



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, उ०प्र० (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), सिक्राऊल, वाराणसी-221002 (उ०प्र०)

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

Date: 08.02.2021

No. 14011/42/RO/UP(E)/2021/3897

Invitation of public comments

Sub.: Proposal for granting Permission for underground crossing by HDD method of water supply pipeline (HDPE) of NH-128 (old NH-232), Tanda-Sultanpur Section at KM 16.253, KM 16.700 & KM 20.645 at Akbarpur & district-Ambedkar Nagar.

The EE, Construction Division, U.P. Jal Nigam-Ambedkar Nagar has submitted proposal through PIU-Raebareli letter No. 20156 dated 28.12.2020, for granting Permission for underground crossing by HDD method of water supply pipeline (HDPE) of NH-128 (old NH-232), Tanda-Sultanpur Section at KM 16.253, KM 16.700 & KM 20.645 at Akbarpur & district-Ambedkar Nagar at subject cited chainages/ stretch through HDD method.

2. From the submitted proposal, it is seen that the utility will be laid across the NH through trenchless (HDD) method and will be laid at the extreme edge of ROW at the depth of minimum 1.65m from surface of road at KM 16.253, KM 16.700 & KM 20.645. The width of ROW from centre line at the crossing/laying stretch location is 15 M on either side. In this connection, Executive Engineer, Construction Division, U.P. Jal Nigam-Ambedkar Nagar has undertaken that they will ensure all safety measures while executing the work.

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 Regional Officer, UP-East
National Highways Authority of India
S-2/656, A-3B, Varuna Vihar Colony,
2nd & 3rd Floor, One Place Tower,
Sikraul, Varanasi-221002
email ID: rovaransi@nhai.org

This issue with the approval of Regional Officer.

Encl: As above

(P.K. Srivastava)
Dy. General Manager (Tech.)

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. Project Director, NHAI, PIU-Raebareli for obtaining final Receipt of Fee Deposition in 'Bharat Kosh' Portal.
4. Executive Engineer, Construction Division, U.P. Jal Nigam-Ambedkar Nagar for information.

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड उ0प्र0 जल निगम, अम्बेडकरनगर।

पत्रांक 2533 / कार्य-23 / 222 दिनांक-04/12/2020

सेवा में,

परियोजना प्रबन्धक PIU,
राष्ट्रीय राजमार्ग प्राधिकरण भारत सरकार,
म0नं0-257, वार्ड नं0-22, विष्णु नगर,
रायबरेली-229001.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना का नाम 122, रायबरेली
प्राप्ति संख्या 32820
फाइल संख्या
दिनांक 08-12-2020

विषय :-

Proposal for permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda-Sultanpur Section at Km.16.253, Km.16.700 & Km.20.645 Akbarpur & District- Ambedkar Nagar, Uttar Pradesh.

महोदय,

उपरोक्त विषयक इस खण्ड के पत्र संख्या 2410/कार्य-23/206 दि0 07.11.2020 का अवलोकन करने का कष्ट करें जिसमें खण्ड द्वारा आपके पत्र संख्या 12026/1/NHAI/PIU-Rbly/NOC/2020/19148 Date 31.08.2020 के द्वारा अनापत्ति प्रमाण पत्र हेतु रू0 27992.00 लाइसेन्स फीस एवं रू0 9000.00 परफार्मेन्स सिक्योरिटी बैंक गारण्टी के रूप में धनराशि की मांग की गई थी जिसके संदर्भ में लाइसेंस फीस आपके द्वारा उपलब्ध कराये गये Current account of RPAO (NH), MOST, at Syndicate Bank, Hazratganj, Lucknow, Account No. - 85043020000077, IFSC Code - SYNB0008504 में जमा करा दिया गया है जिसका UTR No. UBINJ20305747236 Date 31-10-2020 (रसीद की छायाप्रति संलग्न) है तथा रू0 9000.00 परफार्मेन्स सिक्योरिटी यूनियन बैंक आफ इण्डिया अकबरपुर अम्बेडकरनगर की बैंक गारण्टी नं0 53760IGL0000320 Date 06-11-2020 (छायाप्रति संलग्न) आपको प्रेषित की गई थी। परन्तु वर्तमान तक टाण्डा सुल्तानपुर सेक्शन पर कासिंग हेतु अनापत्ति प्रमाण पत्र प्राप्त नहीं हुआ है।

