संदर्भिय पत्र क्र 1 अन्वये अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, महाराष्ट्र राज्य, नागपूर यांनी सुचित केल्यानुसार केंद्र शासनाचे पत्रातील अट क्र XXIV ची पूर्तता करणेकरिता Conservation Plan तयार करून आपले कार्यालयास सादर करण्यात आला असता आपले कडील संदर्भिय पत्र क्र 2 अन्वये Conservation Plan चा रंगीत संच (Colour set) स्थायरल बॉर्डिंग करून तसेच केंद्र शासनाचे पत्र क्र एफसी-II/एमएच-73/2017-एनजीपी/10505, दिनांक 27/10/2022 ची प्रत संलग्न करून सादर करणेबाबत कळविलेले होते.

त्याअनुषंगाने या कार्यालयाचे संदर्भिय पत्र क्र 3 अन्वये Conservation Plan चा रंगीत संच (Colour set) स्थायरल बॉर्डिंग करून केंद्र शासनाचे पत्राची प्रत संलग्न करून सादर करणेबाबत कळविले. त्यानुसार उपवनसंरक्षक नागपूर वनविभाग, नागपूर यांनी संदर्भिय पत्र क्र 4 अन्वये Conservation Plan चा रंगीत संच (Colour set) स्थायरल बॉर्डिंग करून 4 प्रतित या कार्यालयास सादर केलेले असुन 3 प्रतित Conservation Plan चा रंगीत संच (Colour set) आपणाकडे सादर करण्यात येत आहे.

सहपत्र:- वरिलप्रमाणे

  
(रंगनाथ नाईकडे)  
मुख्य वनसंरक्षक (प्रा),  
नागपूर वनवृत्त, नागपूर

प्रतिलिपी:- उपवनसंरक्षक, नागपूर वनविभाग, नागपूर यांना माहितीस्तव.

प्रतिलिपी:- भारतीय राष्ट्रीय प्राधिकरण, प.का.ई.चंदन निवास, प्लॉट नं. 13, कोल्हे लेआऊट पार्ट-2, दारुवा रोड,  
यवतमाळ यांना माहिती व आवश्यक कार्यवाहीस अग्रेषित.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सडक परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highway Authority of India

(Ministry of Road Transport & Highways, Govt. of India)

प.का.ई. : चंदन निवास, प्लॉट नं. १३, कोल्हे ले-आऊट पार्ट-२, दारव्हा रोड, यवतमाळ, महाराष्ट्र ४४५००१

P.I.U. : Chandan Niwas, Plot No. 13, Kolhe Layout part-2, Darwaha Raod, Yavatmal, Maharashtra, 445001



दुरभाष फेक्स : ०७२३२-२४५३२३ | Tel/Fax : 07232-245323 | ई-मेल/E-Mail : yavatmal@nhai.org | nhaiyavatmal@gmail.com

No. NHAI/PIU/YTL/Forest/2023/606.

Date : 15.04.2023

To,

Deputy Chief Conservator of Forest,  
Nagpur.

Sub:-Diversion of 19.532 ha Zudpi Jungle and Reserved Forest Land in favor of National Highway Authority of India, PIU-Yavatmal for Rehabilitation and Upgradation of existing two lane to four lane configuration of Butibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra - Reg.

Ref:- APCCF (Wild Life) letter No. कक्ष -१ (ब) / सर्वे २२-२३/२२ dated 12.04.2023

Sir,

In reference to the subject matter, and APCCF (Wild life), Nagpur letter dated 12.04.2023 please find enclosed 'the wildlife conservation plan' duly prepared in consultation with the DCF, Wardha in compliance to condition no XXIV of in principal approval dated 06.11.2017 for subject proposal.

Encl: Five no of copies of Wildlife Conservation Plan in color copies as desired by APCCF (Wild life), Nagpur vide letter dated 12.04.2023.

(Harshit Pareek)

DGM (Tech) & Project Director  
NHAI-PIU-Yavatmal

Copy to :

1. The Nodal Officer & APCCF (FCA), Nagpur- For kind information please.
2. The APCCF (Wild Life), Nagpur : for kind information please.
3. The Regional Officer, NHAI, Nagpur- For kind information please.
4. The CCF, Nagpur: For information Please.
5. The DCF, Wardha : For information please.



# अपर प्रधान मुख्य वनसंरक्षक (वन्यजीव) पूर्व, नागपूर यांचे कार्यालय.

सह्यायिनीसंघार वि.एस.एन.एल. बिल्डींग ११८ बटालीपनध्या बाजुता कस्तुरचंद पार्क जवळ रेल्वे स्टेशन रोड, नागपूर  
फोन-०७९१२-२५६०१५३, फॅक्स २५५२५१६, ई मेल- apccfwinnagpur@mahaforest.gov.in

ISO CERTIFIED 9001 : 2015

क्रमांक :- कक्ष-१(ब)/सर्व्/२२-२३/२२

नागपूर -४४०००१, दिनांक-१२/८/२०२३.

प्रति,

मुख्य वनसंरक्षक, (प्रादेशिक)

नागपूर वनवृत्त, नागपूर

**विषय :- Diversion of 19.532 ha. Zudpi Jungle and Reserves Forest Land in favour of National Highway Authority of India, PIU-Yavatmal for Rehabilitation and up-gradation of existing two lane to four lane configuration of Buttibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra**

**संदर्भ :-** आपले पत्र क्र कक्ष-१०/जमीन/प्र.क्र ८०४/२०२२-२३/२०७६, दिनांक ३७/०३/२०२३.

विषयांकीत प्रकरणी संदर्भीय पत्रान्वये आपण अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म. रा. नागपूर यांनी सुचीत केल्यानुसार केंद्र शासनाचे पत्रातील अट क्रमांक XXIV ची पूर्तता करणेकरीता Conservation Plan तयार करून त्याची छायांकीत प्रत या कार्यालयास सादर करून मंजूरी प्रधान करणेबाबत विनंती केलेली आहे.

