



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-27/Km.1441.144/OH/ 1525

Dated: 05.08.2022

Invitation of Public Comments

Sub: Permission for NH-27 Overhead Crossing of Lilo of CKT-II of 220 kV Parichha TPS-Orai 220 @220 kV Sub Station Moth at Km.1441.000 - 1442.000 (Chainage No.1441.144) near Moth, District - Jhansi - reg.

The Authorized Signatory M/s EE, ETD, UPPTCL, Jhansi has submitted the proposal for NH-27 Overhead Crossing of Lilo of CKT-II of 220 kV Parichha TPS-Orai 220 @220 kV Sub Station Moth at Km.1441.000 - 1442.000 (Chainage No.1441.144) near Moth, District - Jhansi.

2. From the submitted proposal, it is seen that the position of lower is outside of NH ROW. Length of crossing Span is 248m & Towers are at a distance of 94.60m from both side of NH Boundary while height of towers is 49.570m on both side. Vertical Clearance between road level & the lowest conductor is 19.20m. Width of available ROW is 58.80m.

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.

(S.K. Sharma)

General Manager(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, ETD, UPPTCL, Jhansi, U.P. for information.
4. The PD, PIU-Kanpur for information.

Annex-(A)

CHECKLIST

FOR NH27 ROAD CROSSING BY LILO OF CKT-II OF 220KV SC PARICHHA TPS TO ORAI 220 @ MOTH 220 T/LINE,
RS INFRAPROJECT PVT.LTD

NAME OF TRANSMISSION LINE : LILO OF CKT-II OF 220KV SC PARICHHA TPS TO ORAI 220 @ MOTH 220 T/LINE

S.NO	DESCRIPTION	DETAILS
1	NATIONAL HIGHWAY NO	NH27
2	CROSSING LINE NAME	LILO OF CKT-II OF 220KV SC PARICHHA TPS TO ORAI 220 @ MOTH 220 T/LINE
3	CROSSING CHAINAGE	1441/000 - 1442/000
4	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO, OF PHASES WATHER NEUTRAL IS EARTHED OR NOT	220kv,3 PHASE DOUBLE CIRCUIT,ONE EARTH WIRE
5	POSITION OF TOWER	TOWER LOCATION AP-4/0 C60+10,TOWER LOCATION AP 5/0 C60+10
6	NORMAL SPAN OF ACSR ZEBRA CONDUCTOR	380 M
7	MAXIMUM SAG AT NORMAL SPAN	11.75 M
8	CROSSING SPAN	248.M
9	PRECEEDING SPAN WITH LOC.	LOC - 5/1(SPAN 380 M)
10	HIGHT OF TOWER STRUCTURE ABOVE GROUND AND BELOW GROUND SEPERATLY AND DETAILS OF FOUNDATION	HEIGHT OF C60+10 M TOWER ABOVE GL AT LOC NO.AP4/0 IS 49.570 M AND BELOW GL IS 3 M FOR FOUNDATION, HEIGHT OF C60+10 M TOWER ABOVE GL AT LOC NO AP5/0 IS 49.57M AND BELOW GL IS 3M FOR FOUNDATION.
11	SUCCEEDING SPAN WITH LOC.	LOC - 3/3 (SPAN 332M)
12	MAXIMUM SAG OF ACSR ZEDRA CONDUCTOR SIZE 54/3.18MM +7/3.18mm STEEL.	11.75M
13	CLEARANCE OVER ROAD	19.20M
14	HEIGHT OF LOWER CONDUCTOR FROM GROUND LEVEL AT LOCATION	29.215M
15	HEIGHT OF LOWER CONDUCTOR FROM ROAD LEVEL OF NH AT LOCATION.	19.20M
16	ANGLE OF ROAD CROSSING	88 Degree
17	DISTANCE FROM NH BOUNDARY FROM CENTER OF TOWER.	LOC NO -AP4/0=94.60M,LOC NO AP5/0=94.60M
18	PERPENDICULAR DISTANCE FROM CENTER OF TOWER TO CENTER OF ROAD.	LOC NO -AP4/0=124M,LOC NO AP5/0=124M
19	PROTECTION OF ASSEMBLY OF LINE	NO ANTI CLIMBING DEVICE PROVIDED
20	FOUNDATION TYPE	PS
21	NO OF STAY REQUIRED	NONE
22	MAX.FACTOR OF SAFETY	2
23	SIZE OF POWER CONDUCTOR	DIA-28.62MM WEIGHT=1.621KG/MTR
24	SIZE OF EARTH WIRE	DIA-7*/3.25MM WEIGHT = 0.460KG/MTR.
25	TWO LEGS OF TOWER EARTHED	PIT A & C
26	PLANE PAPER DIAGRAM	PROFILE (ENCLOSED)
27	EARTHING	PIPE TYPE

Project Director

National Highways Authority of India

Asstt. Highway Maintenance Engineer
Lion Engineering Consultants Pvt. Ltd.
Jhansi-Orai Section, NH-27

P.J.U., Kan

Team Leader

Lion Engineering Consultants Pvt. Ltd.

Sub Divisional Officer
Electricity Transmission Sub Div-III
U.P.P.T.C.L., JHANSI

Executive Engineer
Electricity Transmission Division
U.P. Power Transmission Corpn. Ltd.
JHANSI

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण, जहानपुर
D.G.M. (Tech.)
NHAI, Site Office, Jhansi