



On India Government Service  
भारत सरकार सेवार्थ

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
परियोजना कार्यान्वयन इकाई, अलीगढ़  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways, Govt. of India)  
Project Implementation Unit, Aligarh



Building a Nation,  
Not Just Roads  
सड़क निर्माण ही नहीं,  
राष्ट्र निर्माण भी।

Village-Bhikampur, At Km 132.400 RHS on NH-34, Aligarh Bypass, Aligarh - 202001 (U.P.)

ग्राम-भीकम्पुर, एन.एच-34 के 132.400 कि०मी० आर०एच०एस० पर, अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)  
Mob: +91-81300 06255 | Email : aligarh@nhai.org | nhaiuibs001@gmail.com

NHAI/PIU-ALG/44016/GAP/2024/D- 23015

14.11.2024

**Invitation of Public Comments**

**Sub: Proposal for permission of laying of 33/11 KV electric line on NH-34 (Ghaziabad-Aligarh Section) from Km.143.550 (Agra Road) to Km.150.150 (Boner) including 01 no. crossing at Km.144+280 in District- Aligarh in the State of Uttar Pradesh.**

Executive Engineer, Electricity Urban Distribution Division-I, DVVNL-Aligarh submitted the proposal for permission of laying 33/11KV electric line from Km. 143+550 (Agra Road) to Km. 150+150 (Boner) including 01 no. crossing at Km. 144+280 at Ghaziabad-Aligarh section of NH-34 in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the overhead erection length is proposed 5380m and underground laying length 1220m & crossing of 60m. Further, the depth of Pipeline below the road level will be 1.8m (minimum).

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 Project Director,  
National Highways Authority of India**

Project Implementation Unit- Aligarh  
Village- Bhikampur, At Km. 132.400 (RHS) on NH-34,  
Aligarh Bypass, Aligarh -202001 (U.P.)

**Encl:** As above.

  
**(Indresh Kumar)**  
Project Director

**Copy to:**

1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website. (Email: mansoor@nic.in)
3. Regional Officer (W-UP), NHAI-Lucknow for kind information.
4. Executive Engineer, EUDD-I, DVVNL-Aligarh for information.  
(Email: xen.urbanaligarh1dvvn.org, eeuedd1alg@gmail.com)



कार्यालय अधिशासी अभियन्ता विद्युत नगरीय वितरण खण्ड-प्रथम, अलीगढ़  
दक्षिणांचल विद्युत वितरण निगम लिमिटेड,

सासनी गेट, अलीगढ़-202001

ई-मेल: xen.urbanaligarh1@dvvn.org, eeeudd1alg@gmail.com

पत्रांक:

दिनांक 05.10.2024

सेवा में,

परियोजना निदेशक,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण,

ग्राम-भीकमपुर, किमी 132.400, रा0रा0-34,

अलीगढ़ बाईपास, अलीगढ़-202001

विषय: 33के0वी0 विद्युत पारेषण उपकेन्द्र, बौनेर से 33/11के0वी0 विद्युत उपकेन्द्र, सासनी गेट, अलीगढ़ तक नवीन 33के0वी0 लाइन राष्ट्रीय राजमार्ग-34 के किमी 143.550 (आगरा रोड़) से किमी 150.150 (बौनेर विद्युत उपकेन्द्र) के मध्य स्थापित करने हेतु अनुमति प्रदान करने के सम्बन्ध में।

महोदय,

अवगत कराना है कि कार्यालय मुख्य अभियन्ता, द0वि0वि0नि0लि0, द्वारा प्रदत्त स्वीकृति के अनुसार 33के0वी0 विद्युत पारेषण उपकेन्द्र, बौनेर से 33/11के0वी0 विद्युत उपकेन्द्र, सासनी गेट, अलीगढ़ तक नवीन 33के0वी0 लाइन का स्थापन किया जाना प्रस्तावित है। उक्त 33के0वी0 पृथक लाइन कार्य हेतु रा0रा0-34 के किमी 143.550 से किमी 150.150 तक मार्ग के समानान्तर उपरगामी व भूमिगत निर्माण किया जाना है।

