

179

**FIELD INSPECTION NOTES OF Sri. U. KOTESWARA RAO, FOREST DIVISIONAL OFFICER, KHANAPUR ON DIVERSION OF 2.4227 Ha OF FOREST LAND IN KHANAPUR DIVISION FOR IMPROVEMENT AND WIDENING OF ROAD FROM KOSAGUTTA TO YAPALGUDA OF PEMBI (M), KHANAPUR DIVISION IN FAVOUR OF DISTRICT PANCHAYATH RAJ ENGINEER, NIRMAL ON 23.12.2020.**

I along with the Forest Range Officer, Pembli and concerned Range staff of Pembli Range inspected the proposed area for diversion of Forest Land for improvement and widening of existing "Kosagutta to Yapalguda of Pembli (M)" in favour of District Panchayath Raj Engineer on 23.12.2020. The proposed area is falling in Compt. No. 682,683 and 684 of the Itikyal Reserve Forest Block which is notified U/s. 4 vide Gt. No. 17 F&RD (For.VI), Dt. 08-01-1985. The length of the proposed road passing in forest area is 4037.80 Meters, width is 6.00 Meters and total area for diversion is 2.4227 Ha. ( Including a bridge on Dotti vagu ).The proposed area is falling in Core area of Kawal Tiger Reserve in Kosagutta beat of Itikyal Section of Pembli Range of Khanapur Division. During the field inspection important observations in the forest area for diversion are as follows:

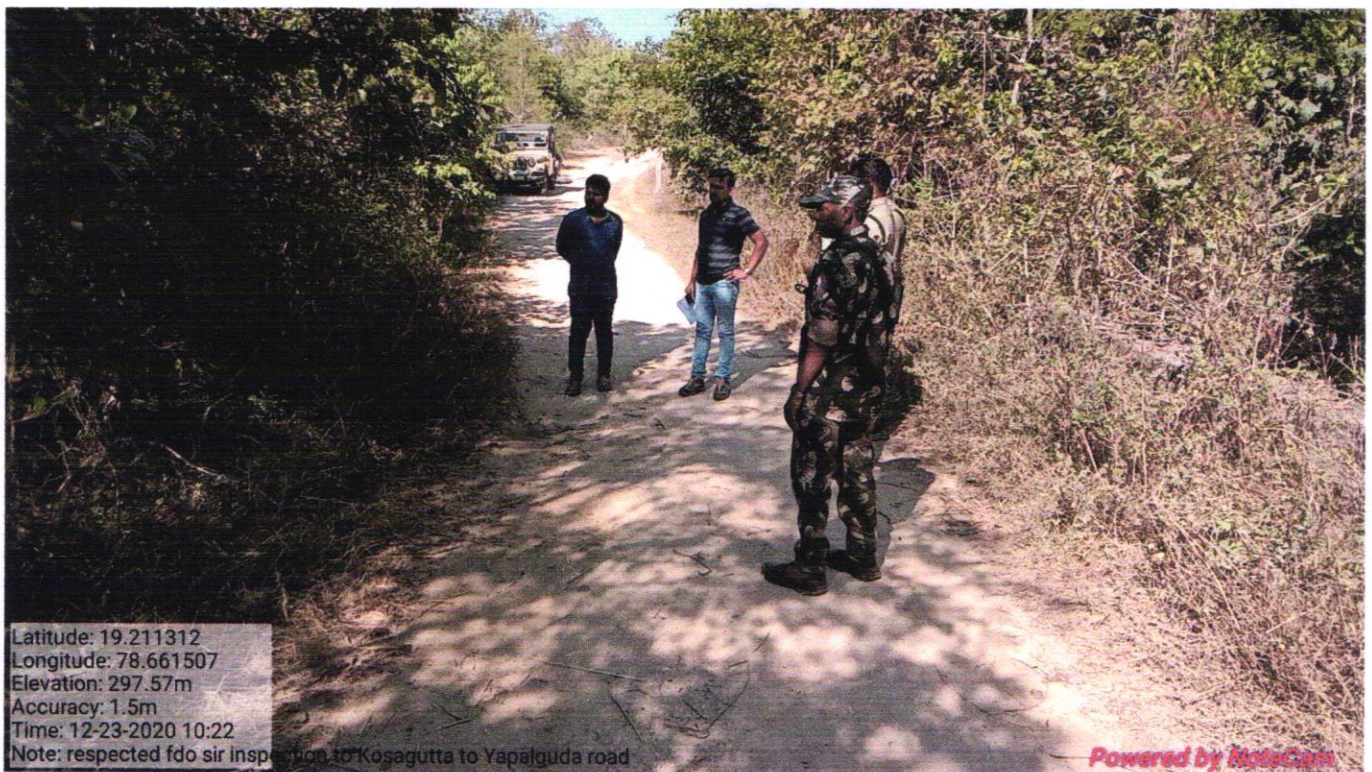
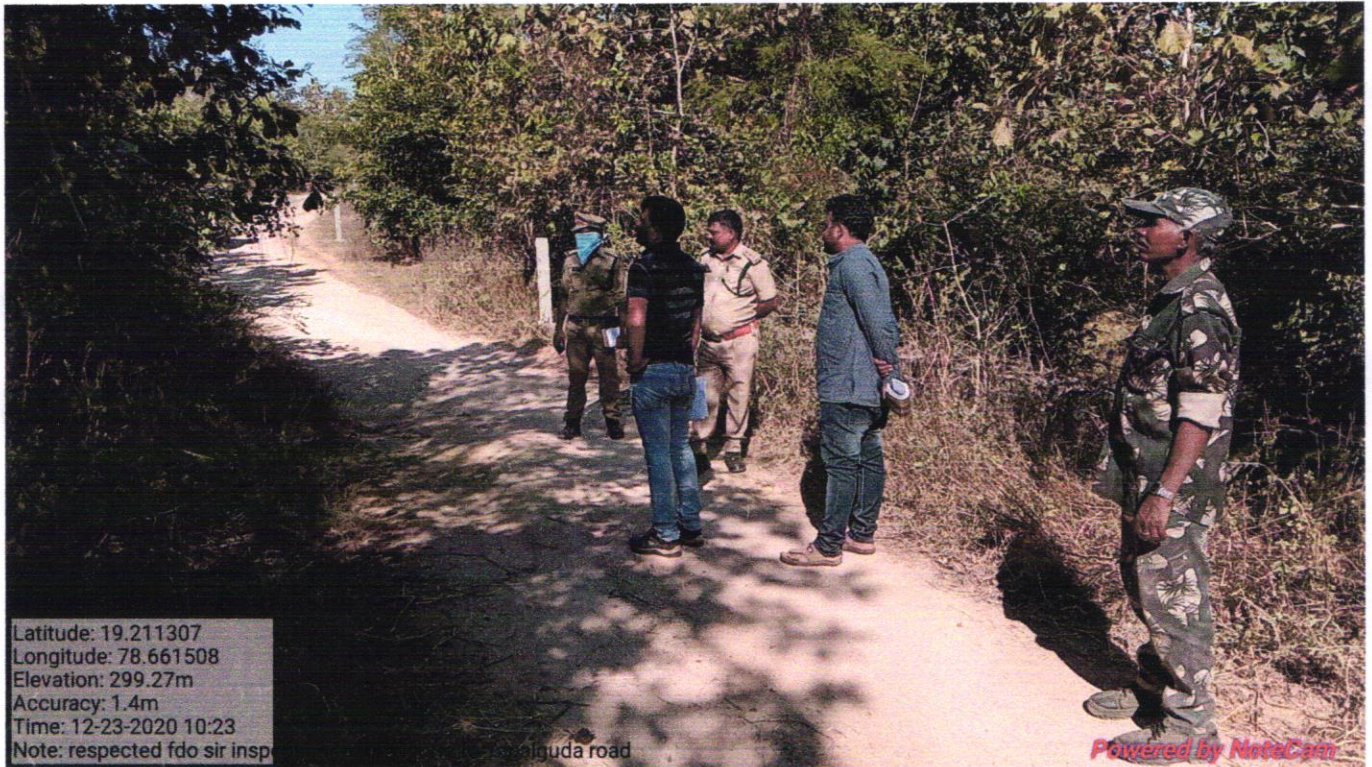
The alignment of road proposed for diversion is passing along the cart track, which is not there prior to 1980 according to the Survey of India Topo Map. The proposed area passes through Southern Tropical Dry Deciduous forest with canopy density from 0.4 to 0.8. The proposed road passes through the core area of Tiger Reserve crossing a river named Dotti vagu, which is tributary of Kaddam River, at which a bridge is also to be proposed over Dotti vagu. The terrain is plain with moderate slopes. The soil type is predominantly black cotton soils and some part is having red morram soils.

