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**FIELD / SITE INSPECTION NOTES OF THE FOREST DIVISIONAL OFFICER, UTNOOR(FDPT) ON DIVERSION OF 2.78 Ha FOREST LAND IN BIRSAIPET RANGE FOR IMPROVEMENT OF EXISTING ROAD AND WIDENING ROAD FROM "R/F R&B ROAD TO ALLAMPALLY OF KADDAM(M)" IN KAWAL RF BLOCK OF UTNOOR(FDPT) DIVISION IN ADILABAD DISTRICT ON 05.05.2021.**

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As part of FCA clearance of road on 05.05.2021, I along with concerned Range staff inspected the proposed site for diversion of Forest land (Area 7.14 Ha, length 10190 Km, width 7 Mtrs) for Improvement of the existing road and widening road from "R/F R&B Road to Allampally of Kaddam(M)" Kawal RF block according to DGPS survey map and as per the instructions from PCCF vide Prl. CCF, AP, Hyd. Rc.No. 14726/2020/WL-1, Dt. 26-11-2020 the entry and exit points were checked and found to be correct.

The proposed road falls in Birsaipet Range of Utnoor(FDPT) division and Udumpur Range of Khanapur Division. The length of road falling in Utnoor(FDPT) division is 6.95 Km and the rest 3.24 Kms falls in Khanapur Division of Nirmal District.

The proposed area passes through along already existing track and the forest type is moderately dense forest of Southern Tropical Dry Deciduous with canopy density of 0.6. The soil type is black cotton soil with undulating terrain and also hilly at some portion which is moderately prone for soil erosion. The Major portion of the road (length 6.95 kms) falls in Birsaipet Range, Utnoor (FDPT) Division and rest (length 3.24 kms) falls in Khanapur Division of Nirmal District. The road through Birsaipet range passes through the Core Area of Kawal Tiger Reserve. Thus proposed Diversion of Forest Land in Birsaipet Range of Utnoor Division amounts to 4.90 Ha.

As per right of way the cart track is not existed prior to 1980 as per SOI topomap. The proposed road passes through hill range and ends near point of Allampally village.





The proposed area for Birsaipet Range, Utnoor FDPT Division is falling in Compt.Nos. 55, 56,59,61,63 of Birsaipet beat, 62 of Kolamguda Beat,48 of Balanpur Beat and 47 of Yellaguda Beat of Birsaipet Section of Kawal Reserve Forest which is notified under section 4 vide Gazette Notification No.17 at Page No. 486, Dt: 09.05.1350 FASLI and the same was declared as Kawal Tiger Reserve vide G.O.Ms. No. 27 EFS & T (For.II) Department, Dt: 10-04-2012 Adilabad District Gazette No. 4-B, dt: 24.04.2012. The proposed diversion of forest area for Non forestry purpose i.e along the proposed track having no tree growth and enumeration of tree growth treated as nil.

Regarding the flora present in the area, the species commonly found are *Terminelia tomentosa* (Nallamaddi), *Tectona grandis* (Teak), *Butea monosperma* (Moduga), *Boswellia serrata* (Anduga) *Terminalia Arjuna* (Yerumaddi), *Acacia arabica* (Tumma), *Holoptelia integrifolia* (Nemalinara), *Terminelia bellerica* (Thani), *Xylia xylocarpa* (Tangedi) *Cassia fistula* (Rela), *Cleistanthus collinus* (Nallakodisha), *Buchanania lonzan* (Morri), *Semecarpus anacardium* (Jeedi), *Terminelia chebula* (Gotti), *Bombax ceiba* (Burugu), *Babusa Arundaneshia* (Bamboo) and *Madhuca indica* (Eppa). The fauna in the area majorly consist of *Melursus ursines* (Sloth Bear) *Hysterix indica* (Porcupine), *Lepus nigricollis* (Hare), *Boselaphus tragocamulus* (Nilgai), *Tetracerus quadricornis* (Fourhorned Antelope), *Spotted deer* (*Axis axis*), *Sus scrofa* (Wild boar), *Pavo cristatus* (Indian Peafowl) and *Glaucidium radiatum* (Jungle Owlet).



Regarding violations in the Forest Conservation Act, 1980, there is no violation in the proposed site of the project.

The said proposed area for diversion in Birsai pet Range forms part of Core Area of Kawal Tiger Reserve where lot of wild animal movement takes place. The Wild Animals such as Spotted deer, Nilgai, Chinkara, Sambhar, Porcupine, Jungle cat, leopard, Sloth bear Ratel etc are noticed. The alignment of proposed road project passing through in dense forest. However, there are no rare/ endangered/unique species of flora and fauna found in the forest area proposed for diversion. There are no protected Archaeological/ Heritage site/Defence establishment or any other important monument in the forest area proposed for diversion.

The proposed widening of existing road is passing through interior dense forest area and the surrounding areas covering with good flora and fauna and the proposed road ends with the village Allampally. This route has no alternatives. The road width of 7.00 Mtrs proposed by the User agency is not necessary in view of the interior location of the road. Very heavy and big vehicular traffic is not noticed on this road. The road is meant for villagers to commute and heavy vehicles shall not ply on this road. The width of existing kuccha road is 4.00 meters, which is sufficient for two wheelers and four wheelers to travel on this road. The vehicular traffic is also negligible. Further, the road passes through core of Kawal Tiger reserve where many animals as mentioned above go through. Animals can be sighted crossing the roads at all times during the day & night. Making a road of 7.00 meters would cause fragmentation of the habitat. Also chances of animals dying due to road accidents would also increase. Extending the width of the road will cause lot of trees to be cut as given in the enumeration report. Apart from the fauna, the overall biodiversity of the area is also very good. Many other animals such as reptiles will be affected by making the 7.00 meters wide road. Thus, forming a BT road of 7.00 meters width will cause heavy loss of biodiversity. To minimize the impact of the road on biodiversity, the road width is reduced to 4.00Mt. Hence in view of protection of forest and requirement of up gradation of road, it is **recommended the existing width of road for 4.00 Mtrs** to be adopted for

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improving the BT road, instead of 7.00 Mtrs as proposed by the User agency and **the diversion area in Utnoor Division reduced to 2.78 Ha.** By adopting a road width of 4.00 mtrs no tree needs to be felled.

It is observed that there are already existing culverts. These culverts should be converted into animal passage underpasses. Apart from the existing culverts, certain Nalas and depressions on existing roads which should also be converted into animal passage underpass routes. These will enable the wild animals to cross the road without the need to step on the BT surface. The proposed underpass locations are as given below:

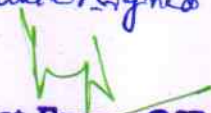
Sl. No.	Underpass location (Lat/Long)	Length	Remarks
1	19.25408, 78.78605	30 meters	
2	19.25382 78.78631	100 meters	
3	19.25252 78.79017	50 meters	
4	19.25183 78.79684	80 meters	

There are in addition to the already existing culverts

Hence this project requires barest minimum forest area of 2.78 Ha, with the total length of 6.95 Km and width of 4.00 mtrs in Kawal Reserve Forest Block (Birsai pet Range, Utnoor(FDPT) Division) area along with the underpasses as proposed above.

The project is intended to connect many interior tribal villages. The road connectivity improves the standard of life of the interior tribes and facilitates to transport agricultural produce to the nearest market centres.

Thus, this road for widening and formation of BT road is **recommended (2.78 Ha area)** based on the field conditions and future impact.

"Counter Signed"  
  
**District Forest Officer,  
ADILABAD.**

  
Forest Divisional Officer,  
Utnoor(FDPT).