त्या अनुषंगाने आपणास सुचीत करण्यात येते की, आपण संदर्भीय पत्रान्वये या कार्यालयास सादर केलेल्या Conservation Plan चा रंगीत संच (Colour set) स्पायरल बॉर्डिंग करून तिन प्रतित व तसेच केंद्र शासनाचे पत्र क्रं. एफसी-II/एमएच-७३/२०१७--एनजीपी/१०५०५, दिनांक २७/१०/२०२२ ची प्रत संलग्न करून या कार्यालयास सादर करावा.

(वी.एस.हुडा)

अपर प्रधान मुख्य वनसंरक्षक  
(वन्यजीव) पूर्व, नागपूर.

का.प  
12/8/23

ch  
12/8/23

**प्रतिलिपी :-** उपवनसंरक्षक, नागपूर वनविभाग, नागपूर यांना माहिती व उचित कार्यवाहीस अग्रेषित.

**प्रतिलिपी :-** भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, प.का.ई. चंदन निवास, प्लॉट नं. १३, कोल्हे ले-आउट पार्ट-२, १२९१दारव्हा रोड, यवतमाळ-४४५००१ यांना माहिती व आवश्यक कार्यवाहीस अग्रेषित.



# अपर प्रधान मुख्य वनसंरक्षक (वन्यजीव) पूर्व, नागपूर यांचे कार्यालय.

सहस्रीसंधार वि.एस.एन.एन. विल्डींग ११८ बटालीयनच्या बाजूला कस्तूरचंद पार्क जवळ रेल्वे स्टेशन रोड, नागपूर  
फोन-०७१२-२५६०१५३, फॅक्स २५५२५१८, ई मेल- apccfw@nagpur@mahaforest.gov.in

ISO CERTIFIED 9001 : 2015

क्रमांक :- कक्ष-१(ब)/सर्व्हे/२२-२३/२२

नागपूर -४४०००१, दिनांक-१२/८/२०२३.

प्रति,

मुख्य वनसंरक्षक, (प्रादेशिक)

नागपूर वनवृत्त, नागपूर

**विषय :- Diversion of 19.532 ha. Zudpi Jungle and Reserves Forest Land in favour of National Highway Authority of India, PIU-Yavatmal for Rehabilitation and up-gradation of existing two lane to four lane configuration of Buttibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra**

**संदर्भ :-** आपले पत्र क्र कक्ष-१०/जमीन/प्र.क्र ८०४/२०२२-२३/२०७६, दिनांक ३७/०३/२०२३.

विषयांकीत प्रकरणी संदर्भीय पत्रान्वये आपण अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी, म. रा. नागपूर यांनी सुचीत केल्यानुसार केंद्र शासनाचे पत्रातील अट क्रमांक XXIV ची पूर्तता करणेकरीता Conservation Plan तयार करून त्याची छायांकीत प्रत या कार्यालयास सादर करून मंजूरी प्रधान करणेबाबत विनंती केलेली आहे.

त्या अनुषंगाने आपणास सुचीत करण्यात येते की, आपण संदर्भीय पत्रान्वये या कार्यालयास सादर केलेल्या Conservation Plan चा रंगीत संच (Colour set) स्पायरल बॉर्डिंग करून तिन प्रतित व तसेच केंद्र शासनाचे पत्र क्र. एफसी-II/एमएच-७३/२०१७--एनजीपी/१०५०५, दिनांक २७/१०/२०२२ ची प्रत संलग्न करून या कार्यालयास सादर करावा.

(वी.एस.हुडा)

अपर प्रधान मुख्य वनसंरक्षक

(वन्यजीव) पूर्व, नागपूर.

का. ५  
१२/३/२०२३

Ch  
१२/३/२३

प्रतिलिपी :- उपवनसंरक्षक, नागपूर वनविभाग, नागपूर यांना माहिती व उचित कार्यवाहीस अग्रेषित.

प्रतिलिपी :- भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, प.का.ई. चंदन निवास, प्लॉट नं. १३, कोल्हे ले-आउट पार्ट-२,

१२९१दारव्हा रोड, यवतमाळ-४४५००१ यांना माहिती व आवश्यक कार्यवाहीस अग्रेषित.



## Wildlife Conservation Plan

For “Diversion of 19.532 Ha of Zudpi Jungle and Reserved Forest Land for project in favor of National Highways Authority of India, PIU-Yavatmal for Rehabilitation and Upgradation of existing two lane to four-lane configurations of Butibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra”



## Index

<u>Sr. No</u>	<u>Content</u>	<u>Page No.</u>
<u>1</u>	<u>Introduction</u>	<b>3</b>
<u>2</u>	<u>Wildlife Mitigation Plan</u>	<b>4-6</b>
<u>3</u>	<u>Proposed Mitigation &amp; Conservation Plan</u>	<b>7-12</b>
<u>4</u>	<u>Details of Proposed Mitigation Measures</u>	<b>12-13</b>
<u>5</u>	<u>Financial Implication Involve in Mitigation</u>	<b>14</b>
<u>6</u>	<u>Annexure-1</u> (Google image of Forest area in the vicinity of NH 361 showing buffer and core area)	<b>16</b>
<u>7</u>	<u>Annexure-2</u> (Map showing boundary of buffer, compartment boundary of PF and RF and Zudpi Jungle adjoining to NH-361.)	<b>17</b>
<u>8</u>	<u>Annexure-3</u> (Map Showing the Wildlife Movement)	<b>18</b>

# **Wildlife Protection Plan for “Diversion of 19.532 Ha of Zudpi Jungle and Reserved Forest Land for project in favor of National Highways Authority of India, PIU-Yavatmal for Rehabilitation and Upgradation of existing two lane to four-lane configurations of Butibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra”.**

## **Introduction**

The National Highways Authority of India (NHAI) has proposed the up-gradation (to 4- lane) of NH 361 from km 465.500 to km 524.690, spanning 59.19 km in the state of Maharashtra.

