

Diversion of 4.0977 Ha of forest land in Chennur Division in favour of DPRE – PIU Mancherial for improvement of road from Laximpur to Baddampally of Vemanpally Mandal in Neelwai Range.

I along with the Forest Range Officer, Neelwai and concerned Range staff of Neelwai Range inspected the proposed area for diversion of **4.0977 Ha of forest land in Chennur Division in favour of DPRE – PIU Mancherial for improvement of road from Laximpur to Baddampally of Vemanpally Mandal in Neelwai Range.** The proposed area is falling in Compt. No. 130, 141, 142, 143, 167, 166 & 165 of the Chennur Reserve Forest Block, Bommena, Baddampally and Karji Beats of Baddampally Section of Chennur Division which is notified vide u/s 19 of Hyderabad Forest Act vide GOMs No.10 Dt:28.02.1356F vide Gazette Notification No.16 Dt.03rd February 1349F of Chennur Forest Block along the existing Road. The proposed forest area for diversion is along the existing cart track passing through Compt. No. 130, 141, 142, 143, 167, 166 & 165 of the Chennur Reserve Forest Block. The length of the proposed road passing in forest area are as follows.

S.No.	Range	RF	Compt. No	Beat	Length in Mtr	Width in Mtr	Compt. Wise area	Area in Ha	Entry point Latitude & Longitude	Exit point Latitude & Longitude	Remarks
	2	3	4	5	6'	7'	8'	9'	10	11	12
1.	Neelwai	Chennur	130	Bommena	1180.42	6	0.70825	0.70825	19.10875420 & 79.75280361	19.09898480 & 79.75121606	Village Connection from Laximpur to Bommena
2.	Neelwai	Chennur	141, 142 & 143	Bommena	2440	6	1.4650	1.4650	19.08820909 & 79.75012513	19.07403171 & 79.73553003	Village Connection from Bommena to Chamanpally
3.	Neelwai	Chennur	167, 166 & 165	Baddampally & Karji	3209.06	6	1.9254	1.9254	19.07393904 & 79.73554746	19.04895171 & 79.73490112	Village Connection from Chamanpally to Baddampally
				Grand-Total	6829.48		4.0977	4.0977			

S.No	Name of the Beat	Compt.No	Length (m)	Width (m) recommended*	Area in ha
1	Bommena	130	1180.42	6	0.70825
2	Bommena	141, 142 & 143	2440	6	1.4650
3	Baddampally & Karji	167, 166 & 165	3209.06	6	1.9254
	Total		6829.48		4.0977

The area proposed for diversion doesn't form part of National Park, Wildlife Sanctuary, Biosphere reserve, Tiger reserve, Elephant Corridor etc., But there is **movement of tiger** and other wildlife in the area. It is a **corridor for tiger (Panthera tigris)** wherein tiger passes through this area from Kagaznagar division of Asifabad District to Chennur division of Mancherial District. The major fauna in the said area are *Panthera tigris* (Tiger), *Canis lupus* (Wild Dog), Spotted deer (*Axis Axis*), Jackal (*Canis aureus*),

Sloth bear (*Melursus ursinus*), Neelagai (*Boselaphus tragocamelus*), Porcupine (*Hystrix indica*), Python (*Pythonidae*), Wild Boar (*Sus scrofa*), *Melursus ursinus* (Sloth Bear), *Lepus nigricollis* (Hare), *Boselaphus tragocamelus* (Nilgai), *Tetracerus quadricornis* (Fourhorned Antelope), *Gazelle gazelle* (Chinkara), *Pavocristatus* (Indian Peafowl), *Glaucidium radiatum* (Jungle Owlet), etc.

There are no protected Archaeological/ Heritage site/Defence establishment or any other important monument located in the forest area. No work in violation is carried out by the user agency. The proposed area for diversion is not vulnerable to soil erosion due to the project. No violation of the FCA Act, 1980 is committed by the user agency.

The canopy density of the vegetation is 0.2. The major flora existing are *Holoptelaintergifolia*, *Chloroxylon swietenia*, *Cleistanthus collinus*, *Dalbergia paniculata*, *Terminalia bellerica*, *Terminalia tomentosa*, *Terminalia Catappa*, *Syzygium cumini*, etc.

During the field inspection, it is noticed that, the alignment of road proposed for diversion is passing along the existing gravel path/ existing cart track with 3 m width passing through the Compt. No. 130, 141, 142, 143, 167, 166 & 165 of Chennur Reserve Forest Block.