Regarding the flora present in the area, *Tectona grandis* (Teak) commonly found in association with Yerumaddi, Nallamaddi, Bandaru, Nemalinara, Chennangi, Ippa, Battaganam, Usuri, Yegisa, Somi, Maredu, Anduga, Moduga, Morri, Rosewood, Tapasi, Vishamusti and Tani etc. The fauna present in the area majorly consist of Tiger, Leopard, Sloth Bear, Hyena, Fox, Wild Dog, Wild Boar, Indian Bison (Gaur), Spotted Deer, Four-horned Antelope, Blue Bull, Sambar, Honey Badger, Civets, Jungle Cats, Pangolin and Common Langur. The tree growth involved in the proposed area of the project is attached in the enumeration list.



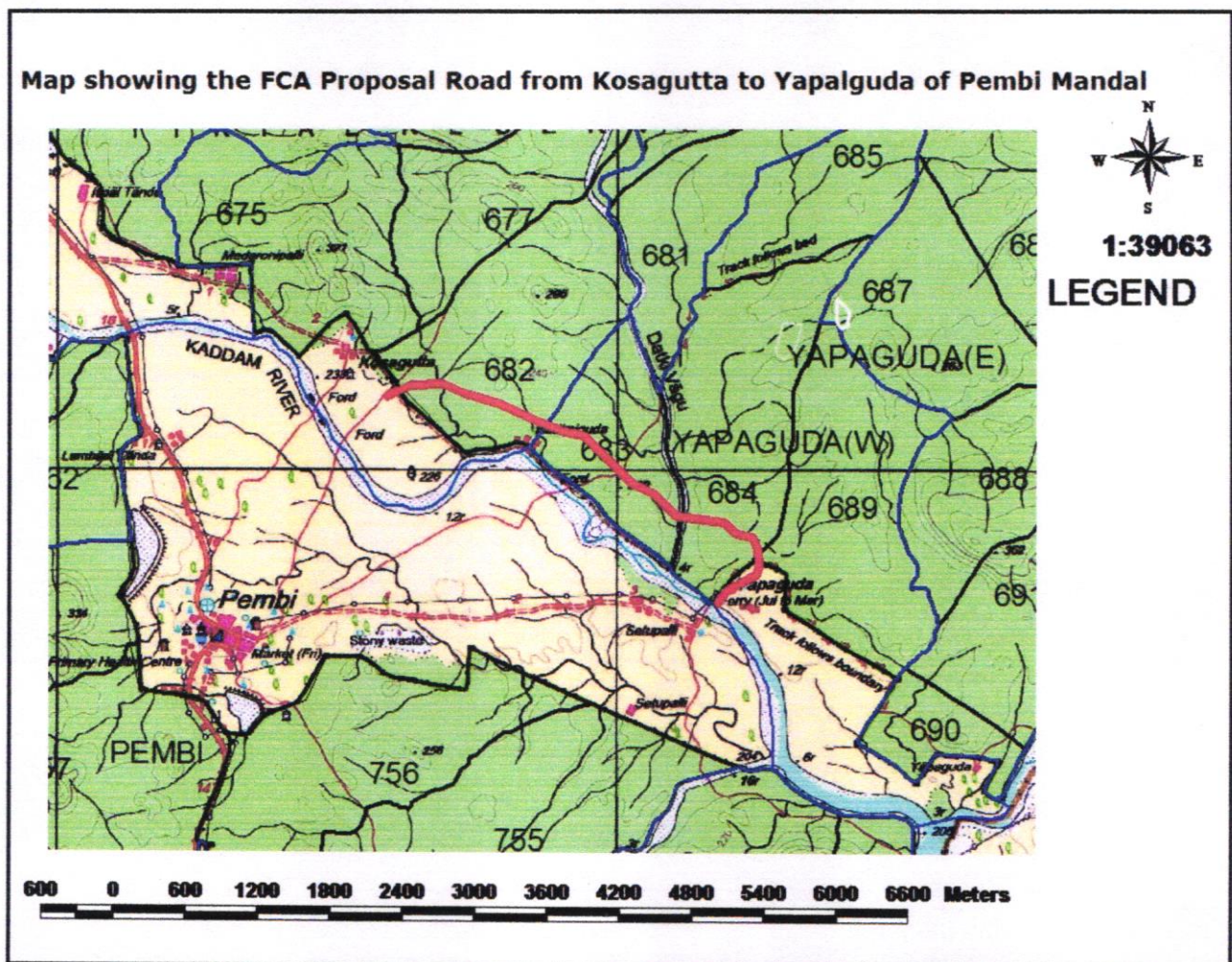
181

The said proposed area for diversion is falling in Kawal Wildlife Sanctuary and core area of Kawal Tiger Reserve. There are no protected Archaeological/ Heritage site/Defence establishment or any other important monument in the forest area proposed for diversion. It is verified as per the relevant Reserve Forest Block there is no right of way along the proposed road.





