

GOVERNMENT OF TELANGANA  
FOREST DEPARTMENT

From  
S. Shantharam, I.F.S.,  
District Forest Officer,  
Kumram Bheem-Asifabad.

To  
The Chief Conservator of Forests,  
Adilabad Circle,  
Adilabad

Dispatched on 01/09/2021

Rc. No. 506-A/2021/S 4, Dated: 26.08.2021.

Sir,

Sub :- TSFD-WL- Proposals for Diversion of **2.942 Ha** of Forest Land (1.278 Ha falling in Buffer area of Kawal Tiger Reserve) for formation of BT Road from ZP Road 27/9 to Gundala via Doddiguda of Tiryani Mandal in Asifabad Division of KB-Asifabad District in favour District Panchayat Raj Engineer, PIU, KB-Asifabad District under PMGSY- **Animal Passage Plan- Submitted-Regarding.**

Ref:-  
1. PCCF., ( HoFF) & CWLW, Hyderabad Rc.No. 6721/2018/WI-1 (ii), Dt: 23.06.2021.  
2. CCF, Adilabad Rc.No.2003/2020/M6, Dt: 12.07.2021.  
3. F.D.O., Asifabad Rc.No. 2458/2020/S10, Dt: 14.07.2021 & 29.07.2021.  
4. F.D.O., Asifabad Rc.No. 2458/2020/S10, Dt: .08.2021.

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In compliance to the instructions issued in the reference 1<sup>st</sup> & 2<sup>nd</sup> cited above, I am submitting herewith, the Animal Passage Plan along with location passage ways with geo-referenced and plotted on the Topo-sheet and google earth maps pertains to proposals for Diversion of **2.942 Ha** of Forest Land (1.278 Ha falling in Buffer area of Kawal Tiger Reserve) for formation of BT Road from ZP Road 27/9 to Gundala via Doddiguda of Tiryani Mandal, Asifabad Division, KB- Asifabad District in favour of the District Panchayath Raj Engineer (PIU), Kumuram Bheem Asifabad District under PMGSY submitted by the Forest Divisional Officer, Asifabad vide reference 4<sup>th</sup> cited.

This is submitted for favour of kind information.

Yours faithfully,

Encl. 15 Sols.

01/09

District Forest Officer,  
KB-Asifabad

Copy to the District Panchayath Raj Engineer, PIU Kumrambheem Asifabad District for information.

Copy to the Forest Divisional Officer, Asifabad for information.

District Forest Officer,  
KB-Asifabad

## **Animal Passage Plan**

**Proposal for Diversion of 1.278 Ha of Forest Land for  
Formation of BT Road from ZP Road 27/9 to Gundal via  
Doddiguda of Tiryani Mandal, in Asifabad Division of  
Kumuram Bheem-Asifabad District in favour District  
Panchayat Raj Engineer, PIU KB Asifabad District Under  
PMGSY.**

**Range: Ginnedhary**

**Mandal: Tiryani**

**Division: Asifabad**

**District: Kumuram Bheem-Asifabad.**

**Circle: Adilabad**

### Animal Passage Plan

**Proposal for Diversion of 1.278 Ha of Forest Land for Formation of BT Road from ZP Road 27/9 to Gundal via Doddiguda of Tiryani Mandal, in Asifabad Division of Kumuram Bheem-Asifabad District in favour District Panchayat Raj Engineer, PIU KB Asifabad District Under PMGSY.**

Animal passage plan proposals for diversion of forest land for road from ZP Road Gundal-W Via Diddiguda of Ginnedhary Range of Asifabad Division of Kumuram Bheem-Asifabad District is processed and submitted with recommendations in Part-III of Wildlife format for diversion of 1.278 Ha of forest land in "Buffer area Kawal Tiger Reserve". The proposed road length of the road passing in forest area is 2131.04 M with a width of 6.00 M.

Sl. No	Range	Section	Beat	Compt No	Name of RF	Proposed area for Diversion			Remarks
						Length in Mts	Width in Mts	Area in Ha	
1	Ginnedhary	Mulka laman da	Gundal-W	193,	Tiryani	838.01	6.00	0.502	"Buffer of Kawal Tiger Reserve"
2				205		1293.03		0.776	
					Total	2131.04		1.278	

In view of the above, the Principal Chief Conservator of Forests (HoFF) & Chief Wildlife Warden, Telangana Hyderabad and the Chief Conservator of Forests, Adilabad has informed that, the Wildlife Institute of India (WII), Dehradun prepared a guidance document entitled, "Eco friendly measures to mitigate impacts of linear infrastructure on wildlife". According to the guidelines, designs and norms for construction of under passes, over passes, visual barriers, sound barriers, sensory enhancers etc., for different landscapes are specified.

