

Government of India

Ministry of Road Transport & Highways

(O/o the Chief Engineer - Regional Officer, Lucknow)

N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022

Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 20.11.2019

Invitation of public comments

Sub.: Proposal for NOC for overhead crossing of NH-233 (New NH-28) by 220 KV DC Bhaukhari (Basti 400 KV) Dulhaipar Transmission Line at Km.85.246 near Village - Karha, Tehsil - Rudhauli & District - Basti in the State of Uttar Pradesh - Reg.

The Executive Engineer, Electricity Transmission Division-I, U.P. Power Transmission Corp. Ltd. has submitted the proposal for NOC for overhead crossing of 220 KV HT line in the subject cited stretch.

2. From the submitted proposal, it is seen that the height of both proposed structures (Transmission Towers) on which the proposed overhead line is hanging is 54.580m and 49.580m. The structures (Transmission Towers) on either side are being erected at distance of 136.00m & 63.00m respectively from the National Highway boundary. Further, the minimum clearance of 23.70m between the lowest conductor of the proposed line and NH carriageway shall be maintained. However, the proposed transmission line shall be crossing the National Highway at 81 degree.

3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

4. In view of the above, comments of the public on the above application is invited to the below mentioned address:

The Chief Engineer - Regional Officer,
Ministry of Road Transport & Highways,
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road,
Vikas Nagar, Lucknow - 226 022.

Encl: As above.



(Manish Kumar Chauhan)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Executive Engineer, Electricity Transmission Division, U.P. Power Transmission Corp. Ltd. 220 KV Sub Station, Gidahi -Basti.

(Manish Kumar Chauhan)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

CHECK-LIST

FOR NH -28(Old No.233) ROAD CROSSING BY 220 KV D/C BHAUKHARI.(BASTI-400 KV)-
DULHAIPAR LINE.

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-28 (OLD. NO.233)
2.	Name of Crossing	Varanasi TO Lumbini
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARHTED OR NOT	220 K.V.D/C 6 phase 50 cycles A.C. AND 1 OPGW.
4.	Position of towers	BETWEEN LOC. NO.87 (DC+15) & 88 (DC+10)
5.	NORMAL SPAN AT ZEBRA CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	11.745 M.
7.	CROSSING SPAN	238 M. ✓
8.	Preceding span	172 M.
9.	Succeeding span	334 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.87 (DC+15) height above GL 54.580 M depth below GL 3.00M. B) Location No.88 (DC+10) height above GL 49.580 M depth below GL 3.00M
11.	Max.SAG OF Zebra CONDUCTOR (SIZE 54/3.18mm AL+7 /3.00mm) at Crossing	7.45 M
12.	CLEARANCE OVER ROAD	23.70 M
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	At tower no. 87 34.225 M.


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Executive Engineer
Electr Trans Division
U.P.Power Trans Corporation Ltd.
Basti

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 87 DC+15 = 3.092.M. Location No. 88 DC+10 = 3.091. M
15.	Angle of road crossing	81 ⁰ 00' 00"
16.	Distance from NH Boundary From center of tower	Loc. No. 87 (DC+15) = 136 M. Loc. No. 88 (DC+10) = 63 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 87 (DC+15) = 156 M. Loc. No. 88 (DC+10) = 82 M
18.	Protection of assembly to the line	NA
19.	No. of stay required	NO.
20.	Minimum Factor of Safety	2.
21.	Size of power conductor mm.	Zebra Conductor over all dia.28.62 MM)
22.	Size of Earth Wire/OPGW	OPGW Dia 11.01 mm
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE (ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHING

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