

SITE INSPECTION REPORT OF THE FOREST AREA PROPOSED FOR DIVERSION OVER AN EXTENT OF 13.28 HA IN KAKINADA DIVISION FOR FORMATION OF ROAD FROM VETUKURU TO SIRIPURAM IN FAVOUR OF EE, PR (PIU) DIVISION, KAKINADA BY THE DISTRICT FOREST OFFICER, KAKINADA DIVISION, KAKINADA ON 25-11-2021.

In compliance to the instructions of the Principal Chief Conservator of Forests (HoFF), Andhra Pradesh, Guntur, I have inspected the proposed site for diversion of 13.28 ha of forest land in Kakinada Division for formation of road from Vetukuru to Siripuram in favour of EE, PR (PIU) Division, Kakinada along with concerned staff on 25.11.2021 and submitting my remarks as follows.

The proposed road is passing through the Sudikonda Range (11.45 ha) and Rampachodavaram Range (1.83 ha) i.e., total proposed area is 13.28 ha.

I. Sudikonda Range:

1. The proposed road is passing through Comp.no.333,334 & 338 of Kota South-I RF and Compt.no.750 of Tadepalli PF of Sudikonda Range.
2. Total length proposed is 15260.25 mts.
3. Area Details are as follows.

S. no	Compt. no	Name of the RF/PF	Length (mts)	Width (mts)	Area required (ha)	Remarks
1	334 (part -I)	Kota South-I RF	478.00	7.5	0.36	Not Recommended
2	334 (part -II)	Kota South-I RF	1212.00	7.5	0.91	
			1690.00		1.27	
3	333	Kota South-I RF	308.06	7.5	0.23	Recommended
4	338	Kota South-I RF	199.00	7.5	0.15	
			507.06		0.38	
5	750	Tadepalli PF	13063.19	7.5	9.80	Recommended
			13063.19		9.80	
		Sub Total:	15260.25		11.45	

4. Kota South-I RF, Compt-334 (part-I & II) (Not recommended Area)

- i. The average density of the adjoining forest is 0.5 to 0.6 in Kota South-I RF.
- ii. Total No.of trees need to be felled are 514 nos in Kota South-I, RF Compt-334 (part-I & II)

S. No	Compt no.	Name of the RF	No.of trees		Qty	Value in Rs.	Remarks
1	334 (part-I & II)	Kota South-I RF	Non Teak	514	187.919 cmt	9,96,357	Not recommend ed for felling
2			Fuel		0.148 tonnes	320	
		Grand total	514			9,96,677	

- i. The vegetation comprises a variety of flora species such as *Xylia xylocarpa*, *Lagerstroemia parviflora*, *Dalbergia latifolia*, *Pterocarpus marsupium*, *Terminalia tomentosa* etc.,
- ii. The fauna like sloth bear and wild boar etc., are present in this area.

- iii. The area is hilly tertian with steep slope and undulating topography which makes it vulnerable to soil erosion and adversely impact ecological balance.
- iv. The formation of road may cause Soil erosion and Habitat fragmentation to wildlife.
- v. There is no human appearance except shandy day i.e. Saturday in Maredumilli and no heavy flow of traffic was noticed.

5. Kota South-I RF, Compt-333 & 338 & Tadepalli PF, Compt-750 (Recommended Area)

- i. The average density of the adjoining forest is 0.2 to 0.3 in Kota South-I RF compt no. 333, 338 and Tadepalli PF, Compt.no.750.
- ii. No felling of trees is required in this area.
- iii. No wildlife is noticed in this area.
- iv. The forest area required in Tadepalli PF is criss crossed on the water steams.
- v. During field inspection, no heavy traffic was noticed. Two wheelers and auto are main mode of transportation used by villagers for commuting.

II. Rampachodavaram Range:

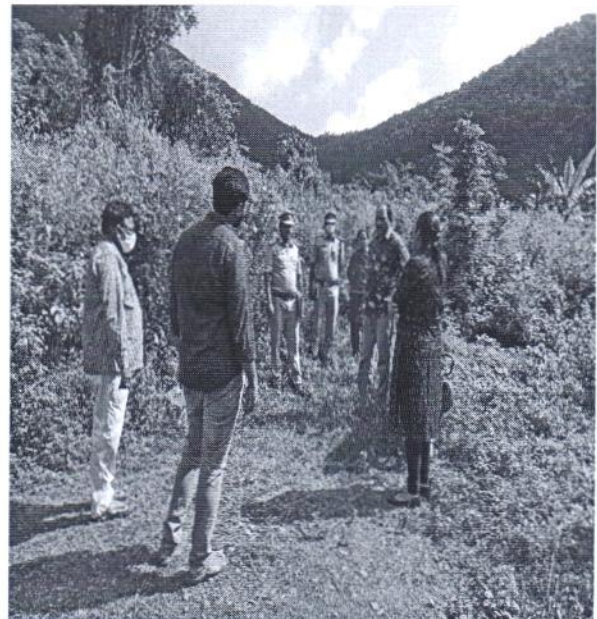
- 1. The proposed road is passing through Comp.no.741 of Pujaripakalu PF (1587.42 mtrs) and Comp.no.263 of Maredumilli RF (859 mtrs) of Maredumilli South Beat of Rampachodavaram Range. Total length proposed is **2446.42** mtrs.
- 2. Proposed Area Details are as follows.