The Project named “Four Laning of Wardha to Butibori Section of NH 361 from Km 465.500 to Km 524.69 under NH (O) on Hybrid Annuity Mode” is passing 9 Km away from boundary of Bor Wildlife Sanctuary and 150 mtr away from buffer area of Bor Tiger Reserve.

Stage-I approval for the “Diversion of 19.532 Ha of Zudpi Jungle and Reserved Forest Land for project in favor of National Highways Authority of India, PIU-Yavatmal for Rehabilitation and Upgradation of existing two lane to four-lane configurations of Butibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra” was granted on 06.11.2017 & working permission were granted on 15.11.2017.

During the Stage-II submission following queries were raised by IRO, Nagpur vide letter No FC-II/MH-73/2017-NGP/10505 dated 27.10.2022 as below:

“A copy of Conservation plan approved by Principal Chief Conservator of Forests (Wildlife)& CWLW in compliance to condition no. xxiv of Stage- I approval is not submitted along with compliance report. The same needs to be submitted.”

Accordingly, wildlife conservation plan, for the affected area has been prepared as below.

## Wildlife Mitigation Plan

### Projected Impact of Highway Upgradation

A small stretch of NH 361 presently passes about 9 Km from core boundary of Bor tiger reserve and 150 mtr away from boundary of notified buffer area of Bor Tiger Reserve. As the road may affect the migration of wild animal to some extent proper mitigation measures need to be taken to avoid possible accidents and mortality. Hence, two types of measures are proposed. One is for making suitable animal under passes on the highway for facilitating the movement of wild animals while crossing the road. Second category is different mitigation measures in the adjoining forest area to restrict the movement of wild animals towards national highway.

**Table 1: Details of Area of NH 361 passing nearby the Bor Tiger Reserve are as under:**

Sr.No	Round	Beat	Survey No.
1	Seloo	Kelzar	554
2			573
3			574
4			565

### Details of Forest Area, a Type of wildlife, in Bor Tiger reserve.

Bor Tiger Reserve was declared as a Tiger Reserve in July 2014. It is located near Village Hingani in Wardha District in the state of Maharashtra. It is a home to a variety of wild animals. The reserve covers an area of 138.12 km<sup>2</sup> (53.33 sq mi) which includes the drainage basin of the Bor Dam. Buffer area of Wardha 45199.38 Ha.

The forest in the tiger reserve belong to South Deccan Plateau Dry Deciduous Forests Eco region, with the main species being Teak, Ain, Tendu and Bamboo. There are many natural grasslands and small perennial streams which harbors many small mammals, birds and reptiles.

Wildlife commonly found in the Bor Buffer area has below:-

**A. Carnivores:** (i) Tiger (*Panthera tigris*) (ii) Panther (*Panthera pardus*) (iii) Striped Hyena (*Hyaena hyaena*) (iv) Wild dog (*Cuonalpinus*) (v) Jackal (*Canis aureus*) (vi) Indian Fox (*Vulpes bengalensis*) (viii) Leopard Cat (*Felis bengalensis*) (ix) Jungle Cat (*Felis chaus*) (x) Common Mongoose (*Herpestes edwardsi*).

**B. Herbivores** (i) Bison (*Bos gaurus*) (ii) Nilgai (*Boselaphus tragocamelus*) (iii) Sambhar (*Cervus unicolor*) (iv) Cheetal (*Axis axis*) (v) Barking Deer (*Muntiacus muntjak*) (vi) Wild boar (*Sus scrofa*) (vii) Sloth bear (*Melursus ursinus*) (viii) Four horned antelope (*Tetracerus quadricornis*) (ix) Common Langurs (*Presbytis entellus*), (x) Rhesus Macaque (*Macaca mulatta*), (xi) Bonnet Macaque (*Macaca radiata*).

**C. Rodents:** (i) Three striped palm squirrel (*Funambulus palmarum*) (ii) Jungle striped squirrel (*Funambulus sublineatus*) (iii) Porcupine (*Hystrix indica*) (iv) Hare (*Lepus ruficaudatus*) and (v) Jungle Rats and Moles.