Since after formation of the road, there will be increase in speed of vehicles and also traffic and hence there is need for (10) No's of Animal passages of width minimum of 30.00 m length and 2.75 m height as per the specific guidelines, designs and norms for construction of under passage as specified by the MoEF&CC shall be formed by the UA at Comp.no. 166- (2) Animal passages (culverts) i.e., Latitude 19.05982° N Longitude -79.73470° E, Latitude 19.05918° N Longitude 79.73451° E, Comp.no. 165- (2) Animal passages (culverts) i.e., Latitude 19.05028° N Longitude -79.73310° E, Latitude 19.04985° N Longitude 79.73370, Comp.no. 143- (2) Animal passages (culverts) i.e., Latitude 19.07424° N Longitude - 79.73412° E, Latitude 19.07595° N Longitude 79.72632° E, Comp.no. 142- (2) Animal passages (culverts) i.e., Latitude 19.07683° N Longitude - 79.74201° E, Latitude 19.08424° N Longitude 79.74698, Comp.no. 130- (2) Animal passages (culverts) i.e., Latitude 19.10245° N Longitude - 79.75096° E, Latitude 19.10864° N Longitude 79.75228° E.

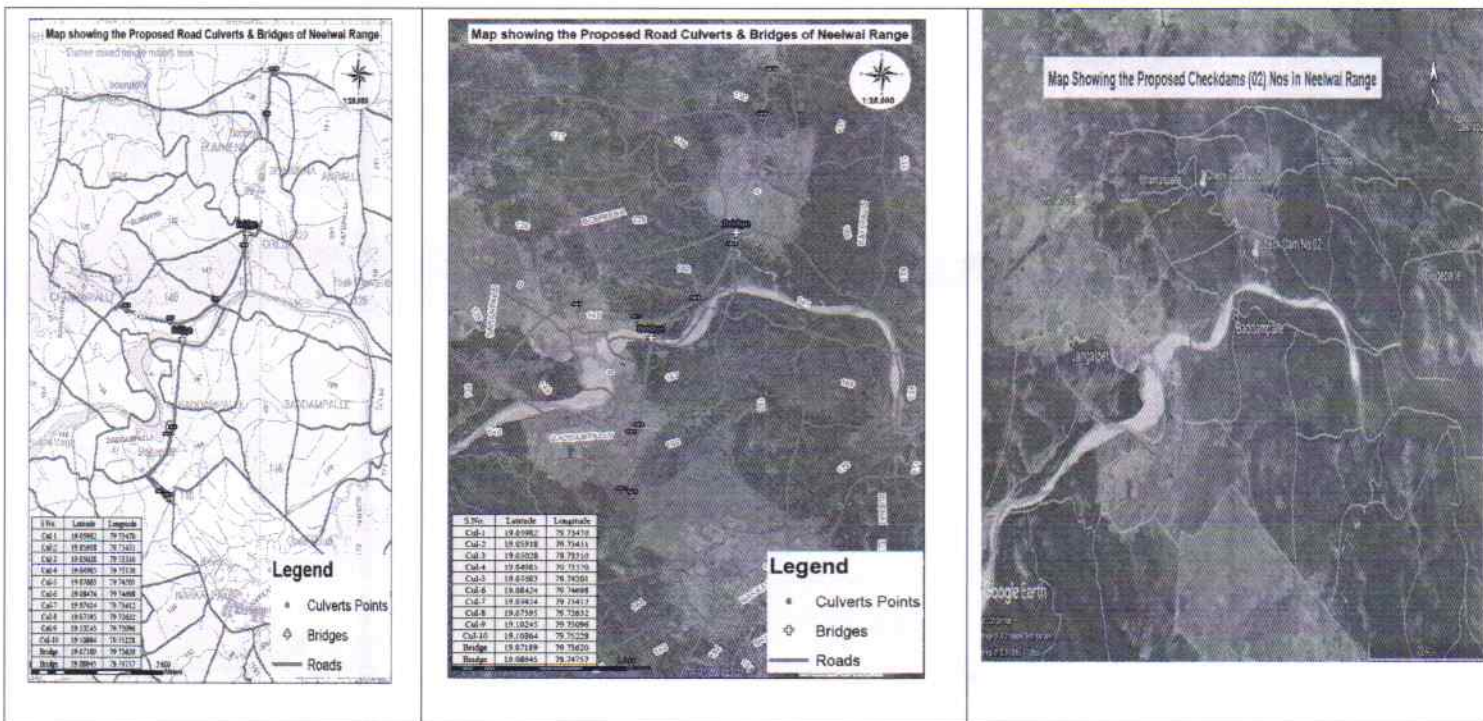
There are (2) big nallas crossing the proposed road at Peddavagu area of Comp.no. 143 i.e., Latitude 19.07189° N Longitude -79.73620° E and at Chinnavagu Latitude 19.08645° N Longitude - 79.74757° E where the UA proposed for construction of 2 Nos bridges 1 at peddavagu with 190m Length, 6 m height and another 1 at Chinnavagu with 30Mtrs length and 3 m height for easy crossing of animals preventing disturbance and road kills. The chain link fencing shall be placed on either side of the passages on both sides of road to a length of 100mts in a funnel model for diverting the wildlife towards animal passages. These (10) Animal passages and (2) bridges for crossing of wildlife safely should be done by the user agency.

