

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: 07.08.2019

Invitation of public comments

Sub.: Proposal for NOC for overhead crossing of 400 KV Twin Moose Gorakhpur - Lucknow transmission line on NH-28 between Km. 172.00 to Km. 173.00 at Km.172.590, near Village - Harriya, District - Basti in the State of Uttar Pradesh - Reg.

1. M/s U.P. Power Transmission Corporation Limited, Basti has submitted the proposal for overhead crossing of 400 KV Twin Moose Gorakhpur - Lucknow transmission line on NH-28 between Km. 172.00 to Km. 173.00 at Km.172.590, near Village - Harriya, District - Basti in the State of Uttar Pradesh to the Project Director, PIU, NHAI, Gorakhpur for consideration.
2. From the submitted proposal, it is seen that the height of both the pylons on which the proposed overhead line is hanging is 55.788m. The pylons on either side are erected at distance of 82.50m & 99.50m from the National Highway boundary. Further, it noted that the minimum clearance between the lowest conductor of the proposed line and NH carriageway is 22.60m. However, the proposed transmission line shall be crossing the National highway at 87 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, Dev Villa, No. 3/40, Bahar Cluster-3 Sahara Estate, Deoria Bypass Road, Gorakhpur - 273 010.



(Ruchir Agarwal)

Assistant Executive Engineer
for Chief Engineer - Regional Officer

CHECK-LIST

FOR NH -28 Road Crossing by Lilo of 400 KV DC CKT-3 Gorakh pur -Lucknow twin
moose PGCIL Line at Proposed 400 KV S/S Bhaukhari Basti.

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-28
2.	Name of Crossing	LUCKNOW-GORAKHPUR
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	400 K.V. d/C 3 phase 50 cycles A.C. AND 2 EARTHWIRE
4.	Position of towers	BETWEEN LOC. NO.21/0 (DD+6) &22/0 (DD+6)
5.	NORMAL SPAN OF CONDUCTOR	400 M.
6.	MAX.SAG AT NORMAL SPAN	13.06M.
7.	CROSSING SPAN	227 M.
8.	Preceding span	310 M.
9.	Succeeding span	340 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.21/0 (DD+6) height above GL 55.788 M depth below GL 3.00M. B) Location No.22/0(DD+6) height above GL 55.788 M depth below GL 3.00M
11.	MILE STONE NO	172-173
12.	CLEARANCE OVER ROAD	22.60 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	22.60M.



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Executive Engineer
Electrical Division
NHAI PIU-Gorakhpur
U.P. Power Transmission Division Ltd.
Basti

Project Director
PIU NHAI
Gorakhpur

Project Director
PIU NHAI
Gorakhpur

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 21/0 DD+6 = 1.5 .M. Location No. 22/0 DD+6 = 1. 6M
15.	Angle of road crossing	87° 47' 21"
16.	Distance from NH Boundary From center of tower	Loc. No. 21/0(DD+6) = 82 M. 82.50 M Loc. No. .22/0 (DD+6) = 102 M. 99.50 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 21/0(DD+6) = 105 M. Loc. No. .22/0 (DD+6) = 122 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 MOOSE (Conductor dia.31.77MM
22.	Size of Earth Wire mm	Steel 7/3.66MM (Overall Diameter – 10.98 mm)
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED



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

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Manager(T)
NHAI-PIU-Gorakhpur

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Project Director
PIU NHAI
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Project Director
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