उक्त कार्य की अनुज्ञा हेतु प्रस्ताव, सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार के दिशा-निर्देशानुसार तैयार कर प्रस्तुत किया जा रहा है। अतः उपरोक्तानुसार नवीन 33के0वी लाइन निर्माण/स्थापन हेतु अनुमति प्रदान करने का कष्ट करें, जिससे कि उक्त लाइन का निर्माण कार्य यथाशीघ्र पूर्ण किया जा सके।

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
अलीगढ़-अलीगढ़

पत्रांक 39834

दिनांक 26/10/2024

अनुज्ञा हेतु प्रस्तुत

प्रकार	✓
साई	
इंजीनियरिंग	
संरचना	
गणना/प्रमाण	

Ind. 28/10

SE-11

28/10

भवदीय,

अधिशासी अभियन्ता,  
विद्युत नगरीय वितरण खण्ड-प्रथम,  
द0वि0वि0नि0लि0 सासनी गेट, अलीगढ़

**CHECK – LIST**

**Proposal for permission to laying/erection of 33 KV HT line from Ch.143+550 (Agra Road VUP) to Ch.150+150 (Near 33KV Boner Sub-Station) in Crossing at Ch.144+280 under Distt.-Aligarh in the State of**

**Relevant circulars**

- Ministry Circular No. RW/NH/33044/27/2005/S&R(R)(Pt.) dated 07.08.2013.
- Ministry Circular No. RW/NH-33044/29/2015/S&R/(R) dated 22.11.2016.
- Ministry Circular No. 36094/01/2022-S&R(P&B) dated 17.04.2023.

S. No.	Item	Information / Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant	<b>Executive Engineer,</b> EUDD-1, DWNL, Sasni Gate, Aligarh (U.P.)	
1.2	National Highway Number	NH-91 (New NH-34)	
1.3	State	Uttar Pradesh	
1.4	Location	Near Village- Rustampur Sakhat, Parhiyawali, Nagla Pankhani, Alinagar, Rahmatpur Garhmai & Boner	
1.5	(Chainage in Km.)	Ch.143+550 to Ch. 150+150 Road Crossing at Ch.144+280	
1.6	Length in Meter	6660 Meter (O/H=5380Mtr. & U/G=1280Mtr.)	
1.7	Width of available ROW	60 & 46.5 Meter	
1.8	Side of NH (left or right side of NH towards increasing Chainage /KM/ Direction)	<ul style="list-style-type: none"> <li>• From Ch.143+550 to Ch.144+280 (LHS),</li> <li>• From Ch.144+280 to Ch.150+150 (RHS)</li> <li>• Road Crossing Ch.144+280</li> </ul>	
1.9	Highway Administration Address	Regional Officer, National Highways Authority of India, 3/248, Vishal Khand, Gomti Nagar, Lucknow	
1.10	Proposal to acquire land	N/A	
	(a) Left side from centre line	N/A	
	(b) Right side from Centre line	N/A	



Adil  
Site En

परियोजना निदेशक / Project Director

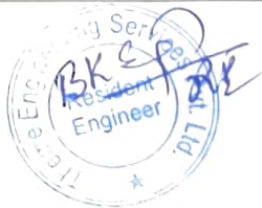
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India  
प्रियतम कार्यालय इकाई-अलीगढ़ / Project Implementation Unit-Aligarh

अधीक्षक अभियन्ता

विद्युत नगरीय वितरण खण्ड-प्रथम  
सासनी गेट, अलीगढ़

1.11	Whether proposal is in the same side where land is not to be acquired	N/A	
	If not then where to lay the cable	N/A	
1.12	Details of already laid services, if any, along the proposed route	N/A	
1.13	Number of lanes (2/4/6/8) existing	4/6 lane	
1.14	Proposed Number of lanes (2 lane with paved shoulder/4/6/8 lanes)	-	
1.15	Service Road existing or not	Yes	
	If yes then which side	Both side from Ch.143+550 to 144+100	
	(a) Left side from center line	Yes	
	(b) Right side from Centre line	Yes	
1.16	Proposed Service road	N/A	
	(a) Left side from center line	-	
	(b) Right side from Centre line	-	
1.17	Whether proposal to lay 33KV electric line is service road and main carriageway.	Edge of ROW (Service road & MCW)	
1.18	The permission of laying of 33KV HT line shall be considered for approval/rejection based on the Ministry Circular mentioned as above	Yes	
	(a) Carrying of Sewage/ electric line on highway bridges shall not be permission as Fumes/ electric line can accelerate the process of corrosion or may cause explosion, thus, being much more injurious than fault of electric line.,	N/A	
	(b) Carrying of electric line on bridge shall not be discouraged. However, if the electric Authorities seem to have no other viable alternative and approach the highway authority will in time before the design of the bridge if finalized, they may be permitted to carry the electric on independent superstructure, supported on extended portions of piers and abutment in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repair etc.	N/A	
	(c) Cost of required extension of the sub-structure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities.	N/A	

