

FIELD INSPECTION NOTES OF FOREST DIVISIONAL OFFICER, MANCHERIAL ON 05.11.2020 FOR DIVERSION OF **2.020 Ha.** (REVISED FROM 1.960 Ha.) IN RESERVE FOREST LAND OF MANCHERIAL DIVISION FOR WIDENING AND STRENGTHENING FROM KM 180/6 TO KM 223/0 OF NIZÁMABAD TO JAGADALPUR SECTION OF NH-63 (OLD NH-16) WITH TWO LANE PAVÉD SHOULDER IN FAVOUR OF CE-RO, GoI, MoRTH, HYDERABAD.

- ❖ During the field verification by the Forest Range Officer, Mancherial and me on 05.11.2020 of said proposed areas diversion for widening and strengthening from Km 180/6 to Km 223/0 of Nizámabad to Jagadapur Section of NH-63 (old NH-16) with two lane pavéd shoulder in favour of CE-RO, GoI, MoRTH, Hyderabad.
- ❖ . The proposed diversion area details are as follows.

Sl. No	Section	Beat	RF	Compt. No.	Entry and Exit Points	Coordinates of proposed road widening at entry of RF		Length of proposed road widening at exit of RF	Width proposed road as per field (in M)	Area of Proposed for diversion as per field (in Ha)	Remarks
1	2	3		4		5		7	8	9	10
1.	Bheemaram	Bheemaram	Chennur	312	Entry Point	18.84530	79.703200	492	40	1.968	LS
2.	Bheemaram	Bheemaram	Chennur	312	Exit Point	18.84613	79.707695	492	40	1.968	LS
								492	40	1.968	
3.	Bheemaram	Bheemaram	Chennur	312	Entry Point	18.84492	79.703286	518	40	2.072	RS
4.	Bheemaram	Bheemaram	Chennur	312	Exit Point	18.84591	79.70799	518	40	2.072	RS
								518	40	2.072	
Average Total:								505	40	2.020	

- ❖ The length of proposed road varies along the RF and along the compartment towards right side and left side. However, an average total length of the proposed road is 0.505 Kms and proposed diversion area width is 40 mts i.e., 20 mts on either side from the center of the existing road.
- ❖ The User Agency i.e. NH 63 has proposed construction of bridge at Joduvagu with under passage of dimensions 21 meters (clear span) in 3 vents i.e. total length of 63 mts with width of 16 mts for construction of bridge, which is falling in both Mancherial and Chennur Divisions. The Bridge is proposed at Joduvagu along new alignment of proposed road and it is noticed that the old existing bridge is not following in proposed diversion area. The length of the new bridge proposed is 10 meters, width 16 meters and clear height is 4,865 mts (total height 7.5 mts) and the Latitude 18.847057, Longitude 79.685115. Actual diversion of the proposed diversion bridge area is 63 meters, but covered with length 10 meters, width 40 meters and the area of 0.04 Ha. in Mancherial Division remaining 53 meters covered with Chennur Division.
- ❖ In Mancherial Division the the total length of road including part of bridge is 505 meters i.e., (495meters Road length + 10 meters brige length) which is passing through the Compt. Nos. 312 and falling in Chennur RF of Mancherial Range. The area of the proposed diversion has been calculated and it comes to be **2.020 Ha** (505 Rmt x 40 M width / 10000 = 2.020 Ha.). Out of 2.020 Ha. of total diversion, the road covers an area of (495 Rmt x 40 Mts width / 10000 = 1.980 Ha.) and the bridge covers an area of (10 mts x 40 mts width / 10000 = 0.040 Ha.). The structure of the bridge is 10 mts x 16 mts= 0.016 Ha. But the User agency has applied for 40 meters width at Joduvagu, so that, the balance area (0.040 Ha. – 0.016 Ha. = 0.024 Ha.) shall be utilized by them in future for further use. Thus the area of the proposed diversion has been calculated and it comes to be **2.020 Ha** (505 Mts x 40 Mts width / 10000 = 2.020 Ha.) in Mancherial Division.

- ❖ Out of total area of required for bridge 63mtrs x 40mtrs = 0.252 Ha. falling in both Mancherial and Chennur Divisions. The length of bridge 10 mtrs and the area (10 mtrs x 40mtrs = 0.040 Ha. is covered in Mancherial Division. The remaining length of Bridge 53 Mtrs and the area (53 mtrs x 40 Mtrs = 0.212 Ha) is covered in Chennur Division.



- ❖ The bridge is proposed at Joduvagu along realignment proposed road and it is noticed that, the length proposed (10 Mtrs and width 16 Mtrs and area is 0.016 Ha.). The structure of the bridge occupy an area where as diversion of road proposed for 10 Mtrs X 40 Mtrs = 0.040 Ha. (clear span for flow of water). Further new bridge is proposed away from the existing bridge and located at Latitude:18.847057 Longitude:79.685115. The length of proposed bridge is 10 Mtrs, width 16 mtrs and clear height is 4.865 mtrs (total height 7.5 Mtrs).
- ❖ No alternative road is found to avoid use of Forest Land and also fragmentation of Forest Land.
- ❖ The area is having different type of vegetations, which is having 0.3 Density.
- ❖ In the proposed diversion area, no protected archaeological / heritage site / defense establishment or any other important monument is found in the area. That, there is tree growth existing in the proposed area of diversion. The species wise, girth class wise enumeration of tree Abstract is enclosed.
- ❖ The proposed area is not falling in National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger Reserve, Elephant Corridor etc. and also it is not falling any Eco-sensitive zone.
- ❖ The local fauna includes Tiger (*Panthera Tigris*), Spotted deer (*Axis Axis*), Jackal (*Canis Aureus*), Sloth bear (*Melursus Urisnus*), Neelagai (*Boselphus Tragocamelus*), Porcupine (*Hystiric Indica*), Python (*Genus Python*), etc., Tiger movement is recorded in proposed forest area.
- ❖ The area proposed for diversion is barest minimum and unavoidable without alternatives for the project.
- ❖ No violation of Forest Conservation Act 1980 has been carried out by the User Agency.


 Forest Divisional Officer,
 Mancherial