



# 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, 30 प्र० (पूर्व) वाराणसी

Regional Office - U.P. (East), Varanasi

एस- 2/656, ए-3 बी, वरुणा विहार कालोनी, द्वितीय एवं तृतीय तल, वन प्लेस टावर  
(जे०पी० मेहता सीनियर सेकेंडरी स्कूल के पीछे), सिकरौल, वाराणसी-221002 (30 प्र०)

S-2/656, A-3B, Varuna Vihar Colony, 2nd & 3rd floor, one place Tower  
(Behind J.P. Mehta Sr. Secondary School), Sikraul Varanasi-221002 (U.P.)

दूरभाष/Phone : 91-542-2280243  
: 91-542-2280372  
ई-मेल/E-mail : rovaranasi1@gmail.com  
: rovaransi@nhai.org  
वेबसाइट/Website : www.nhai.org

No. 14011/42/RO/UP(E)/2019/1447

Date: 20.01.2020

31.01.2020

### Invitation of public comments

Sub.: Proposal for National Highway (Jaunpur-Raebareli) Section of NH- 231- Proposal for granting permission for overhead crossing of 400KV DC Twin moose Transmission line from (765/400KV S/S PGCIL Varanasi) to 400KV S/S Jaunpur (U/C) (near mile stone 246/300 near Village Machhalishahar.- Reg.

The Executive Engineer, Electricity Transmission Division-II, U.P. Power Transmission Corp. Ltd., Jaunpur has submitted the proposal for NOC for overhead crossing of 400 KV line in the subject cited stretch.

2. From the submitted proposal, it is seen that the height of both proposed structures (Transmission Towers) on which the proposed overhead line is hanging is 58.788 m and 58.788 m. The structures (Transmission Towers) on either side are being erected at distance of 112 m & 122 m respectively from the centre line of National Highway. Further, the minimum clearance of 25.17 m 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 86 degree.

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).

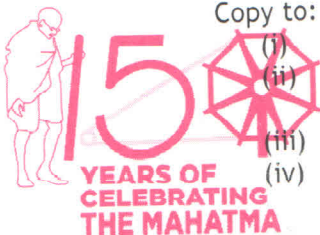
4. In view of the above, comments of the public on the above application is invited to the below mentioned address, which should reach by this office within 30 days from the date of publication beyond which no comments shall be entertained

The Chief General Manager cum Regional Officer,  
National Highways Authority of India  
Regional Office, UP-East, Varanasi  
S-2/656, A-3B, Varuna Vihar Colony,  
2nd & 3rd Floor, One Place Tower,  
Behind J.P. Mehta Sr. Secondary School,  
Sikraul, Varanasi-221002  
Email: rovaransi@nhai.org

This issue with the approval of CGM (Tech.)/RO

Encl: As above

(C.M. Dwivedi)  
General Manager (Tech.)



Copy to:

- (i)
- (ii)
- (iii)
- (iv)

Web Admin, NHAI-HQ- with request for uploading on the NHAI website  
The Technical Director, NIC, Transport Bhawan, New Delhi - with request for uploading on the Ministry's website.  
The Executive Engineer, ETD-II, UPPTCL, Jaunpur-222002 for information please  
The Project Director, NHAI, PIU-Raebareli- for information & necessary action please.



## भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

**National Highways Authority of India**

(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई / Project Implementation Unit

मकान नं० 257, वार्ड नं. 22, विष्णु नगर, रायबरेली-229001 (उ०प्र०)

H.No. 257, Ward No. 22, Vishnu Nagar, Raebareli - 229001 (U.P.)

दूरभाष / Phone : +91-535-2702526

टेलीफैक्स / Fax : +91-535-2702527

ईमेल / E-mail : pdpiuraebareilly@nhai.org  
pdpiuraebareilly@gmail.com

PIU-Rbly/NH-232/2020-OFC Cable/R-J/ 17495

Date: 07.01.2020

To,

CGM (Tech.)/Regional Officer, UP-East,  
National Highways Authority of India,  
Regional Office,  
S-2/656, A-3B, Varuna Vihar Colony, 2<sup>nd</sup> & 3<sup>rd</sup> Floor,  
One Place Tower, Behind J.P. Mehta Sr. Secondary School,  
Sikraul, Varanasi - 221002 (U.P.)

