

Site Inspection Report

A. Details of Project

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| 1. Name | Construction of bypass Road around Chatra town on NH-22 (Old NH-99) in the state of Jharkhand under EPC Mode. |
| 2. Proposal No. | FP/JH/ROAD/146786/2021 |
| 3. Forest Land applied for diversion | 64.0849 Ha |
| 4. User Agency | Executive Engineer NH Division, Hazaribagh |

B. Details of Site Inspection :

1. Date of Site Inspection 29.03.2024
2. Other members present during the visit :
 - a. DFO, Chatra South Division
 - b. Executive Engineer, NH Division, Hazaribagh & his team
 - c. Forest Range Officer, Chatra & other Local field staff


A site inspection was carried out on 29.03.2024 in the presence of the above-mentioned persons. The findings of the inspection are mentioned below :

The proposal has been submitted for diversion of 64.0849 ha. (NF – 51.1144 ha. and GMJJ 12.9705 ha.) forest land.

The Length of proposed bypass road is 14.23 km which starts at point – 42.112 and ends at point 54.701. It passes through the middle of Chatra town, that is why, vehicles coming from different places like Gaya, Hazaribagh, Palamu, Tandwa etc passes through Chatra town. This causes issue of traffic congestion and pollution. Present road cannot be widened due to presence of dense market/building on both sides of the road. Therefore proposal of the construction of Chatra – bypass road is acceptable.

During inspection, out of 3 alignment proposed, the proposed alignment is found suitable. Forest land under proposed bypass is either degraded or plantation area. Avg. density of vegetation is 0.4.

During field visit and study of proposed map/ proposal, it is found that out of 64.0849 ha. forest land, 60.0849 ha. forest land is related to construction of road and its allied activities. One patch of 4 hectare is proposed for development of road side amenities such as hospital, cafeteria, rest room etc. This patch is located on one side of the road and it is not contiguous to road. During field visit it is also found that non-forest land is available near this proposed road, where above amenities can be developed. Therefore the above patch of 4 hectare forest land is non site – specific and it is not recommended for diversion.




Proposed bypass road is causing fragmentation of forest land. Two fragmented part of forest are very small and located nearby Chatra town and because of the above facts these two patches are highly vulnerable to encroachment. To protect these patches of forest area fencing and plantation is much needed and the cost of that will be borne by user agency.

The proposed bypass is 4-lane road and it bifurcates continuous patches of forest land. Due to width of road, speed of vehicles and presence of forest on both side of road, movement of wildlife will be effected. Therefore, to mitigate negative effect of this project on wildlife, a site specific wildlife management plan is recommended.

During field visit, it is also found that the proposed area is highly prone to erosion. Therefore preparation and implementation of soil and moisture conservation plan is recommended.




Conservator of Forests
Territorial Circle, Chatra