**D. Snakes:** Kadu (*Typhlops braminus*), Kawda (*Lycodon aulicus*), Gavtya snake (*Macropisthodnplumbicolor*), Dhondya (*Natrix piscator*), Dhaman or Common Rat-snake (*Ptyas mucosus*), Indian Rock Python-Ajgar (*Python molurus.*), India Cobra or Nag (*Naja naja*), Dandekas (*Bugarus caeruleus*), Russel's Viper or Ghunus (*Vipera russelli*). Checkered keel back (*Xenochrophis piscator*)

**E. Birds:** (i) Painted sand grouse (*Pterocles indicus*) (ii) Common sand grouse (*Pterocles exustus*) (iii) Pea fowl (*Pavo cristatus*) (iv) Grey jungle fowl (*Gallus sonnerati*) (v) Red junglefowl (*Gallus gallus*) (vi) Red spur fowl (*Gallus spadicea*) (vii) Painted partridges (*Francolinus pictus*) (viii) Grey partridges (*Francolinus pondicerianus*) (ix) Jungle bush quail (*Perdica asiatica*) (x) Black breasted quail (*Coturnix coronandelicus*) (xi) Indian Bustard quill (*Turnix suscitator*) (xii) Common or grey quail (*Coturnix spp*), (xiii) Pigeon (*Treron phoenicoptera*) (xiv) Crane (*Grus antigone*) (xv) Dove (*Streptopelia spp*) (xvi) Cotton teal (*Nettapus coromandelianus*) (xvii) Whistling teal (*Dendrocygna javanica*) (xviii) Comb duck (*Sarkidiornis melanotus*). (xxix) Little Grebe (*Podiceps ruficollis*) (xxx) Cormorant (*Phalacrocorax carbo*) (xxxii) Grey Heron (*Ardea cinerea*) (xxxiii) Large Egret (*Ardea alba*) (xxxiv) Black ibis (*Pseudibis papillos*) (xxxv) Pariah Kite (*Milvus migrans govinda*) (xxxvi) Shikra (*Accipiter badius*) (xxxvii) India Whitebacked Vulture (*Typs bengalensis*).



## Proposed Mitigation & Conservation Plan

### Details of Proposed Mitigation Measures

Traditionally, highway impacts on wildlife have been viewed in terms of road mortality and threats to selected populations of animals. In view of this, it is clear that highways may have the potential to undermine ecological processes at a landscape level due to fragmentation of wildlife populations, restriction of wildlife movements.

- i. **Measures undertaken by NHAI in construction:-** Hence structural measures like construction of strategically located Animal underpasses in the form of minor bridges of proper dimension have been undertaken by project authorities as enumerated above.

### Structures proposed on National Highway-361

Following wildlife mitigation measures has been taken up to facilitate wildlife movement.

- i) Bridge not less than 3 Mtr Height should be constructed on all nallah between villages from sawangi to kelzar. A span of 5 Mtr from the Both Side should be Kept Clear.
- ii) The nallah with 10 mtr clear span boundary must be kept covered with chain link fencing on the both side of bridge so that passers-by on the bridge do not disturb wildlife.

The construction of the 4-Lane project of Wardha-Butibori which was completed in 20.11.2019, and the user agency National Highways Authority of India has provided following in compliance of the aforesaid suggestions:-

### National highways Authority of India has Constructed the Minor Bridge (MNBs)

Sr. No	Chainage (Km)	Span ( Mtr)	Clearance ( Mtr)	Remark
1	Km 501.114	7	3	
2	Km 503.867	9 (2*4.5)	4.138	
3	Km 506.316	21.05(2*7.775+5.50)	7.23	
4	Km 508.583	12 (2* 6 )	4.407	
5	Km 509.462	6	3	
6	Km 509.760	10.75 (5.375*2)	4.557	
7	Km 513.566	24 (6*4)	5.306	
8	Km 514.515	8	5.643	