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
National Highways Authority of India  
क्षेत्रीय कार्यालय, यू.पी.-पूर्व  
Regional Office, U.P.-East  
प्राप्ति सं/Receipt No. 1414.....  
दिनांक/Date 10-01-2020

Sub: Proposal for National Highway (Jaunpur-Raebareli) NH-231 crossing by Over Head 400KV DC Twin moose Transmission line from (765/400KV S/S PGCIL Varanasi) to 400KV S/S Jaunpur (U/C) (near mile stone 246/300 near Village Machhalishahar.

Ref.: 1. Executive Engineer, UPPTCL, ETD-II, Jaunpur letter no. 545 dated 18.06.2019  
2. This office letter no. 16355 dated 28.06.2019  
3. IE, M/s Bloom Companies, LLC letter no. 279 dated 09.07.2019  
4. Executive Engineer, UPPTCL, ETD-II, Jaunpur letter no. 1068 dated 25.11.2019

Sir,

The Executive Engineer, UPPTCL, ETD-II, Jaunpur vide letter dated 18.06.2019 (Ref-1) & 25.11.2019 (Ref-4) has submitted the proposal for National Highway (Jaunpur-Raebareli) NH-231 crossing by Over Head 400KV DC Twin moose Transmission line from (765/400KV S/S PGCIL Varanasi) to 400KV S/S Jaunpur (U/C) (near mile stone 246/300 near Village Machhalishahar.

The proposal was forwarded to Independent Engineer (IE) of the above project vide letter dated 28.06.2019 (Ref-2). The IE has submitted their report vide letter dated 09.07.2019 (Ref-3).

The proposal has been examined as per the recommendation of IE, the following documents are attached for processing the permission:-

1. Proposal for NH Crossing.
2. Check List.
3. License Deed.
4. Undertakings.
5. Crossing Details, Annexure-A, B & C.
6. Route Sketch.

6. Route Sketch.

म.प्र.(तक.)-1/म.प्र.(तक.)-2/उ.म.प्र.(वि./ले.)

GURUDEV - 1 लखनौ जी-2 8 मार्च 1960 - 10, द्वारका, नई दिल्ली - 110 075 दूरभाष : +91-11-25074100/200  
40 Dwaraka, New Delhi - 110 075 Phone : +91-11-25074100/200


Head Office : Plot No. G-5 & 6, Sector-10 Dwarka, New Delhi - 110 075 Phone : +91-11-25074100/200

Head Office : Plot No. G-5 & 6,  
मु.न.प्र.(तक.) सह क्षेत्रीय अधिकारी

7. Drawing.

The original proposal in two set and one copy are being forwarded with recommendation of this office to grant the approval for National Highway (Jaunpur-Raebareli) NH-231 crossing by Over Head 400KV DC Twin moose Transmission line from (765/400KV S/S PGCIL Varanasi) to 400KV S/S Jaunpur (U/C) (near mile stone 246/300 near Village Machhalishahar.

Encl. : As above.

  
07.01.20  
(Nitin Chowdhary)  
✓ DGM (Tech.)/Project Director





29773

**Office of the Executive Engineer**

11-12-2019

Electricity Transmission Division-II

U.P Power Transmission Corporation Limited

Jaunpur- 222002

E.Mail ID:-ceetdjnpr2@upptcl.org

Mobile: 8887146213

Letter No: 1068/ETD-II(J)/

Date 25/11/2019

Sub: Resubmission of proposal for National Highway-231 (Jaunpur- Raibareilly) crossing by Over head 400 KV DC Twin moose Transmission line from 765/400KV S/S PGCIL Varanasi to (U/C) 400 KV S/S Jaunpur.

DGM (T) /PD

House No. -784, Vishnu Nagar

Opp- Satyam Hospital,

Raibareilly.