The major fauna in the said area are *Panthera tigris* (Tiger), *Lepus nigricollis* (Hare), *Bpselaphus dragocamulus* (Nilgai), *Axis axis* (Spotted Deer), *Sus scropha* (Wild Boar), *Pavo cristatus* (Indain Peafowl), *Glaucidium radiatum* (Jungle Owlet), *Terpsiphone paradise* (Paradise Flycatcher) etc.

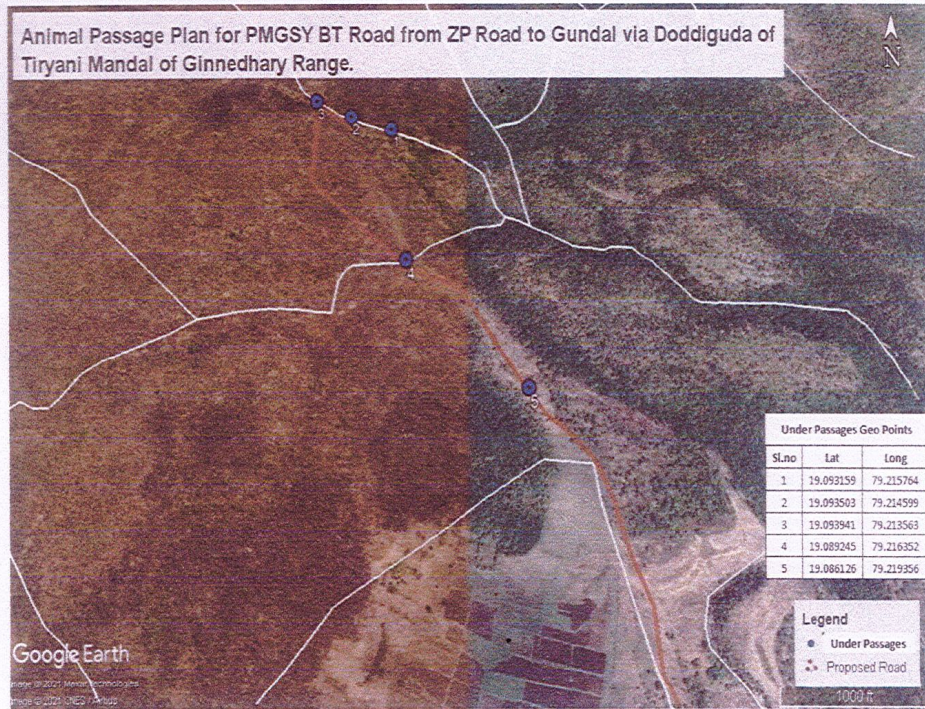
As per the specific guidelines, designs and norms for construction of under passages as specified by the Wildlife Institute of India, Dehradun, there is a need for (5) No's of Animal passages of minimum length of 30 M as per site conditions and height 3 M, with chain link fencing for 100 m on either side of the animal passages & on both sides of the road. These shall be constructed by the User Agency in the following proposed locations which are found suitable for