**MNB at km 514.515**



**MNB at km 513.566**



**MNB at Km 509.760**



**MNB at km 509.460**



**MNB at Km 508.583**



**MNB at Km 506.316**



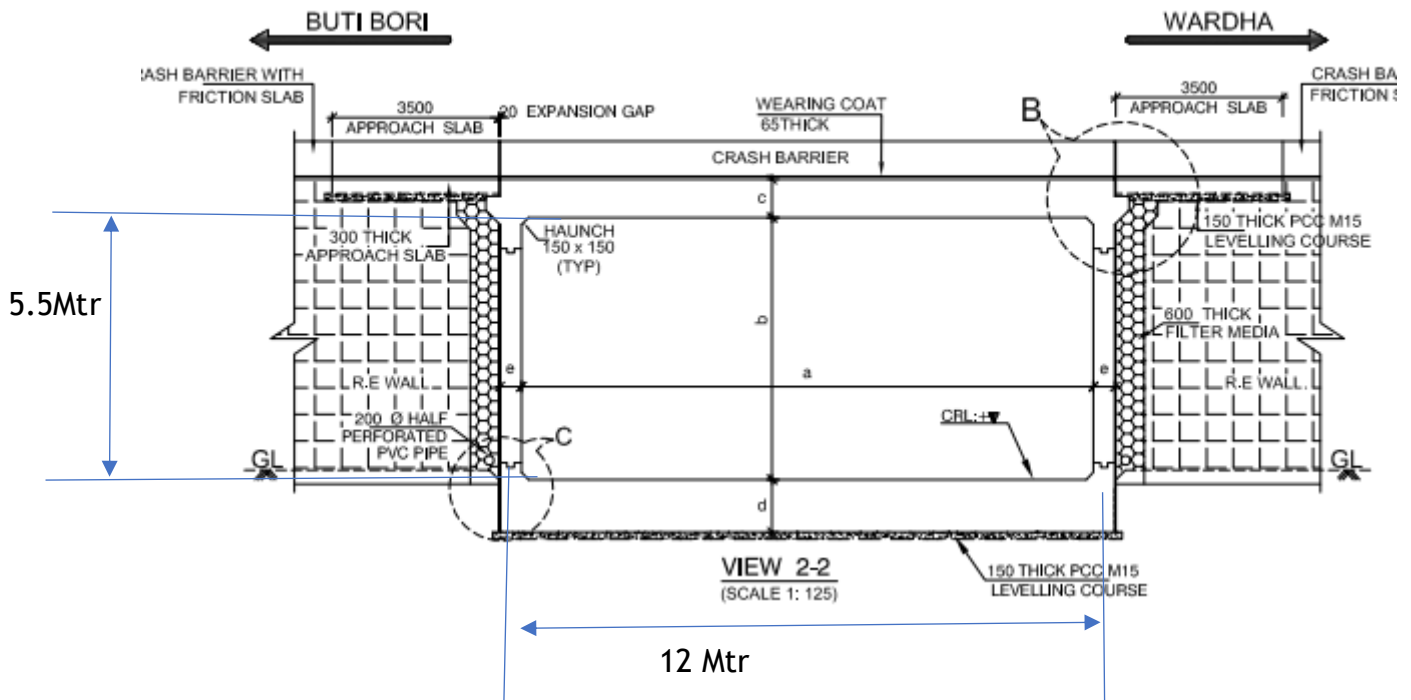
**MNB at Km 501.103**



**MNB at Km 503.867**

Apart from this, following underpasses has been provided at Location at Km 501.918 & Km 507.653 of NH 361. The details of same are presented hereunder:

Sr. No	Chainage (km)	Clearance (Mtr)	Width (Mtr)
1	501.918	5.5	12.00
2	507.653	5.5	12.00



Also, barricades of cement crash barrier, parapet walls and Metal Beam Crash Barrier, have been provided along with Bridges and Under Passes.

ii. Wildlife Mitigation Measures suggested for areas adjoining the tiger corridor

**Measures proposed by Forest department in the adjoining Buffer Area of Bor Tiger Reserve:-**

The Buffer of Bor Tiger Reserve adjacent to Wardha Butibori section of NH 361 is managed by Wardha Territorial Forest Division Where following works are proposed by wardha Forest Dept. in consultation with NHA. These works will provide water conservation works like deepening of perennial stream, construction of gabian check dams, waterholes and meadow development work etc. These works have been proposed in the buffer area and vicinity of migratory path (Corridor) of wild animals to prevent straying of wild animal outside the buffer areas. It will help in restricting them from crossing the highway and prevent the possibility of accident.

**Habitat Development Works:** Due to continuous biotic pressure, the wild life habitat has also deteriorated. The most important factors in the habitat are water, food, safe places for resting, breeding, and nesting. To meet the minimum requirement of the wild animals the following activities are recommended:

**Water Hole Development:** Water availability, or the scarcity of it, is one of the major factors that decide the health of the habitat. Its non-availability at sufficient places in the forests also increases probability of animals being found on the limited water holes or near villages and thereby increases their susceptibility to poaching. Water is a major limiting factor during the summers in Buffer area in Bor Tiger Reserve. To meet the requirement the following steps are recommended.

- 1) Two water hole will be created in Survey No. 574 with provision of Borewell and Solar Pump.
- 2) Small water harvesting structure (i.e. gabian 10 Mtr wide 15 no) in Survey No. 554, 573, 574
3. Deepening of Nalah will be done (400 Rmt, 550 Rmt) in Survey No. 554, 573, 574

**B. Meadow Development :** To improve the prey base, care of herbivores should be taken by improving the assured fodder availability in the Buffer area of Bor Tiger Reserve for this irradiation of invasive species i.e. lantana & rantulas and plantation of palatable fodder species are suggested in 4 sites @ 0.5 ha Survey no. 554, 573,574

**C. Protection Measures:** To avoid the man, animal conflict and for strengthening the protection measures following steps and recommended.

- 1) Protection Hut No - 1 Survey No.: -573
- 2) Watch Tower No - 2 Survey No.: -554, 573
- 3) Warning posters on Roadsides - 8
- 4) Chain link Fencing - 480 Mtr
- 5) Patrolling Vehicle - One

Total Works amounting to Rs. **1,19,59,500/-** in the Compartment No 554, 573, 574, and 565 in buffer area are proposed. The abstract of various works is shown in the table.