Sir,

Please refer to this office Letter No- 545/ETD-II(J), Date- 18.06.2019 vide which the proposal for NH-231 crossing by under-construction 400 KV DC Twin Moose Transmission Line from 765/400 KV S/S PGCIL Varanasi to 400 KV S/S Jaunpur was sent. The joint inspection of which was conducted on 06.07.2019 by NHA representatives, UPPTCL field officer and M/s R.S Infra projects Ltd. surveyor. (Refer your Letter No- NHA/1/PLU-Rbly/ NH-231/2019/16355, Date- 28.06.2019)

Detail of the proposed crossing of under construction 400 KV D/C Twin Moose Transmission Line from 765/400 KV S/S PGCIL Varanasi to 400 KV S/S Jaunpur is as below.

1. Jaunpur-Raibareilly National Highway (NH-231) near mile stone 246/300 near village Machhalishahar.

In this regard, a proposed for this NH-231 crossing is being resubmitted and enclosed in prescribed format for your kind approved and further necessary action, please.

Enclosed: All relevant document and drawings of above crossing in 4 set of Proposal.

*A Singh*  
(Ajay Kumar Singh)  
Executive Engineer

Letter No: /ETD-II(J)/

Date

Copy forwarded to following for information and necessary action:

1. Chief Engineer (T-NE) UPPTCL, 132 KV Sub- Station Mohaddipur, Gorakhpur.
2. Chief Engineer D&P UPPTCL, Lucknow.
3. Chief Engineer (765KV), UPPTCL 15<sup>th</sup> Floor Shakti Bhawan, Extension Lucknow.
4. Superintending Engineer Electy Trans. Circle Hafizpur. Azamgarh.
5. Superintending Engineer, Electricity 400 KV Sub-Station Design Circle- 11<sup>th</sup> Floor Shakti Bhawan. Extension Lucknow.
6. Sub Divisional Officer, ETD-II Jaunpur.

*/*  
(Ajay Kumar Singh)  
Executive Engineer

*S. S. S. S.*



## Office of the Executive Engineer

Electricity Transmission Division-II  
U.P Power Transmission Corporation Limited  
Jaunpur- 222002

E-Mail ID: [ecetdjinpr2@upptcl.org](mailto:ecetdjinpr2@upptcl.org)

Mobile: 8887146213

Date 18/06/2019

Letter No: 545 /ETD-II(J)/

Sub: Submission of proposal for National Highway (Jaunpur- Raibareilly) NH-231 crossing by Over head 400 KV DC Twin moose Transmission line from (765/400KV S/S PGCIL Varanasi) to 400 KV S/S Jaunpur (U/C).

DGM (T) /PD  
House No. -784, Vishnu Nagar  
Opp- Satyam Hospital,  
Raibareilly.

Sir,

This is kindly to inform you that U.P Power Transmission Corporation Limited is constructing 400 KV DC Twin moose Transmission Line ( 765/400KV S/S PGCIL Varanasi) to 400 KV S/S Jaunpur.

This Transmission Line emanating from (765/400KV S/S PGCIL Varanasi) switchyard traverses through various terrain and shall crosses Jaunpur-Raibareilly National Highway (NH-231) between mile stone (246/300) near village Machhalishahar under your Jurisdiction, which requires your further permission and necessary clearance. Details of proposed crossing are as below.

1. Jaunpur- Raibareilly National Highway (NH-231) between mile stone (246/300) near village Machhalishahar.

In this regard, a proposal for this NH-231 is being enclosed and submitted in prescribed format for your kind approval and further necessary action, please.

End. All Relevant document and drawings of above crossing in 4 set of Proposal.

