



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय-पश्चिम उ०प्र०, लखनऊ Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

दूरभाष / Phone : 0522-4960291, टेलीफैक्स / Fax : 0522-4950680

ई-मेल / E-mail : rowestup@nhai.org, rowestup@gmail.com



19001/1/RO-W-UP/NH-509/Ch.98.560/OH/1448

Dated: 30.06.2022

Invitation of Public Comments

Sub: Proposal for overhead crossing of National Highway NH 509 by 220 KV D/D Harduaganj, TPS - Khair (220) Transmission Line at Ch.98.560- reg.

The Authorized Signatory M/s EE, UPPTCL, Aligarh has submitted the proposal for permission for overhead crossing of National Highway NH 509 by 220 KV D/D Harduaganj, TPS - Khair (220) Transmission Line at Ch.98.560 in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the position of Tower is outside of NH ROW. Length of crossing Span is 185m & Towers are at a distance of 83m & 67m from either side of NH boundary while height of towers is 42.225m and 39.225. Vertical Clearance between road level & the lowest conductor is 15.90m. Width of available ROW is 28m.

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, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained.

**The Chief General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-West, Lucknow
3/248, Vishal Khand, Gomti Nagar
Lucknow-226 010**

This issues with the approval of RO-West (UP).

Encl: As above.

(Signature)
30/06/22
(N.P. Singh)
DGM(T)

For RO-West, UP

Copy to:

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. The Authorized Signatory M/s EE, UPPTCL, Aligarh, U.P. for information.
4. The PD, PIU-Moradabad for information.

CHECK-LIST FOR NH -509 Road Crossing by 220 KV DC HARDUA GANJ TPS - KHAIR(220)

LINE ON SINGLE ACSR MOOSE - TRANSMISSION LINE

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-509
2.	Name of Crossing	ALIGARH-MORADABAD
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARTHED OR NOT	220 K.V. D/C 3 phase 50 cycles A.C. AND 1 OPGW
4.	Position of towers	BETWEEN LOC. NO.14(DB+3) &15 (DC+0)
5.	NORMAL SPAN OF CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	12 M.
7.	CROSSING SPAN	185 M.
8.	Preceding span	280 M.
9.	Succeeding span	262 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.14(DB+3) height above GL 42.225 M depth below GL 3M B) Location No.15(DC+0) height above GL 39.225 M depth below GL 3M
11.	MILE STONE NO	98-99 KM (Exact Ch-98.560)
12.	CLEARANCE OVER ROAD	15.9 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	19.225M.



Executive Engineer
Electricity Transmission Division
U.P. Power Corporation Ltd.
ALIGARH.

परियोजना निदेशक/ Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India
मुरादाबाद /Moradabad

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 14 DB+3 = 1.5 M. Location No. 15DC+0 = 1.45M
15.	Angle of road crossing	90 ⁰
16.	Distance of NH Boundary From center of tower	Loc. No. 14(DB+3) =83 Loc. No. 15 (DC+0) =67
17.	Distance from center of tower to center of road	Loc. No. 14(DB+3) = 102 M. Loc. No. 15(DC+0) = 83 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.	ACSR MOOSE (Conductor dia- 31.77MM
22.	Size of Earth Wire mm	OPGW 24 F (Overall Diameter - 12 mm)
23.	FOUNDATION TYPE	PS
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED

Y. Keshav Kumar
SP2

Executive Engineer
Electricity Transmission Division
U.P. Power Corporation Ltd
ALIGARH.

Sub-Divisional Officer
Electricity Transmission Sub. Division
U.P. Power Corporation
Khair (ALIGARH)

Gurinder
SN

परियोजना निदेशक / Project Director
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India
मुरादाबाद / Moradabad