अतः आपसे पुनः अनुरोध है कि अनापत्ति प्रमाण पत्र शीघ्र उपलब्ध कराने का कष्ट करें जिससे कि कासिंग कार्य पूर्ण कर पेयजल आपूर्ति प्रारम्भ की जा सके।

संलग्नक :- 1. यू0टी0आर0 रसीद की छायाप्रति।
2. बैंक गारण्टी की छायाप्रति।

ध्वदीय
(विकार हुसैन)
अधिशासी अभियन्ता

पृ0सं0 एवं दिनांक उपरोक्तानुसार।

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

1. मुख्य अभियन्ता (गो0क्षे0) उ0प्र0 जल निगम गोरखपुर।
2. अधीक्षण अभियन्ता, निर्माण मण्डल उ0प्र0 जल निगम अयोध्या।
3. श्री अमन यादव, सहायक अभियन्ता इस निर्देश के साथ कि व्यक्तिगत सम्पर्क कर अनापत्ति प्रमाण पत्र प्राप्त करना सुनिश्चित करे।

अधिशासी अभियन्ता



Y.P.
N. Arpt.
1/11/20
21/08

कार्यालय - 05271-245002
मो० नं० - 9473942714

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड, उ० प्र० जल निगम, अम्बेडकरनगर

Email ID- eeupjn.cdambhedkarnagar@gmail.com

Letter No. - 1688 / प्रकल्प-23 / 143 /

Dated: 31/07/2020

To

The Project Director PIU,
National Highways Authority of India,
H. No.257, Ward No. 22 Vishnu Nagar,
Raebareilly-229001.

Director
N.H.A.I.

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई, रायबरेली
ई-मेल प्राप्ति संख्या 3664
दिनांक 13/8/2020

Sub.: Proposal for permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda-Sultanpur Section at Km.16.253, Km.16.700 & Km.20.645 Akbarpur & District- Ambedkar Nagar, Uttar Pradesh.

Ref: Your letter no. 12026/1/NHAI/PIU-Rbly/NOC/2020/18609, dated 01.07.2020

Sir,

Please refer to your letter under reference vide which certain observations have been raised in respect of subject cited permission for laying u/g of water supply pipe line proposal.

The para wise compliance of observations is as under:-

- 1). Now Calculation corrected and amount become Rs. 27,992.00/- Please Provide Bill/ demand note accordingly. License fee has been calculated as per para 5 of Ministry's Circular No. RW/NH-33044/29/2015/S& R (R) Dated 22.11.2016 and actual circle rate basis (copy enclosed).
- 2). There is no need of Bank guarantee due to pipe line laying to be done by horizontal drilling method (trenchless technology). methodology of HDD method was already provided.
- 3). As Per Point No. 2
- 4). As per SOP issued by NHAI HQ vide Policy Circular No. 14.19/2020 dated 06th January, 2020, the proposal has been uploaded on NHAI website "Right to Access" (Administration Id: NHAI RO East UP 2280372), and the processing fee of Rs.10,000/- has been deposited in "Bharatkosh" online and the receipt is submitted.

Therefore, you are requested to kindly accord your approval for the same so that we can laying u/g water supply pipe line along and across of NH as early as possible.

Encl.: As above

Yours faithfully,

(Vaqar Hussain)

Executive Engineer

Ref No. & Date as above

Copy -

- 1- Chief Engineer (Ayodhya Zone) UP Jal Nigam Ayodhya.
- 2- Superintending Engineer Construction Circle UP Jal Nigam Ayodhya

Executive Engineer



कार्यालय - 05271-245002
मो० नं० - 9473942714

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड, उ० प्र० जल निगम, अम्बेडकरनगर

Email ID- eeupjn.cdambdkarnagar@gmail.com

Letter No. UPJN/318.080/2019 302/कार्य-23/30 Dated: 05/02/2020
To

The Project Director,
NHAI, PIU,
Rebareli

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
परियोजना कार्यान्वयन इकाई, रायबरेली
प्राप्ति संख्या 30394
फाईल संख्या
दिनांक 10-02-2020

Sub.: Proposal for permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda - Sultanpur Section, at Km.16.253, Km.16.700 & Km.20.645, Akbarpur & District- Ambedkar Nagar in the State of Uttar Pradesh.