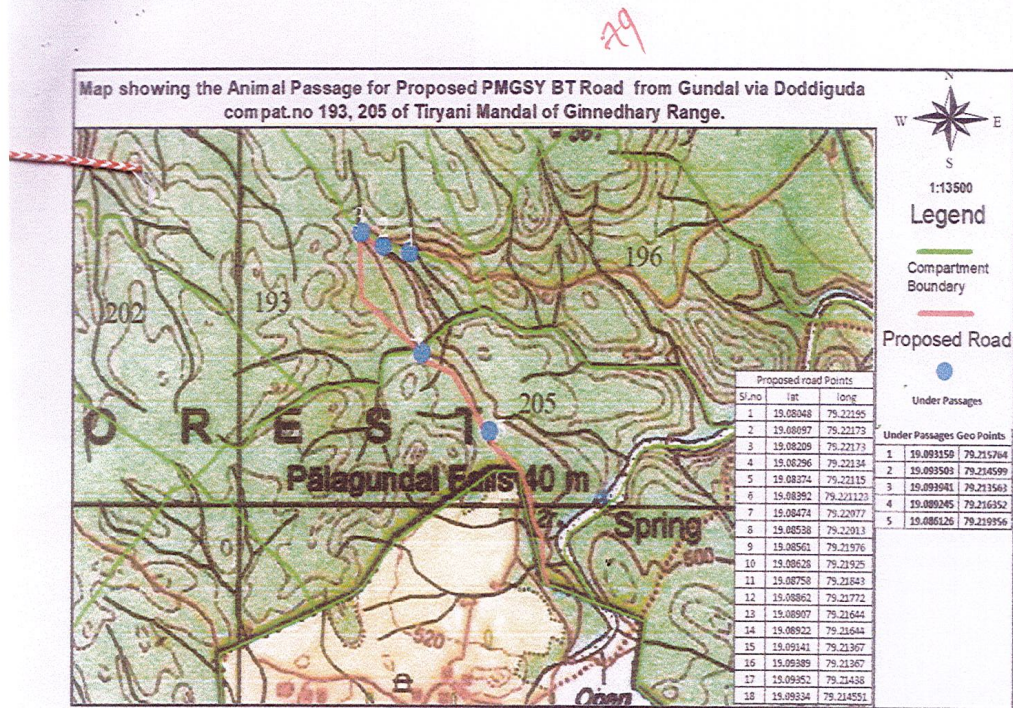
movement of animals so as to prevent road kills and to create safe passage for Tiger and other wildlife. After the joint inspection, the below details of animal passages are arrived at.

No	Range	Comp No	RF	Length of the road passing through RF ( meters)	No of under passes proposed	Under passes ID No	Geo-referenced		Geo-referenced		Height in meter	length in meter	Remarks if any
							(Starting Point)		(End point)				
							Lat	Long	Lat	Long			
1	2	3	4	5	6	7	8	9	10		12	13	14
1	Ginnedhary	193	Rally	838.01	5	1	19.093159	79.215764	19.093122	79.215673	3	30	
				2		19.093503	79.214599	19.093516	79.214622	3	30		
				3		19.093941	79.213563	19.093875	79.213563	3	30		
				4		19.089245	79.216352	19.089427	79.216685	3	30		
				5		19.086126	79.219356	19.086031	79.219322	3	30		
				Total	2131.04								

(Length refers to the clear open passageways and should exclude the width of support pillars, if any)







The chain-link fencing shall be placed for a length of 100 m on either side of the passages on both sides of the road for diverting the wildlife towards animal passages. User agency should ensure that these animal passages be periodically cleaned of debris and maintained free from clogging.

Forest Divisional officer,  
Asifabad.

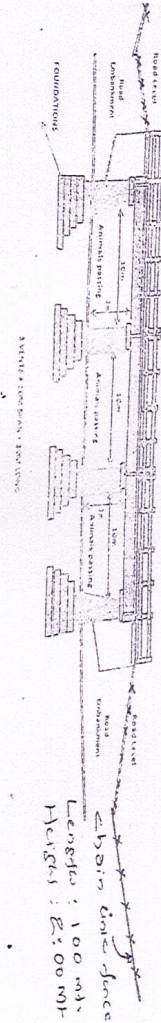
District Forest officer,  
KB Asifabad.

Forest Range Officer,  
Ginnedhary.



**DESIGN :**

Animal passage Plan in the Proposal as per the Guidelines of Wild life Institute of India Eco friendly measures to mitigate impact of linear infrastructure to wildlife




Dimensions : Length: 30 Mts Width: mts Height: 3.00 Mt

For approval Officer  
ASIFABAD

## UNDERTAKING

The District Panchayat Raj Engineer (PIU), Kumuram Bheem-Asifabad (User Agency) is here by undertaking that, the Animal Passage structures will be constructed during the formation of road in the alignment at the project cost in consultation with Forest Department as per the guidelines, design and norms of Government of India, Ministry of Environment, Forest & Climate Change (MoEF&CC) for Diversion of **1.278 Ha** of Forest Land for formation of **BT Road from ZP Road 27/9 Km to Gundala via Doddiguda** of Tiryani Mandal in favour of the District Panchayth Raj Engineer, PIU, Kumuram Bheem-Asifabad District in Tiryani and Ginnedhary Range of Asifabad Forest Division of Kumuram Bheem-Asifabad District under PMGSY- Phase-X (Batch-II).

  
District Panchayat Raj Engineer (PIU),  
Kumuram Bheem-Asifabad District,  
(User Agency)