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)

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19001/1/RO-W-UP/NH-334B/48.880-48.930/220KV/962 Dated: 04.10.2021

Invitation of Public Comments

Sub: Proposal for Overhead Crossing of 220 KV DC Modipuram-II - Shamli (400 KV) Transmission line on NH-709AD at Ch. No. 48+880 & Ch. 48+930 -reg.

The Executive Engineer, Electricity Transmission Division, UPPTCL, Meerut has submitted the proposal through Project Director, Baghpat for the permission of Overhead Crossing of 220 KV DC Modipuram-II - Shamli (400 KV) Transmission line on NH-709AD at Ch. No. 48+880 & Ch. 48+930 in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that structures (Transmission Towers) on either side are being erected at distance of 72.50m & 132.50m respectively from either side of NH boundary. Crossing span of the structure is 250m. Further, the minimum vertical clearance of 21.70m 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 90^0 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-West (UP).

Encl: As above.

04/10/21
(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, Electricity Transmission Division, UPPTCL, Meerut for information.
4. The Project Director, NHAI, PIU-Baghpat for information.

CHECK-LIST

FOR NH –709AD Road Crossing by 220 KV DC MODIPURAM-II 220KV SHAMLI LINE (400 KV)

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-709 AD
2.	Name of Crossing	SHAMLI-MIZAFFAR NAGAR
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES,WHETHER NEUTRAL IS EARHTED OR NOT	Rated system Voltage – 220 KV. Frequency – 50 Hz 3- Phase. Neutral effectively earthed.
4.	Position of towers	BETWEEN LOC. NO.93(DC+10) &94 (DC+10)
5.	NORMAL SPAN OF CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	7.32 M
7.	CROSSING SPAN	250 M.
8.	Preceding span	340 M.
9.	Succeeding span	310M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No. 93 (DC+10) height above GL 49.390 M depth below GL 3.00M. B) Location No. 94 (DC+10) height above GL 49.390 M depth below GL 3.00M
11.	MILE STONE NO	NA
12.	CLEARANCE OVER ROAD	21.70 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	29.215 M.

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Electricity Transmission Division
U.P. Power Transmission Corporation Ltd
MEERUT

Project Director
National Highway Authority of India
PIU-Baghpat

14.	Height of road level above ground level measured at the foot of the structure.	Location No. 93 DC+10 = 1.25M. Location No. 94 DC+10 = 1.25M
15.	Angle of road crossing	90^0
16.	Distance of NH Boundary From center of tower	Loc. No. 93(DC+10) =72.50 M Loc. No. 94 (DC+10) = 132.50 M
17.	Perpendicular distance from center of tower to center of road	Loc. No. 93(DC+10) = 95 M. Loc. No. 94 (DC+10) = 155 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 ZEBRA (Conductor dia.28.62MM
22.	OPGW	24 FIBRE
23.	FOUNDATION TYPE	FS (AS PER REQUIRED)
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED

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National Highway Authority of India
PIU-Baghpat