Sir,

We propose to underground crossing of Pipe Line mentioned above subject. For the purpose of the above we are enclosing herewith the following documents:

1. Signed copy of license deed
 2. Checklist
 3. Annexure 'A', 'B' & 'C'
 4. Undertakings
 5. Format for maintaining Records of permission granted for laying pipe line
 6. Drawings
 7. Methodology
 8. Affidavit
 9. Index Map
2. The Pipe Line will be cross at minimum depth of 1.65m and we assure you that necessary precautions will be adopted as per Standards & Guidelines during the execution of work.
3. You are requested to kindly accord your approval for the same so that we can crossing the Pipe Line as early as possible.

Sincerely Yours,

Encl: 4 Sets

नई आवृत्ति / Fresh Receipt

प्र० (तक)-I/II/ उप प्र० (तक)-I/II क० ले० अ०
Mgr. (T)-I/II/ Dy. Mgr. (T)-I/II JAO

परियोजना निदेशक
Project Director

[Signature]
10/02/20

[Signature]
(अधीनस्थ अभियन्ता)
Executive Engineer
Uttar Pradesh Jal Nigam
अम्बेडकर नगर

Send to AE for Comments
[Signature]

CHECK LIST

Guidelines for Project Directors for processing the proposal of crossing /laying optical fiber/ HT cables/ Water supply pipe line etc. by private parties in the land along National Highway with NHAI.

Relevant circulars

Ministry Circular No. RW/NH-33044/29/2015/S&R (R) Dated 22.11.2016.

Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) Dated 06.08.2013

Check-list for getting approval for crossing/ laying of optical fiber/ HT cables/ Water supply pipe line etc. on NH land

S. No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the applicant/Agency	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division, Ambedkar Nagar	
1.2	National Highway Number	NH-128 (Old NH-232)	
1.3	State	Uttar Pradesh	
1.4	Location	Tehsil- Akbarpur & District- Ambedkar Nagar.	
1.5	(Chainages in KM)	250mm dia at Ch.16.253 300mm dia at Ch.16.700 300mm dia at Ch.20.645	
1.6	Length in Meters	30.00m	
1.7.	Width of available ROW		
	(a) Left side from centre line towards increasing chainage/km direction	15m	
	(b) Right side from centre line towards increasing chainage/km direction	15m	
1.8	Proposal to lay the pipe line		
	(a) Left side from centre line towards increasing chainage/km direction	NA	
	(b) Right side from centre line towards increasing chainage/km direction	NA	
1.9	Proposal to acquire land		


V.H.
अधिशायी अभियन्ता
नर्मण खण्ड 30 प्रो जल निगम
अम्बेडकर नगर

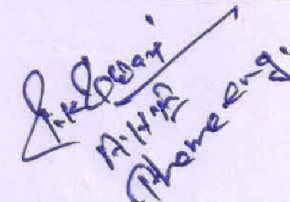
L.K. Bhatnagar
A.H.F. eng.
Ghame eng.


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

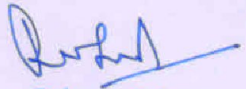
R. S. S.
परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना कार्यान्वयन इकाई
रायवरेली

	(a) Left side from centre line.	Not required	
	(b) Right side from centre line.	Not required	
1.10	Whether proposal is in the same side where land is not to be acquired	Not required	
	If not then where to lay the cable	Within available ROW	
1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes (2/4/6/8. lanes) existing	2-lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/8 lanes)	Not proposed	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line.	Does not exist.	
	(b) Right side from centre line.	Does not exist.	
1.15	Proposed Service Road		
	(a) Left side from centre line.	Not proposed	
	(b) Right side from centre line.	Not proposed	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Extreme edge of RoW	
1.17	The permission for laying OFC / LT cables/ pipe lines shall be considered for approval/rejection	For approval	
	(i) Where the ROW is more than 45m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Extreme edge of RoW	
	(ii) Where land is yet to be acquired for 4-laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	Not required	


