



# 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-509/160&161/132KV/916

दूरभाष / Phone : 0522-4960291

टेलीफैक्स / Fax : 0522-4950680

ई-मेल / E-mail : rowestup@nhai.org

rowestup@gmail.com

वेबसाइट / Website : www.nhai.gov.in

Dated: 07.09.2021

### Invitation of Public Comments

**Sub: Proposal for overhead crossing of National Highway NH-509 by 132KV S/C Babrala-Dhanari TSS Line between km. 160 & 161- reg.**

The Executive Engineer, UPPTCL, Sambhal (UP) has submitted the proposal for overhead crossing of National Highway NH-509 by 132KV S/C Babrala-Dhanari TSS Line between km. 160 & 161.

2. From the submitted proposal, it is seen that structures (Transmission Towers) on either side are being erected at distance of 80m & 85m respectively from either side of NH boundary. Crossing span of the structure is 212m. Further, the minimum vertical clearance of 14.90m 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 87° angle.

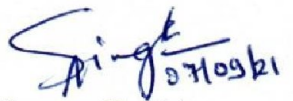
3. As per the guidelines, issued by the Ministry vide OM No.RW/NH-33044/29/2015/ S&R(R) dated 22.11.2016, the application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

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.

  
(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, UPPTCL, Sambhal (UP) for information.
4. The Project Director, NHAI, PIU-Moradabad for information.

*"Building a nation, not just Roads."*



**CHECK-LIST FOR NH -509 Road Crossing by 132 KV S/C BABRALA-DHANARI TSS**  
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	132 K.V. D/C 2 phase 50 cycles A.C. AND 1 E/W
4.	Position of towers	BETWEEN LOC. NO.24(DC+0) &25 (DC+10)
5.	NORMAL SPAN OF CONDUCTOR	380 M.
6.	MAX.SAG AT NORMAL SPAN	10.475 M.
7.	CROSSING SPAN	212 M.
8.	Preceding span	310 M.
9.	Succeeding span	174 M.
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.24(DC+0) height above GL 32.025 M depth below GL 3M B) Location No.25(DC+10) height above GL 42.025 M depth below GL 3M
11.	MILE STONE NO	161-162 KM
12.	CLEARANCE OVER ROAD	14.90 M.
13.	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	16.8M.

*Gurwinder*  
Smt

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

*Udith*  
Sub Divisional Officer  
S.T.S.D. Chaudhary  
Sambhal

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



14.	Height of road level above ground level measured at the foot of the structure.	Location No. 24 DC+0 = 3.44 M. Location No. 25DC+10 = 3.36M
15.	Angle of road crossing	87°
16.	Distance of NH Boundary From center of tower	Loc. No. 24(DC+0) = 80✓ Loc. No. 25 (DC+10) = 85✓
17.	Perpendicular distance from center of tower to center of road	Loc. No. 24(DC+0) = 99 M. Loc. No. 25(DC+10) = 113 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 PANTHER (Conductor dia.21MM
22.	Size of Earth Wire mm	9.75 MM
23.	FOUNDATION TYPE	PS
24.	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
25.	EARTHING	PIPE TYPE EARTHED

Gyaninder  
Soni

Sub Divisional Officer  
E.T.C.D. Chandausi  
Sambhal

Executive Engineer  
Electy Transmission Dn  
U.P. Power Trans. Corpon. Ltd  
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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highway Authority of India  
मुरादाबाद / Moradabad