Adil  
Site En



Index -

परियोजना निदेशक / Project Director

महानगर विकास प्राधिकरण / National Highways Authority of India

परियोजना कार्यान्वयन इकाई-अलीगढ़ / Project Implementation Unit-Aligarh

अधिसूची अमियन्ता

विद्युत नगरीय वितरण खण्ड-प्रथम  
सासनी गेट, अलीगढ़

	(d) Services are not being allowed indiscriminately on the parapet/ any part of bridges, Safety of the bridges has to be kept in view while permitting various service along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only	N/A	
1 19	If crossing of the road involved. If yes, it shall be done by HDD method or through structure or conduits specially built for that purpose of the expenses of the agency owning the line.	Yes	
	(a) Existing drainage structure shall not be allowed to carry the lines.	Agreed	
	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. DVVNL shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to tope of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	Yes	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	N/A (HDD method will be used concurring with HDPE pipe of 160mm dia for U/G laying)	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carriage pipe/cable.	N/A (HDD method will be used concurring with HDPE pipe of 160mm dia for U/G laying)	
	(e) End of the casing/ conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	N/A (HDD method will be used concurring with HDPE pipe of 160mm dia for U/G laying)	
	(f) The carrier pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Agreed	

Signature



Signature

	(g) The top of the carrier pipe/line should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts.	Agreed	
	(h) Crossing shall be done by HDD method specially where	Crossing by HDD Method	
	(i) The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of waterway along it.	Agreed	
2	Documents / Drawing enclosed with the proposal	Yes, 04 sets of proposal	
2.1	Cross section of trench for open trenching method (is it normal size of 1.2m dept/0.3m wide)	N/A	
	i) Should not be greater than 60cm wider than the outer diameter of the pipe.	N/A	
	ii) Location as closer to the extreme edge of the right-of-way as possible but not less than 15 meter from the center line of the nearest carriageway.	N/A	
	iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges.	N/A	
2.2	Cross section showing the size of pit and location of cable for HDD method	Shown in the enclosed drawing	
2.3	Strip plan/ Route plan showing Water Supply pipe line/ Electrical cable Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersecting cross drainage work etc.	Strip plan/ Drawing enclosed.	
2.4	Methodology for laying of showing electric line etc.	Overhead line/pole & underground electric line work will be done inside the edge of ROW	
2.4.1	Open Trenching method (May be allowed in utility corridor only where perimeter is neither cement concrete type. If yet, Methodology of refilling of trench.	N/A	
	a) The trench width should be at least 30cm, but not more than 60cm wider than the out diameter of the pipe	N/A	

File  
Sd/-



Signature

	b) For filling of the trench, Bedding shall be to depth of nor less than 30cm it shall consist granular material unsuitable soil and rock edge should be excavated and replaced by selected material.	N/A	
	c) The back shall be completed two stages (i) side fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.	N/A	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.	N/A	
	e) The road crust shall be bould to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	N/A	
	f) The excavation shall be protected by flagman, signs and barricades and red-light during night hours.	Agreed	
	g) If required, a diversion shall be constructed at the expenses of agency owning the utility line	Agreed	
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes (for crossing/ parallel XLPE Cable)	
2.4.3	Laying of Electric line through CD work and method of laying	-	
	(a) The utility services shall cross the National Highway preferably on a line normal to it of as nearly so as practicable and subject to all other stipulation contained in this Ministry's guidelines issued on dated 22.11.2016	Yes	
3	Draft License Agreement signed by to witnesses	Enclosed	
4	Performance Bank Guarantee in four of NHAI has to be obtain @ Rs..... per running meter, for period one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/ making good the excavated trench for laying the cable by proper filling and compaction, clearing debris/ loose earth produced due to execution for	Shall be submitted, as demanded by NHAI	