अधिशायी अभियन्ता
 निर्माण खण्ड 30 प० जल निगम
 अन्वयक नगर


 N. H. B. Phome eng.


 प्रबन्धक (सिनिफिकै)
 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

	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5m to 2 m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.	2-laning has been completed.	
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in currying through hilly, rolling terrain) the cable shall be laid clear of the drain.	Plain terrain (Edge of ROW)	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	available	
1.18	Number of applicants of the same stretch.	Single applicant	
1.19	Whether the case of multiple licenses.	Single	
1.20	If so furnish a joint implement programmer to lay their respective ducts within stipulated time frame.	No	
1.21	If crossing of the road involved If yes, it shall only be through trench less technology	Yes, it shall only be through HDD method	
2.	Document/drawing enclosed with the proposal.		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x0.5m wide)	Shown in drawing	
2.2	Cross section showing the size of pit location of cable for HDD method	NA	
2.3	Strip plan / Route Plan showing the OFC/Cable, chainage, width of ROW, important mile stone,	Shown in drawing	

✓
अधिशोषी अभियन्ता
नर्मण खण्ड 30 प्रो जल निगम
अम्बहकर नगर

G. P. Meeng
P.H.E.
Ghameeng.

प्रबन्धक (तकनीकी)
प० का० ई०. रायवरेली
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
रायवरेली

	intersections, cross drainage works etc.		
2.4	Mythology of laying of OFC	enclosed	
2.4.1	Open trenching method. If, yes, methodology of refilling of trench.	Trench less	
2.4.2	Horizontal Directional Drilling (HDD) method	Yes, through HDD	
2.4.3	Laying OFC/cable through CD works and method of laying (Whether to be hung outside parapet)	NA	
3.	Draft license agreement signed by two witnesses	Yes	
4.	Performance Bank Guarantee		
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, enclosed	
5.2	Renewal of Bank Guarantee.	NA	
5.3	Confirmation all standard condition of NHAI,s guidelines.	Yes, enclosed	
5.4	Shifting of OFC/cable as and when required by NHAI.	Yes, enclosed	
5.5	Shifting due to 6-laning / widening of NH.	Yes, enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed	
5.7	Traffic movement during laying of OFC/cable to be managed by the applicant	Yes, enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Yes, enclosed	
5.9	Certificate for 6-laning from the applicant in following format. "We do undertake that I will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by NHAI for future six-laning or any other development."	Yes, enclosed	

अधिशायी अभियन्ता
मर्मण खण्ड 30 प्र 0 जल निगम
अम्बहकर नगर

प्रमुख (तकनीकी)
प० क० ई०. रायवरेली
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना कार्यान्वयन इकाई
रायवरेली

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


6.	Affidavit /Power of Attorney in favor of authorized signatory.	Affidavit enclosed	
7.	Copy of DOT license	No, XLPE cable	State Govt. project
8.	Certificate from the Project Director	Yes, enclosed	
8.1	Certificate from confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) dated 7/8/2013 & dated 22.11.2016	Yes	
8.2	Certificate for 4-laning from PD in the following format	Already 2-lane	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6-laning base on the feasibility report considering proposed structure at the said location.	NA	
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodate proposed 6-laning".	NA	
9	As per guidelines license fee shall be charged.	Department will pay fee after issuing demand note	
10	If NH section proposed to be taken up NHAI on BOT basis –a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of way to the concessionaire under the concession agreement for up-gradation of [... Section From Km.....to kmof NHAI No..... on Build, Operate and Transfer Basis]	NA	
11	Who will supervise the work of laying of OFC/Cable	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division, Ambedkar Nagar	
12	Who will ensure that the defects in road portion after laying of OFC/Cable are corrected and if not corrected then what action will be	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division, Ambedkar Nagar	