**Financial Implication Involve in Mitigation**

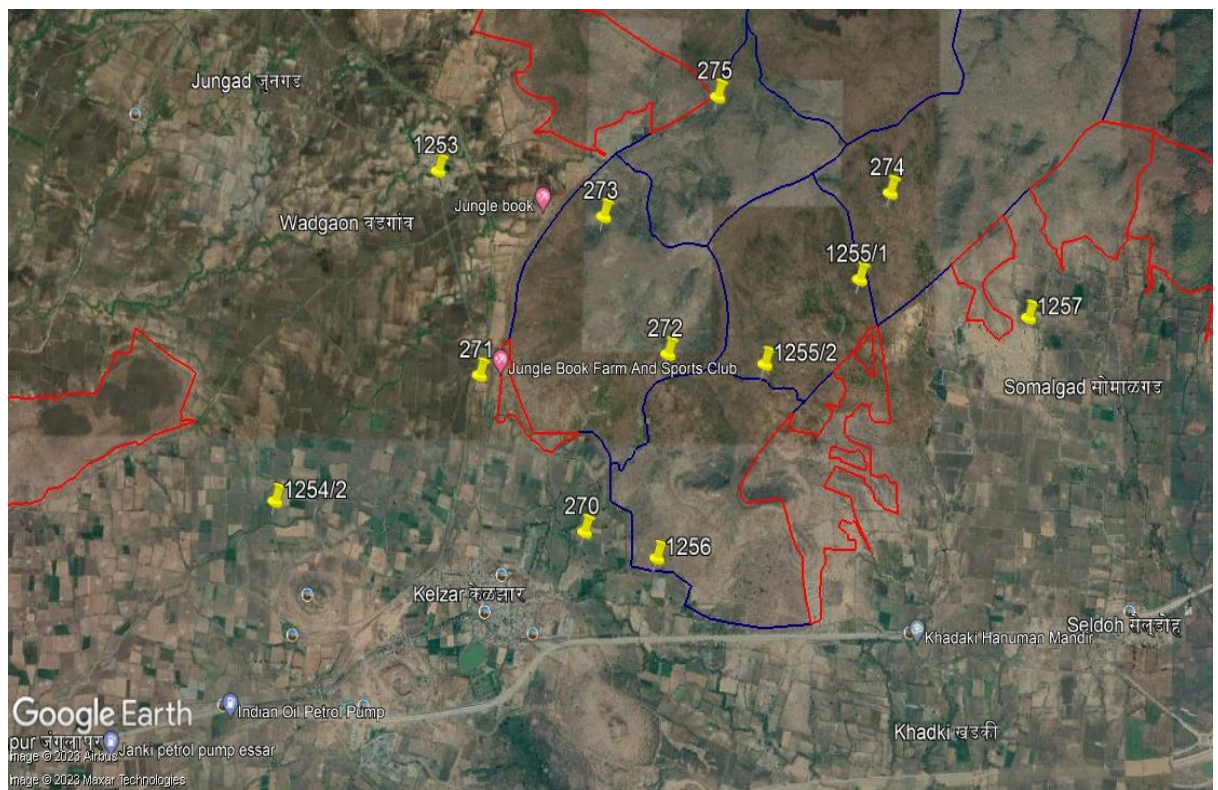
Sr. No	Details of Work	Amount (Rs)	Particulars
1	Clearing of shrubs in Wildlife Path	68,500	2ha, 2.5ha, 4 ha Survey No.:- 554, 573, 574
2	Waterhole	3,50,000	One no Survey No.:-574
3	Borewell , Solar Pump	4,50,000	Survey No:-574
4	Gabian Dams	16,75,000	10 mt wide 15 no Survey No.:- 554, 573, 574
5	Deepening of Nalah	21,00,000	400 rmt , 550 rmt Survey No.:- 554, 573, 574
6	Meadow development	11,16,000	4 sites @ 0.5 ha Survey No.:-554, 573,574
7	Protection Hut	20,00,000	1 Survey No.:-573
8	Watch Tower	19,00,000	2 Survey No.:-554, 573
9	Warning posters on Roadside	4,00,000	8
10	Chain link Fencing	4,00,000	
11	Patrolling Vehicle	15,00,000	
<b>Total</b>		<b>1,19,59,500</b>	

Photographs Showing the proposed Survey Number 554



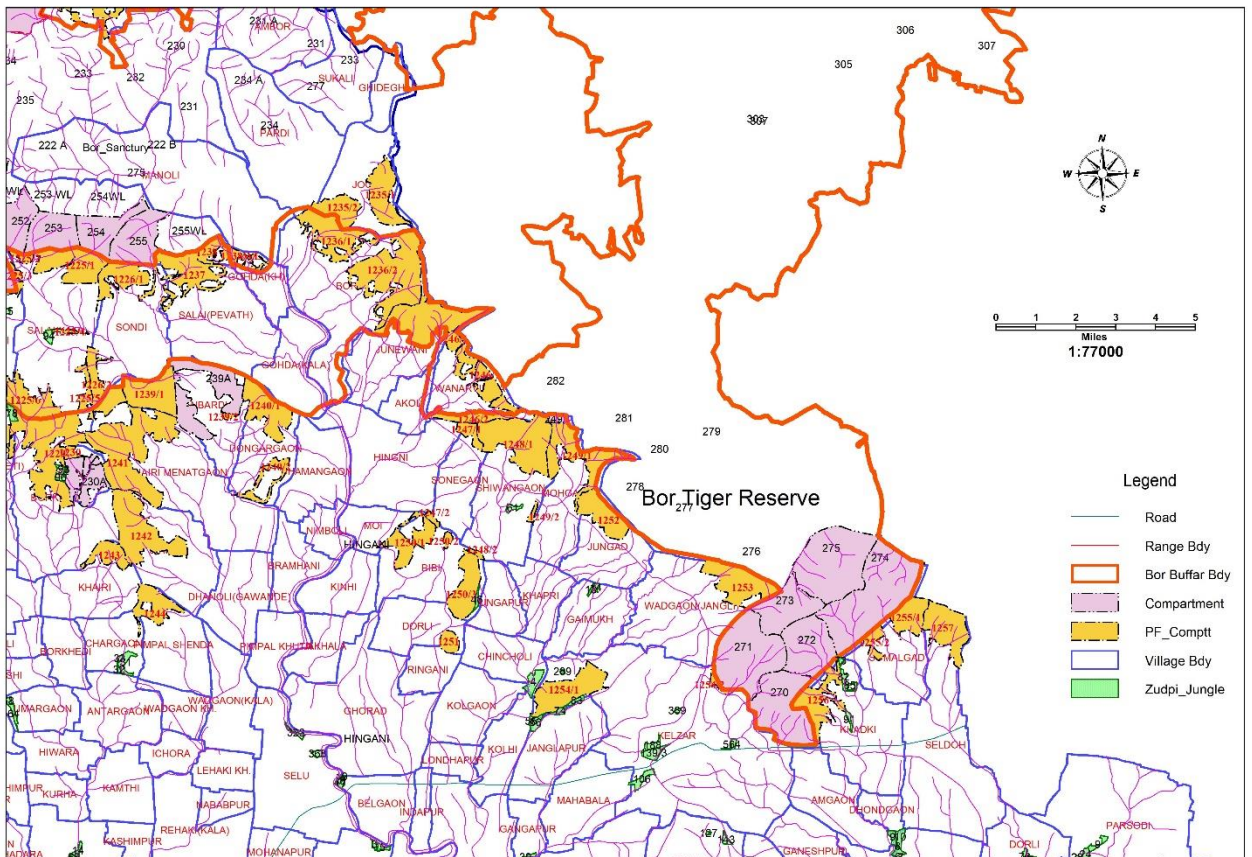
Photographs showing the proposed Survey Number 554