Adi  
Site En



Gang

	trenching at least 50 meters away from the edge of the right of way No payment shall be payable by the NHAI to the licensee for clearing debris/ loose earth.		
4.1	Performance BG as per above is to be obtained	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
5	Affidavit/ Undertaking from the Applicant for		
5.1	Not to Damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NHAI guidelines	Yes	
5.4	Shifting of Electric line as and when required by NHAI at their own cost.	Yes, it will be carried out if required	
5.5	Shifting due to widening of NH	Yes	
5.6	Indemnity against all damages and claims Clause (xxiv)	Yes	
5.7	Traffic movement during laying/ erection of electric line to be managed by the applicant.	Yes, the same will be managed at the time of work execution.	
5.8	If any claim raised by the Concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work installation, shifting or repairs or alteration to the showing electric line located in the National Highway right-of-way	Yes, Necessary permission to be taken before starting the work.	
5.10	Expenditure, if any, incurred by NHAI for repairing and damage caused to the National Highway by the laying, maintenance or shifting of the electric line will be borne by the agency owning the line.	Yes	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement or repair to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format	-	

File  
Site En.



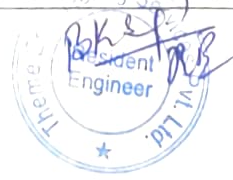
*[Handwritten Signature]*

अधिसासी अभियन्ता  
विद्युत नगरीय वितरण खण्ड-प्रथम  
सासनी रोड, अलीगढ़

परियोजना निदेशक/Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण/National Highways Authority of India  
परियोजना कार्यान्वयन इकाई-अलीगढ़/Project Implementation Unit-Aligarh

	(i) Laying of electric line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.	Yes	
	(ii) for widening - "We do undertake that I will relocate, service road/ approach road/ utilities at my own cost notwithstanding the permission granted with such time as will be stipulated by NHAI" for future widening or any other development.	Yes, it will be certified	
6	Who will sign the agreement	<b>Executive Engineer, EUDD-1, DVVNL, Sasni Gate, Aligarh</b>	
7	Certificate from the Project Director	N/A	
7.1	Certificate for confirming of all standard condition issued vide ministry various circulars	Enclosed	
7.2	Certificate from PD in the following format:	Yes	
	(i) It is certified that any other location of the Electrical line would be extremely difficult and unreasonable costly and the installation of Electric line within Row will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.		
	(ii) For 6 - lanning (a) Where feasibility is available "I do certify that there will be no hindrance to 6 laning based on the feasibility report considering proposed structures at the side location". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six laning".		
8	If NH section proposed to be taken up by NHAI on BOT basis - a Clause is to be inserted in the alignment. "The permitted Highway on which Licensee has been granted the right of lay cable/ duct has also been granted as a right of way to the Concessionaire under the Concession Agreement for up-gradation of Ghaziabad - Aligarh Section and therefore, the licensee shall honour the same".		

*Site En.*



*Ind. 28 -*

परियोजना निदेशक / Project Director  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India  
परियोजना कार्यान्वयन इकाई-अलीगढ़ / Project Implementation Unit-Aligarh

*Quip*

अधिसूची अभियन्ता  
नगरीय वितरण खण्ड-प्रथम  
सासनी गेट, अलीगढ़

9	Who will supervise the work of Erection/UG crossing of 33KV HT line ?	<b>Executive Engineer, EUDD-1, DVVNL, Sasni Gate, Aligarh</b>	
	Who will ensure that the defects in road portion after Erection of 33KV HT line are correct and if not correct then what action shall be taken.		
	Who will pay the claims for damages done/disruption in working of Erection of 33KV HT line, if asked by the Concessionaire.		
	A certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed Performa (copy enclosed) issued vide Ministry Circular No. RW/NH-33044/27/2005/S&R (R)(Pt.) dated 07.08.2013.	N/A	
	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular No. RW/NH-33044/27/2005/S&R (R)(Pt.) dated 07.08.2013) as referred in para 13 above in enclosed or not.	N/A	

The ROW of the National Highway available at the proposed location from the centre line of divided carriageway is 60m from centre of ROW edge of ROW towards proposed electric utility.