*A Singh*  
O/c (Ajay Kumar Singh)  
Executive Engineer

Letter No: 545 /ETD-II(J)/

Date 18/06/2019

Copy forwarded to following for information and necessary action:

1. Chief Engineer (T-NE) UPPTCL, 132 KV Sub- Station Mohaddipur, Gorakhpur.
2. Chief Engineer D&P UPPTCL, Lucknow.
3. Chief Engineer (765KV), UPPTCL 15<sup>th</sup> Floor Shakti Bhawan, Extension Lucknow.
4. Superintending Engineer Electy Trans. Circle Hafizpur, Azamgarh.
5. Superintending Engineer, Electricity 400 KV Sub-Station Design Circle- 11<sup>th</sup> Floor Shakti Bhawan, Extension Lucknow.
6. Sub Divisional Officer, ETD-II Jaunpur.

*A Singh*  
O/c (Ajay Kumar Singh)  
Executive Engineer



## CHECK-LIST

**FOR NH -231 ROAD CROSSING BY construction of 400 KV D/C T/L  
FROM 400KV S/S JAUNPUR (U/C) TO VARANASI 765KV PGCIL S/S  
TRANSMISSION LINE**

S.NO.	DESCRIPTION	DETAILS
1.	National Highway Number	NH-231
2.	Name of Crossing	RAIBAREILLY -JAUNPUR
3.	SYSTEM OF SUPPLY (i.e VOLTAGE) FREQUENCY NO.OF PHASES, WHETHER NEUTRAL IS EARTHED OR NOT	400K.V.D/C 6 phase 50 cycles A.C. AND 2 EARTHWIRE
4.	Position of towers	BETWEEN LOC. NO.198 (DD+9) & 199 (DD+9)
5.	NORMAL SPAN AT LAPWING CONDUCTOR	400 M.
6.	MAX.SAG AT NORMAL SPAN	13.412 M.
7.	CROSSING SPAN	M.234 ✓
8.	Preceding span	274 M. ✓
9.	Succeeding span	384 M. ✓
10.	Height of structure above ground and below ground separately and details of foundation	A) Location No.198 (DD+9) height above GL 58.788 M depth below GL 3.00M. B) Location No.199(DD+9) height above GL 58.788 M depth below GL 3.00M
0		
11	CLEARANCE OVER ROAD	25.17 M. ✓
12	Height above ground level of (1) Lowest conductor on insulator and (2) guard wire on bracket above ground level	31.252M.

R.S. INFRAPROJECTS PVT. LTD.

Authorized Signatory

प्रबन्धक (तकनीकी)  
प० का० ई०, रायबरेली  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

परियोजना निदेशक  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)  
परियोजना कार्यान्वयन इकाई  
रायबरेली

Executive Engineer  
Electy Trans. Division-II  
UPPTCL, Jaunpur

13	Height of road level above ground level measured at the foot of the structure.	Location No. 198 DD+9 = 0.70.M. Location No. 199 DD+9 = 2.5 M
14	Angle of road crossing	86° 26' 20"
15	Distance from NH Boundary From center of tower	Loc. No. 198 (DD+9) = 98 M. Loc. No. .199 (DD+9) = 107 M
16	Perpendicular distance from center of tower to center of road	Loc. No. 198(DD+9) = 112 M. Loc. No. .199 (DD+9) = 122 M
17	Protection of assembly to the line	Anti Climbing devices provided
18	No. of stay required	NO.
19	Minimum Factor of Safety	2.0(NORMAL CONDITION)
20	Size of power conductor mm.	ACSR MOOSE (Conductor dia.31.77 MM Steel 42/4.57 STEEL:7/2.54
21	Size of Earth Wire	Steel 7/3.66mm
22	FOUNDATION TYPE	FS
23	PLAN PAPER DIAGRAM	PROFILE(ENCLOSED)
24	EARTHING	PIPE TYPE EARTHED

R.S. INFRAPROJECTS PVT. LTD.

*[Signature]*  
Author

*[Signature]*  
प्रबन्धक (तकनीकी)  
प० का० ई०, रायबरेली  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)

*[Signature]*  
**Executive Engineer**  
Electy Trans. Division-II  
UPPTCL, Jaunpur

*[Signature]*  
परियोजना निदेशक  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)  
परियोजना कार्यान्वयन इकाई  
रायबरेली