



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. 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)

19001/1/RO-W-UP/NH-509/Sambhal-Gajraula/220KV/558

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Dated: 08.01.2021

Invitation of Public Comments

Sub: Proposal for overhead crossing of National Highway No. 509 (Aligarh-Moradabad Section) by LILO of 220KV S/C Sambhal-Gajraula, Amroha Line@400 KV S/S Sambhal between km. 172 & 173.

The Executive Engineer, ETD, UPPTCL, Sambhal has submitted the proposal through PD-Moradabad for the permission of overhead crossing of National Highway No. 509 (Aligarh-Moradabad Section) by LILO of 220KV S/C Sambhal-Gajraula, Amroha Line@400 KV S/S Sambhal between km. 172 & 173 in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the height of both structures (Transmission Towers) on which the proposed overhead line is hanging is 49.52m. The crossing span of the structure is 195m. The structures (Transmission Towers) on either side are being erected at distance of 55m & 110m respectively from either side of NH boundary. Further, the minimum vertical clearance of 24.40m 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 88° angle.

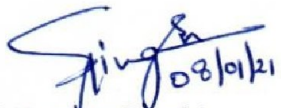
3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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 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-UP (West), Lucknow.

Encl: As above.


(Anuj Kumar Singh)
Manager (T)
For RO-UP (West)

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 Executive Engineer, ETD, UPPTCL, Sambhal: with request to submit Agreement/License deed two (02) sets in original on Non-Judicial Stamp of appropriate amount as per the format (Annex-I) appended along with the enclosure to Ministry's Guidelines dt. 22.11.2016 through proper channel.
4. The PD, PIU-Moradabad: for compliance of Sl.No.3 above.

"Building a nation, not just Roads."

CHECK-LIST

FOR NH -509 Road Crossing by LILO OF 220 KV SAMBHAL (220)-
GAJRAULA,AMROHA (220) AT 400 KV SAMBHAL 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.143 (DC+10) &144 (DC+10)
5.	NORMAL SPAN OF CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	11M.
7.	CROSSING SPAN	195 M.
8.	Preceding span	178 M.
9.	Succeeding span	210M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.143 (DC+10) height above GL 49.52 M depth below GL3.00M. B) Location No.144 (DC+10) height above GL 49.52 M depth below GL 3.00M
11.	MILE STONE NO	172-173
12.	CLEARANCE OVER ROAD <i>bn</i>	24.40 M.

Sub Divisional Officer
Electricity Transmission Subdivision
U.P. Power Trans. Corpn. Ltd.
Sambhal

Yokesh Kumar

[Signature]
Executive Engineer
Electy Transmission Dn
U.P. Power Trans. Corpn. Ltd
220 KV. Sub. Station Sirsi
Sambhal U P

[Signature]
परियोजना निदेशक/ Project Dir
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
National Highway Authority of India
मुसदाबाद /Moradabad

13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	26.1M.
14.	Height of road level above ground level measured at the foot of the structure.	Location No. 143DC+10 = 2.0M. Location No. 144 DC+10 = 2.0M
15.	Angle of road crossing	88°
16.	Distance of NH Boundary From center of tower	Loc. No. 143DC+10 = 55M Loc. No. 144 (DC+10) = 110M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 143DC+10 = 70.5M Loc. No. 144 (DC+10) = 124.5M
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 ZEBRA (Conductor dia.28.62MM
22.	Size of Earth Wire mm	OPGW 24 F (Overall Diameter - 12 mm)
23.	FOUNDATION TYPE	FS
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED

Jan
Sub Divisional Officer
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Sambhal

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My
Executive Engineer
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220 KV. Sub. Station Sirsi
Sambhal U.P.

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