The above particular along with the drawing and document has been verified and certified as cored as per prevailing site condition.

*Adil  
Site En.*

*Ind. al -*  
परियोजना निदेशक / **Project Director**  
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India  
परियोजना कार्यान्वयन इकाई-अलीगढ़ / Project Implementation Unit-Aligarh

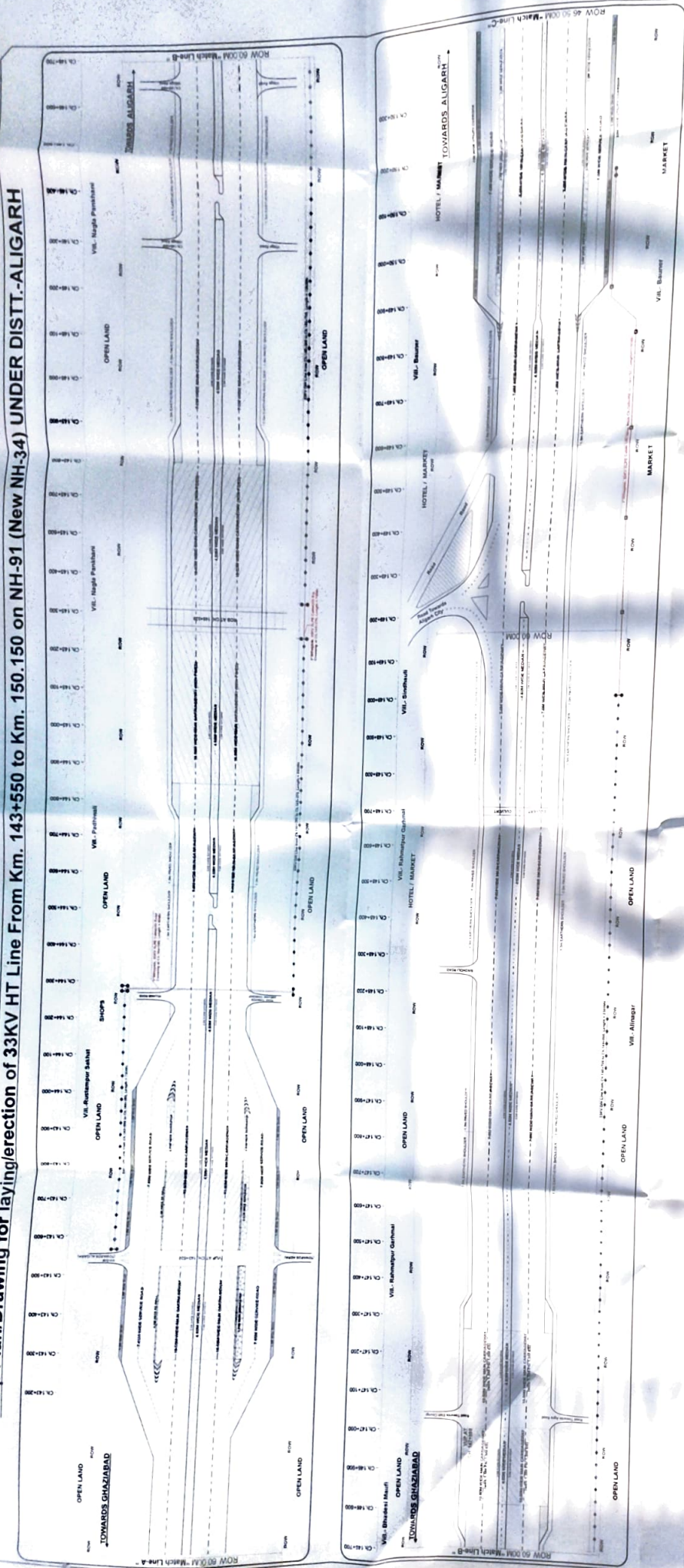
<b>Executive Engineer</b> <b>Electricity Urban Distribution Division-1,</b> DVVNL-Aligarh (Uttar Pradesh).	<b>Project Director,</b> National Highway Authority of India, PIU-Aligarh
--	---