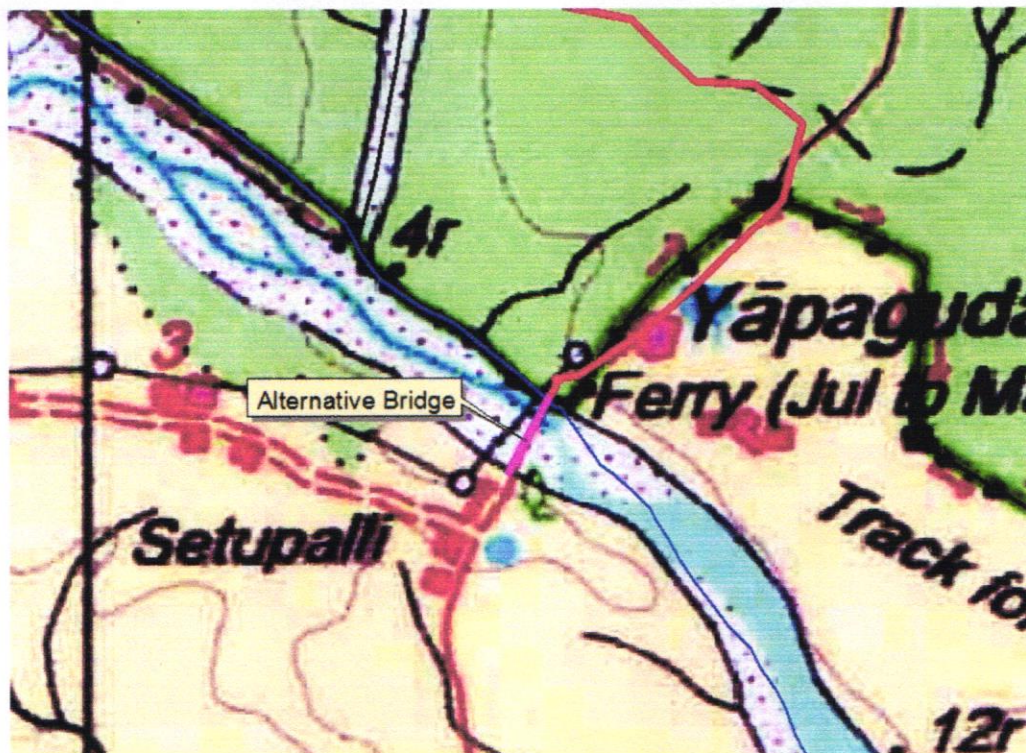
The requirement of forest land as proposed by the User Agency is **2.42 Ha** and the proposed road passing through the core area of Kawal Tiger Reserve for a length of about **4.038 Kilometers**, which will be fragmenting the typical tiger habitat into two segments. If one bridge will construct over the Kadam River **from Shetpally to Yapalguda**, which is totally falls in revenue land, no Forest land diversion is required for road connectivity to Yepalaguda village, which will also reduce the road distance and no fragmentation of core area in Tiger Reserve / Wildlife sanctuary will happen. One bridge is be included in the proposed road on Dotti vagu, which is part of core area of Tiger Reserve. Instead of construction of bridge on Dotti vagu, may be a bridge can be construct over Kaddam Vagu **from Shetpally to Yapalguda**, which require no Forest land diversion.