S. no	Compt no	Name of the RF	Length (mtrs)	Width (mtrs)	Area required (ha)	Remarks
1	263	Maredumilli RF	859.00	7.50	0.64	Not recommend ed
2	741	Pujaripakalu PF	1587.42	7.50	1.19	
		Total:	2446.42		1.83	

- 3. The average density of the adjoining forest is 0.7.
- 4. Total No.of trees need to be felled are 1252 nos misc., trees & Value is Rs.8,45,749/-

S. no	Comp t no.	Name of the RF/PF	No.of trees		Qty in cmt	Value in Rs.	Remarks
1	263 & 741	Maredumilli RF & Pujaripakalu PF	Non-Teak	1252	77.352	8,45,749	Not recommende d for felling
		Grand Total:		1252	77.352	8,45,749	

- 5. These forests are mainly consisting of species like Konda Tangedu, Pala, Tada, Pothada, Yerrakarra, Ratch, Gumpena, Bandaru, Chennangi etc.,
- 6. The proposed road involves clearance of high and rich forest. The forest is moist deciduous and *Xanthoxylon rhetsa* is an endemic species to this area.
- 7. The area is 15 Kms aerial distance from the Papikonda National Park.
- 8. The fauna like spotted deer and wild boar etc., occur in the proposed area.
- 9. The area has steep slope and hilly terrain, which makes it vulnerable to erosion.
- 10.The formation of road may cause Soil erosion and Habitat fragmentation to wildlife.



a) Total Forest Area details for the proposed road:

Recommended Area:

S. No	Range	Compt no	Name of the RF	Length (Mtrs)	Width (Mtrs)	Area required in ha.
1	Sudikonda	333	Kota South-I RF	308.06	7.5	0.23
2		338	Kota South-I RF	199.00	7.5	0.15
				507.06		0.38
3		750	Tadepalli PF	13063.19	7.5	9.80
				13063.19		9.80
			Sub Total:	13570.25		10.18

Not Recommended Area:

S. No	Range	Compt no	Name of the RF	Length (Mtrs)	Width (Mtrs)	Area required in ha.
1	Sudikonda	334 (part - I)	Kota South-I RF	478.00	7.5	0.36
2		334 (part - II)	Kota South-I RF	1212.00	7.5	0.91
			Total:	1690.00		1.27
3	RC Varam	263	Maredumilli RF	859.00	7.50	0.64
4		741	Pujaripakalu PF	1587.42	7.50	1.19
			Total:	2446.42		1.83
			Grand Total:	4136.42		3.10

b) Total no.of Trees to be felled in Kakinada Division:

S. No	Comp t no.	Name of the RF/PF	No.of trees		Qty in cmt.	Value in Rs.
1	263 & 741	Maredumilli RF & Pujaripakalu PF	Non-Teak	1252	77.352	8,45,749
		RC Varam total		1252		8,45,749
2	334 (part-I & II)	Kota South-I RF	Non-Teak	514	187.919	9,96,357
3			Fuel in tonnes		0.148	320
		Sudikonda total		514		9,96,677
		Total Trees in Kakinada Division		1766		18,42,426

Further, the permission may be accorded to the user agency for diversion of 13.28 ha of forest land in Kakinada Division for formation of road from Vetukuru to Siripuram in-favour of EE, PR (PIU) Division, Kakinada subject to the following conditions.

- The status of the area remains as Forest land.
- The proposed area is meant only for what the user agency has sought for but not for any other commercial purposes whatever it may be.
- The user agency should inform the commencement of the work.
- The user agency should invariably demarcate the proposed land for diversion with any suitable permanent stones/ pillars. After demarcation only the works should be commenced.
- The user agency should not resort to excavate the surrounding forest land for collection of earth to be used in laying of road. If such excavation is found during work period or later the user agency and its site in-charge Officer will be charged with suitable provisions of relevant Acts.
- The diversion work will be executed under the supervision of the Forest department.
- The user agency shall obey to any other conditions stipulated by the Forest department as per Acts and Rules.
- For every violation which attracts the provisions of A.P.Forest Act, 1967 and Forest (Conservation Act), 1980 the user agency is solely responsible for violations if any.
- The user agency shall give an undertaking in accordance to the condition stipulated.
- Speed breakers, display boards, reflectors and warning signs should be placed as safeguard for wildlife by the user agency at the cost of user agency.

In this connection, the proposals for diversion of 13.28 ha of forest land in Kakinada Division for formation of road from Vetukuru to Siripuram in favour of EE, PR (PIU) Division, Kakinada may be accepted with the following recommendations.

- It is recommended to widen the road to a maximum width of **7.5 mts** including Berms over a length of **13570.25 mts** passing through Compt no.333, 338 of Kota South-I RF & Compt no.750 of Tadepalli PF. Total area recommended for diversion is **10.18 ha**.

- It is not recommended to widen the road over a length of **4136.42 mts** passing through Compt no.334 of Kota South-I RF in Sudikonda Range & Compt no.741 of Pujaripakalu RF, Compt no.263 of Maredumilli RF of Rampachodavaram Range. Total area not recommended for diversion is **3.10 ha**.
- The forest area in the above compartments may not be diverted as the road formation may be vulnerable to soil erosion, adversely impact ecological balance and leads to destruction of Teak Plantations present in surrounding areas and it is possible to smuggle the valuable timber species including Ganja from the three (3) ranges i.e. Rampachodavaram, Sudikonda and Addathigala.


District Forest Officer
Kakinada Division, Kakinada

18/12/2021