*Ques*

अधिसासी अभियन्ता  
विद्युत नगरीय वितरण खण्ड-प्रथम  
सासनी गेट, अलीगढ़

...drawing for laying/erection of 33KV HT Line From Km. 143+550 to Km. 150.150 on NH-91 (New NH-34) UNDER DISTT.-ALIGARH



**NOTES:**

- DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS
- DRAWINGS PREPARED AS PER MORT&H GUIDELINES F. NO. RW/NH-33044/29/2015&RR DATED 22.11.2016

**LEGENDS:**

- | ROUTE                                     | From Km 143-550 to Km 150+150 |
|---|-------------------------------|
| ROW                                       | RIGHT OF WAY                  |
| 13M STP SINGLE POLE STRUCTURE             | (160 Nos.)                    |
| 13M STP DOUBLE POLE STRUCTURE             | (08 Nos.)                     |
| 33KV UNDERGROUND LINE                     |                               |
| 33KV OVER HEAD LINE OF HT POLE            |                               |
| LENGTH 33KV OH LINE                       | 5380 METER                    |
| LENGTH 33KV U/G LINE (Including Crossing) | 1280 METER                    |

SIGNATURE: PROJECT DIRECTOR, NHAI



**APPLICANT SIGNATURE:**

**EXECUTIVE ENGINEER,**  
Electricity Urban Distribution Division-1,  
DVVNL, Sasni Gate, Aligarh - 202001

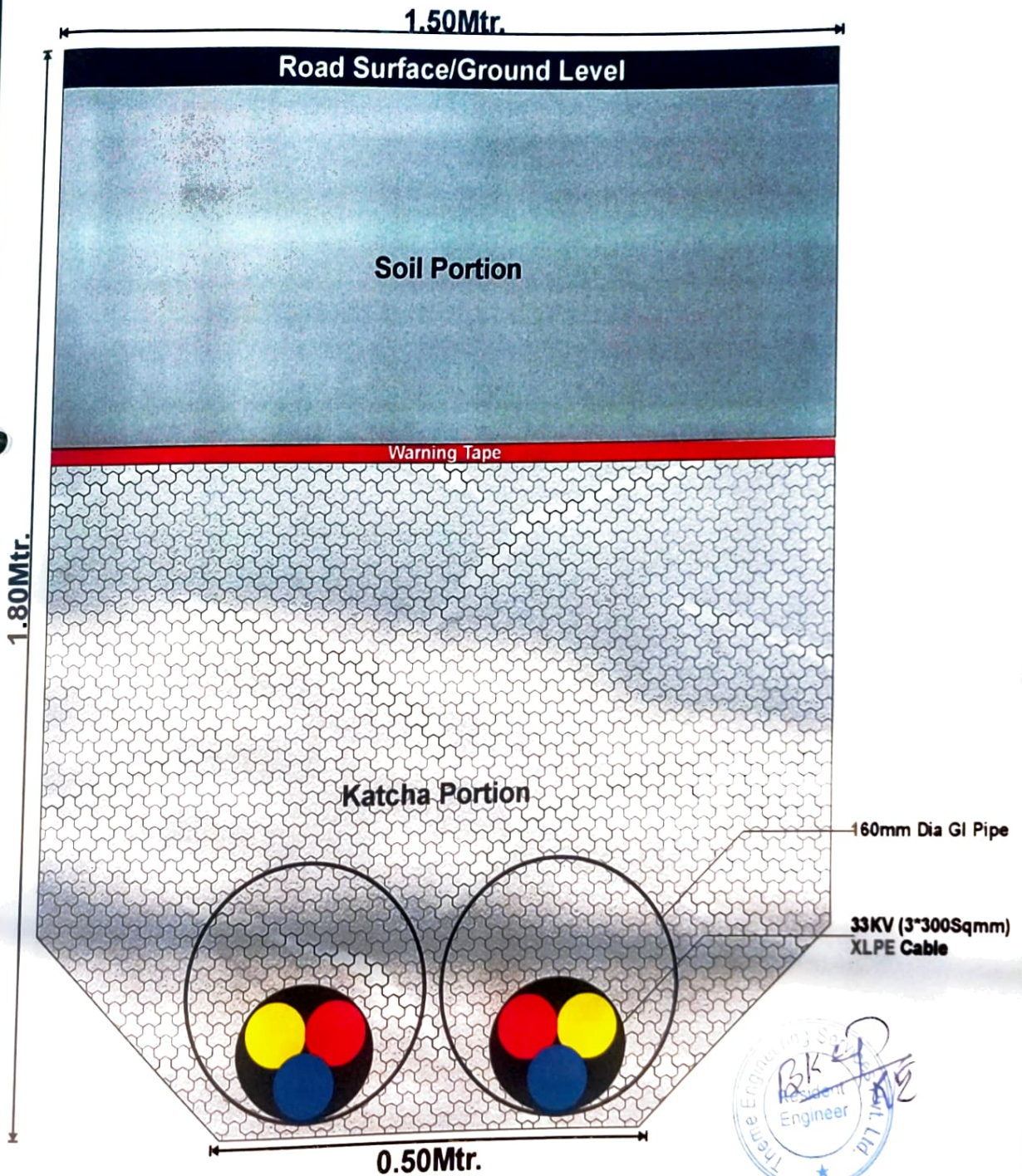
**TOTAL:**

**PERMISSION FOR LAYING/ERECTION OF 33KV HT LINE FROM KM.143+550 (AGRA ROAD) TO KM.150+150 (33KV SUB-STATION, BONA) INCLUDING 01 NO. U/G ROAD CROSSING AT C/O NH-34 UNDER DISTT.-ALIGARH IN THE STATE OF UTTAR PRADESH.**

University Address / Project Location

# CROSS SECTION OF HDD PIT FOR 33KV UNDERGROUND CABLE LAYING

64

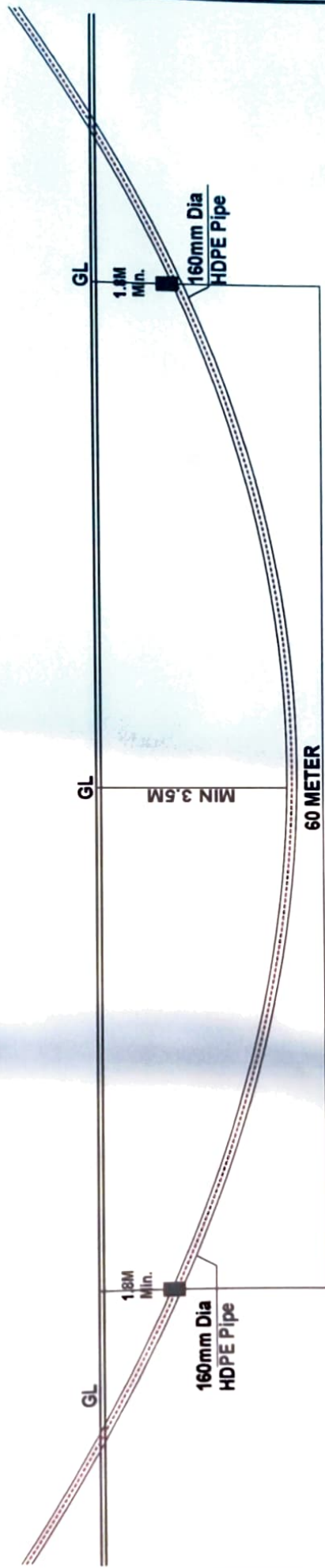


**APPLICANT SIGNATURE:**

*[Signature]*  
**EXECUTIVE ENGINEER,**  
 Electricity Urban Distribution Division-1,  
 DVVNL, Sasni Gate, Aligarh - 202001



# **U/G ROAD CROSSING OF 33KV XLPE CABLE ALONG WITH 160MM DIA HDPE PIPE ON NH-34 AT CH. 144+280**



**APPLICANT SIGNATURE:**

*[Signature]*  
**EXECUTIVE ENGINEER,**  
 Electricity Urban Distribution Division-1,  
 DVVNL, Sasni Gate, Aligarh - 202001  
 सासनी गेट, अलीगढ़