## Annex. 1



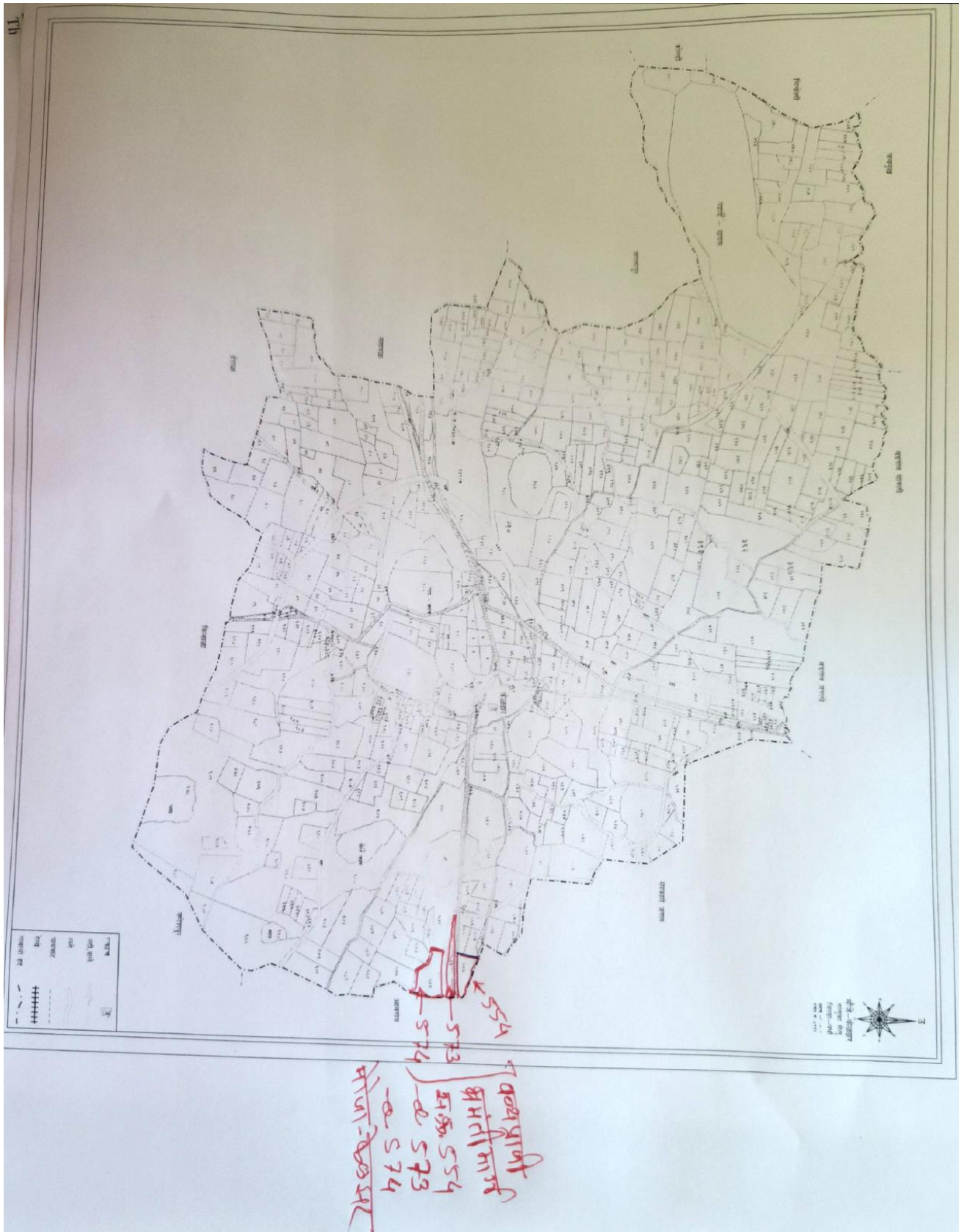
(Google image of Forest area in the vicinity of NH 361 showing buffer and core area)

## Annex. 2



Map showing boundary of buffer, compartment boundary of PF and RF and Zudpi Jungle adjoining to NH-361.

Annex- 3





महाराष्ट्र शासन  
वन विभाग

मुख्य वनसंरक्षक (प्रादेशिक), नागपूर वनवृत्त, नागपूर यांचे कार्यालय

(बि एन एन एन, लक्ष्मी नंवार इमारत, कस्तूरचंद पार्क समोर, नागपूर 440 001.)

(Land Line No - 0712-2564569, Email id - ccfnagpur@mahaforest.gov.in)

क्र.कक्ष-10/जमीन/प्र.क्र.804/2022-23/2015

दिनांक: 23 मार्च 2023

प्रति,

अपर प्रधान मुख्य वनसंरक्षक व केंद्रस्थ अधिकारी,  
महाराष्ट्र राज्य, नागपूर.