Further, (2) locations have been identified for construction of the RCC Check dams on either side of the animal passage. The locations are surrounded by 360 degrees forest cover with wildlife movement. The locations are free from encroachment and away from cultivation lands. The locations of the proposed RCC Check dams are as follows.

1. (1) Nos Check dam is proposed for 30 meters at Lat-Long 19.093410, 79.738331 in Compt.No.129 of Bommena Beat of Sawanpally Section of Neelwai Range about 1.4 Kms to the left side of the proposed animal passage near Chinnavagu.
2. (1) Nos Check dam is proposed for 40 meters at Lat-Long 19.08185, 79.749954 in Compt.No.141 of Katepally Beat of Sawanpally Section of Neelwai Range about 0.4 Kms to the right side of the proposed animal passage near Chinnavagu.

As a part of improvement of wildlife habitation, these check dams are essential to meet the water requirement for wildlife during summer season in addition to the SMC conservation.

The locations of Animal passages and check dams for wildlife movement are showing in the following Maps:



Latitude 19.08424⁰ N Longitude 79.74698⁰ E, Comp.no. 130- (2) Animal passages (culverts) i.e., Latitude 19.10245⁰ N Longitude - 79.75096⁰ E, Latitude 19.10864⁰ N Longitude 79.75228⁰ E. There are (2) big nalas crossing the proposed road at Peddavagu area of Comp.no. 143 i.e., Latitude 19.07189⁰ N Longitude -79.73620⁰ E and at Chinnavagu Latitude 19.08645⁰ N Longitude -79.74757⁰ E where the UA proposed for construction of **2 Nos bridges** 1 at peddavagu with 190mLength, 6 mheight and another 1 at Chinnavagu with 30mlength and 3mheight for easy crossing of animals preventing disturbance and road kills. The chain link fencing shall be placed on either side of the passages on both sides of road to a length of 100mts in a funnel model for diverting the wildlife towards animal passages for easy crossing of animals preventing disturbance and road kills.

- B) (2) Locations have been identified for construction of the RCC Check dams across the streams on either side of the animal passage. These (2) Nos Check Dams shall be constructed by the User Agency inside the RF. The locations are surrounded by 360 degrees forest cover with wildlife movement. The locations are free from encroachment and away from cultivation lands. The locations of the proposed RCC Check dams are (1) Nos Check dam is proposed for 30 meters at Lat-Long 19.093410, 79.738331 in Compt.No.129 of Bommena Beat of Sawanpally Section of Neelwai Range about 1.4 Kms to the left side of the proposed animal passage near Chinnavagu. (1) Nos Check dam is proposed for 40 meters at Lat-Long 19.08185, 79.749954 in Compt.No.141 of Katepally Beat of Sawanpally Section of Neelwai Range about 0.4 Kms to the right side of the proposed animal passage near Chinnavagu.

As a part of improvement of wildlife habitation, these check dams are essential to meet the water requirement for wildlife during summer season in addition to the SMC conservation.

Hence these (2) Nos Check dams shall be constructed by User agency inside the RF.

- C) Speed Breakers should be provided for every 100 mto limit the speed of vehicles below 30 Kmph.
D) Caution signages should be provided.
E) Since there is movement of Tiger and other wildlife, the wildlife mitigation measures are proposed.

Forest Divisional Officer,
Chennur