185

### Alternative Road connectivity from Shetpally to Yapalguda of Pembro Mandal

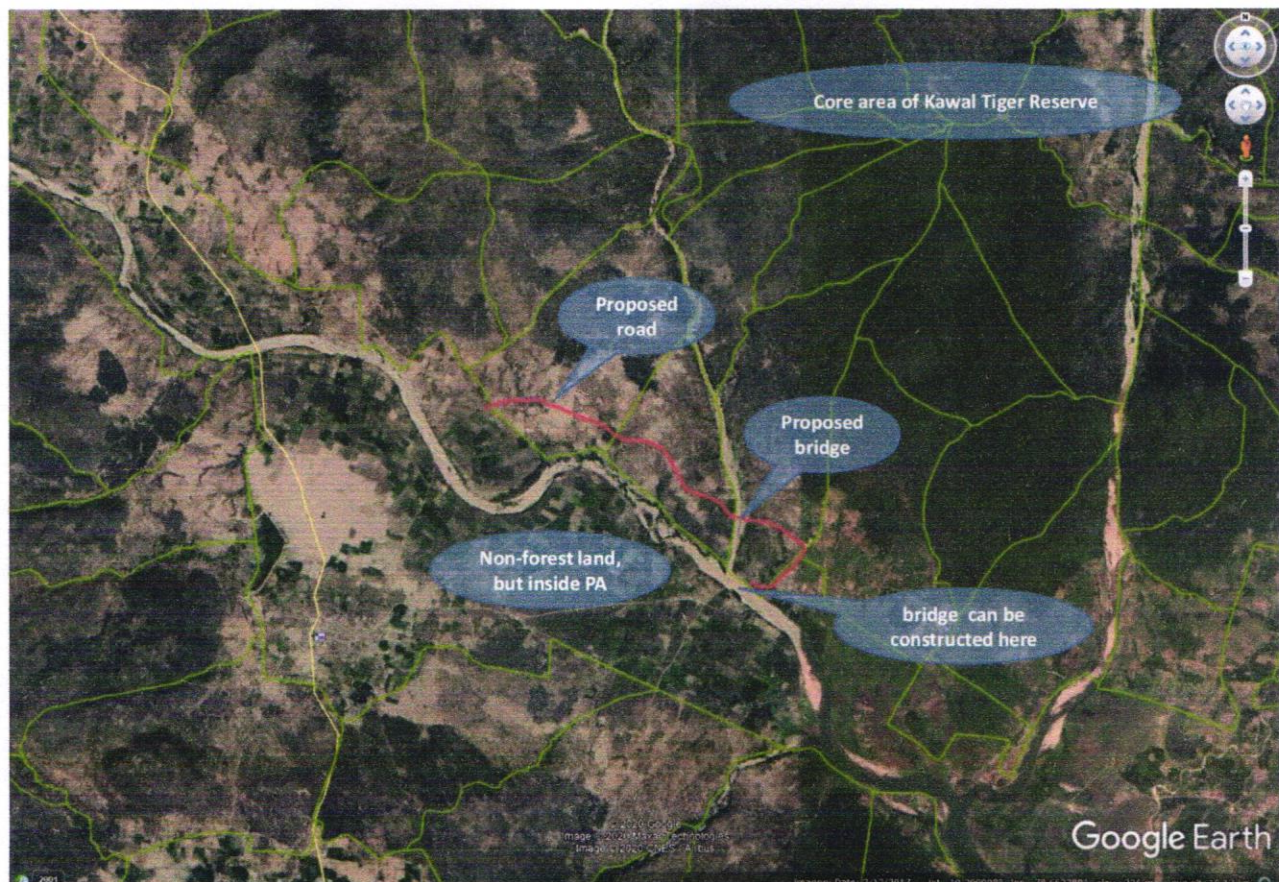


1:8192

LEGEND

100 0 100 200 300 400 500 600 700 800 900 1000 1100 Meters

### Diversion of FL for Kosagutta to Yapalguda road including construction of bridge

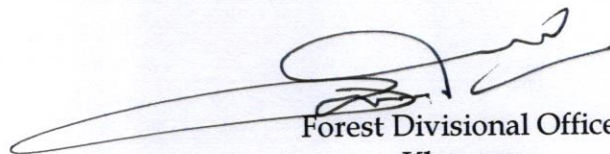




Thus, by considering all the aspects mentioned above and as per the field conditions the proposal submitted by the User Agency for diversion of 2.42 Ha for laying of road from Kosagutta to Yapalguda for a length about 4.0378 Kilometers is **recommended** by considering the following conditions:

- 1) Since there will be a good alternative road connectivity by constructing one bridge over Kaddam River **from Shetpally to Yapalguda**, which will also reduce the road length, the User agency can avoid the proposed road passing through the core area of Kawal Tiger Reserve for a length about **4.0378 Kilometers**, which will be fragmenting the typical tiger habitat into two segments.
- 2) If necessary, a BT Road from **"R/F Kosagutta to Yapalguda of PEMBI (M)"** is **recommended** subjected to condition of constructing animal passages in the following (09) locations with **10-15** meters width and **2.75** meters height, where there will be need to construct culverts on the road for the passage of wild animals across the road from one side to other side, besides taking up all other wild life mitigative measures. (Copy enclosed)

S.No	Latitude	Longitude
1	19.21388	78.65016
2	19.21429	78.65397
3	19.21217	78.66035
4	19.21378	78.65632
5	19.21080	78.66435
6	19.20870	78.66690
7	19.20614	78.66989
8	19.20482	78.67181
9	19.20336	78.67627

  
 Forest Divisional Officer,  
 Khanapur  
**Forest Divisional Officer**  
**Khanapur**