

Government of India
Ministry of Road Transport & Highways
(Chief Engineer - Regional Office, Lucknow)
N.H. Bhawan, Biotech Chowk, Lucknow Ring Road, Vikas Nagar, Lucknow - 226 022
Ph.: (0522) - 2967112, 2738226 (Tele-Fax)

Dated: 23.08.2019

Invitation of public comments

Sub.: Proposal for NOC for overhead crossing of 132 KV D/C Rajatalab - Kachwa Transmission line between Km 764.500 to Km.764.520 in the section of Varanasi - Prayagraj on NH-2 near village - Katka (Babusarai), Tehsil - Sadar, District - Mirzapur in the State of Uttar Pradesh - Reg.

1. M/s U.P. Power Transmission Corporation Limited, Varanasi has submitted the proposal for overhead crossing of 132 KV D/C Rajatalab - Kachwa Transmission line between Km 764.500 to Km.764.520 in the section of Varanasi - Prayagraj on NH-2 near village - Katka (Babusarai), Tehsil - Sadar, District - Mirzapur to the Project Director, NHAI, PIU, Prayagraj for consideration.
2. From the submitted proposal, it is seen that the height of one of the pylons on which the proposed overhead line is hanging is 47.250m and of the other is 57.250m. The pylons on either side are erected at distance of 58m & 96m from the National Highway boundary. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 29.80m. However, the proposed transmission line shall be crossing the National highway at 89 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 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


Yours faithfully,



(Ruchir Agarwal)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

Copy to:

- (i) NIC, New Delhi - for uploading on the Ministry's website.
- (ii) The Regional Officer, UP - East, National Highways Authority of India, S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd Floor, One Place Tower, Sikraul, Varanasi - 221 002.
- (iii) The Project Director, NHAI, PIU, 18-C/28-A, Sarojini Naidu Marg, Near A.G. Office, Civil Lines, Prayagraj - 211 001.

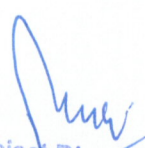

(Ruchir Agarwal)
Assistant Executive Engineer
For Chief Engineer - Regional Officer

CHECK-LIST

FOR NH -2 ROAD CROSSING BY 132 KV D/C RAJA KA TALAB-KACHHWA T/
LINE


S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-2
2.	Name of Crossing	Prayagraj- Varanasi
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	132 KV D/C 6 phase 50 cycles A.C. AND 1 EARTHWIRE
4.	Position of towers	BETWEEN LOC. NO.AP- 20(DC+15) &AP-21 (DC+25)
5.	NORMAL SPAN AT LAPWING CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	11.745 M.
7.	CROSSING SPAN	202 M.
8.	Preceding span	270 M.
9.	Succeeding span	102 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.AP-20 (DC+15) height above GL 47.250 M depth below GL 3.00M. B) Location No.AP-21 (DC+25) height above GL 57.250 M depth below GL 3.00M
11.	SAG OF 3*3 Panther CONDUCTOR SIZE 30/3.00 + 7/3.00MM	$8.843 * (202)^2 / (380)^2 + 0.30(\text{sag error}) = 2.284$
12.	CLEARANCE OVER ROAD	29.80 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	25.80m.

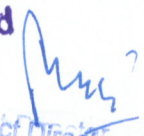

 Manager (Tech)
 NHAI, PIU-Allahabad



 Project Director
 NHAI, PIU-Allahabad


 Executive Engineer
 Electricity Transmission Division IV
 U.P Power Corporation Limited
 Manduadih, Varanasi

14.	Height of road level above ground level measured at the foot of the structure.	Location No. AP-20(DC+15) = 4.0.M. Location No. AP-21(DC+25) = 4. 0M
15.	Angle of road crossing	89° 00' 00"
16.	Distance from NH Boundary From center of tower	Loc. No. AP-20 (DC+15) = 58 M. Loc. No. AP-21 (DC+25) = 96 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. AP-20 (DC+15) = 82 M. Loc. No. AP-21 (DC+25) = 120 M
18.	Protection of assembly to the line	Anti Climbing devices provided
19.	No. of stay required	NO.
20.	Minimum Factor of Safety	2.
21.	Size of power conductor mm.	ACSR Panther (Conductor dia.21.00 MM
22.	Size of Earth Wire	Steel 7/3.25 (Overall Diameter - 9.75 mm)
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED


Manager (Tech)
 NHAI, PIU-Allahabad


Project Director
 NHAI, PIU-Allahabad


Executive Engineer
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 U.P. Power Corporation Limited.
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