**विषय:-** Diversion of 19.532 ha. Zudpi Jungle and Reserved Forest Land in favour of National Highway Authority of India, PIU-Yavtmal for Rehabilitation and up-gradation of existing two lane to four lane configuration of Buttibori to Wardha Section of NH-361 in Wardha and Nagpur Districts in the State of Maharashtra.

- संदर्भ:-**
- 1) केंद्र शासन पत्र क्रमांक एफसी-11/एमएच- 73/2017-एनजीपी/10505, दिनांक 27/10/2022.
  - 2) आपले कडील पत्र क्र.कक्ष-17/नोडल/आयडी 12531 /1903, दिनांक 31/10/2022.
  - 3) या कार्यालयाचे पत्र क्र.कक्ष-10/जमीन/प्र.क्र.804/3641, दिनांक 02/11/2022.
  - 4) उपवनसंरक्षक नागपूर वनविभाग, नागपूर यांचे कार्यालयाचे पत्र क्र.कक्ष-11/वनसंवर्धन/प्र.क्र.514/1611, दिनांक 21/03/2023.

विषयवर्तित प्रकरणी संदर्भिय पत्र क्र 1 अन्वये केंद्र शासनाने 1 ते 6 मुद्यांची त्रुटी उर्पस्थित केलेली असुन आपलेकडील संदर्भिय पत्र क्र 2 अन्वये 1 ते 6 मुद्यांची पुर्तता करणेबाबत कळविलेले होते.

त्याअनुषंगाने या कार्यालयाचे संदर्भिय पत्र क्र 3 अन्वये केंद्र शासन पत्रात नमुद 1 ते 6 मुद्यांची त्रुटी पुर्तता करून अहवाल सादर करणेकामी उपवनसंरक्षक नागपूर वनविभाग, नागपूर यांना कळविण्यात आले.

उपवनसंरक्षक नागपूर वनविभाग, नागपूर यांनी संदर्भिय पत्र क्र 4 अन्वये केंद्र शासन पत्रात नमुद 1 ते 6 मुद्यांची त्रुटी पुर्तता करून 4 प्रतित अहवाल या कार्यालयास सादर केलेला असुन सदर अहवालाचे संस्करण करून 3 प्रतित अहवाल आपणाकडे पुढील आवश्यक कार्यवाहीस सादर करण्यात येत आहे.

सहपत्र:- वरिलप्रमाणे

(एस. रमेशकुमार)  
मुख्य वनसंरक्षक (प्रा),  
नागपूर वनवृत्त, नागपूर  
AC File

प्रतिलिपी:- उपवनसंरक्षक, नागपूर वनविभाग, नागपूर यांना माहितीस्तव.

प्रतिलिपी:- प्रकल्प संचालक, भारतीय राष्ट्रीय महामार्ग प्राधिकरण, बंगला क्र. 28, दत्ताणी डेव्हलपर्स, एफसीआय गोदामाचे मागे, धामनगाव रोड, यवतमाळ यांना माहितीस अग्रोषित.



सत्यमेव जयते  
महाराष्ट्र शासन

**Office of The Principal Chief Conservator of Forest, (HoFF) Maharashtra State,  
Ramgiri Road, Civil Lines, Nagpur 440 001.**

**The Additional Principal Chief Conservator of Forests And Nodal Officer, Maharashtra State,  
Ramgiri Road, Civil Lines, Nagpur 440 001.**

0712-2556916

Email: apccfnodal@mahaforest@gov.in

Speed Post/Email

No. Desk-17/Nodal/Nagpur/I.D.12531/3539 /22-23  
Nagpur – 440 001 Dated 28 / 03/2023.

To,

The Chief Conservator of Forests (T) Nagpur

**Sub:** Diversion of 19.532 ha. of Zudpi Jungle and Reserve Forest land in favour of National Highway Authority of India, PIU Yavatmal for Rehabilitation and Up-gradation of existing two lane to four lane configuration of Butibori to Wardha Section of NH-361 in Wardha and Nagpur Districts of State of Maharashtra- regarding.

Ref: 1. Govt. of India letter no. FC-II/MH-73/2017-NGP/10505, dtd.27.10.2022.  
2. Your office letter no.Desk-10/Land/C.R.804/2022-23/2015, dtd.23.03.2023.

The Govt. of India vide letter under reference 1 has raised 6 queries on Stage-1 compliance submitted to Govt. of India vide this office letter dtd.24.08.2022.

Accordingly your office has submitted the compliance report vide letter under reference 2 to this office. After going through the compliance following discrepancies are observed;

**1. Govt. of India has sought Conservation Plan approved by Principal Chief Conservator of Forests (Wildlife) & CWLW in compliance to condition no.xxiv of Stage-1 approval.**

The same has not been submitted along with the compliance report. It is mandatory for the User Agency to follow the instructions of Govt. of India and accordingly should submit correct compliance of conditions. It is requested to obtain proper compliance from the User Agency, so that proper compliance can be submitted to Govt. of India.

**(Dr. Kumaraswami S.R.)**  
Deputy Conservator of Forests (FCA)

Copy to Deputy Conservator of Forests (T) Nagpur it is informed that an improper Undertakings or Certificates will not be accepted by this office. Hence, proper compliance must be submitted to Chief Conservator of Forests (T) Nagpur through your office.

Copy forwarded to National Highway Authority of India, PIU-Yavatmal, Chandan Niwas, Plot no.13 Kolhe Layout Part-2, Darwha Road, Yavatmal 445 001 for information. It is informed that to read stipulated conditions properly and accordingly an Undertaking or certificate may please be submitted to concerned Deputy Conservator of Forests (T) office. Henceforth an improper Undertakings / Certificates or information related to proposal will not be accepted by this office.