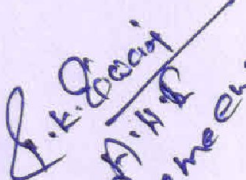
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अम्बेकर नगर


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

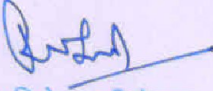
परियोजना निदेशक
भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
परियोजना समन्वयन इकाई
रायबरेली

	taken.		
13	Who will pay the claims for damages' done/disruption in working of concessionaire if asked by the Concessionaire.	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division, Ambedkar Nagar	
14	A Certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed performa (copy enclosed) issued vide Ministry Circular RW/NH-33044/27/2005/S&R(R)(Pt.) Dated 7/8/2013	Yes	
15	If any previous approval is accorded for laying of cable then photocopy if 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 7/8/2013 as referred in para 13 above is enclosed or not.	NA	


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 अम्बेडकर नगर


 S. K. Gaur
 J. H. S.
 J. H. S.


 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

Annexure-'A'


Subject: **Proposal for permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda - Sultanpur Section, at Km.16.253, Km.16.700 & Km.20.645, Akbarpur & District- Ambedkar Nagar in the State of Uttar Pradesh.**

Details regarding laying of water supply pipe line along & across of NH

1	a	Name of company asking for permission	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division,
	b	Full address	Office of the Executive Engineer, Uttar Pradesh Jal Nigam, Construction Division, Ambedkar Nagar
	c	Details and purpose of Crossing/laying the cable	Crossing water supply pipe line
	d	Any other details regarding laying	
		1. Distance of propose site from the center of the road at the extreme edge within the boundary	Extreme edge within the boundary
		2. Whether it is possible to lay propose line or not (Reason)	Yes, possible
2		Details road alignment where U/G cable/pipe is not laid along the road	
	a	Name of Road	Tanda - Sultanpur Section
	b	Category of Road (To be ascertained From K.M. stone road side)	Crossing at Km.16.253, Km.16.700 & Km.20.645 on NH-128 (Old NH-232)
	c	Width of the Road	
		1. Formation width Measured from Earthen Blank	1.0m
		2. Black Topped carriageway width	10.00m
		3. Road Boundary (ROW)	30.00m

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		4. Location of cable laying along the roadside or crossing on to be Mentioned	Akbarpur & District- Ambedkar Nagar
3		Details to be supplied on along the drawing	Yes
4		Geographic' s of the cable rule	As per guidelines
	1.	Dimension of cable trench'	
	2.	Dimension of Cable/HDPE/Protection Pipe	250mm dia at Ch.16.253 300mm dia at Ch.16.700 300mm dia at Ch.20.645
	3.	Size of optical fiber Telecom Transmission Cable	NA
	4.	Right of Way	30.00m
5	1.	This is certify that no Govt. Road Land shall be occupied by UP, Jal Nigam, CD, Ambedkar Nagar except for purpose of crossing/laying of water supply pipe line/ HT cable.	Agreed
	2.	This is to that work shall be in accordance with the Govt. Rules And regular in Force from time and binding to UP, Jal Nigam, CD, Ambedkar Nagar.	Agreed
	3.	This is to certify that all required cost and fees as per rule and regulation of the Govt. will be deposited timely.	Agreed


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Annexure-'B'

Information to be furnished along with the proposal for crossing/laying of Telecom cable / OFC cable/ electrical cable / pipe line /ducts etc. at the National Highway/Expressway:

Sub. Pertains to permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda - Sultanpur Section, at Km.16.253, Km.16.700 & Km.20.645, Akbarpur, & District- Ambedkar Nagar in the State of Uttar Pradesh.

1	Exact location of crossing With Chainage of National Highway And Right-of-Way of NHAI at crossing	250mm dia at Ch.16.253 300mm dia at Ch.16.700 300mm dia at Ch.20.645
2	Showing distance of cable/pipe and ROW from centerline of highway in the drawing. (Minimum distance of cable /pipe =1 or 2m inside edge of ROW edge)	Yes, Shown in attached drawing
3	Methodology of crossing in NH/Expressway by trenchless Technique.	Yes
4	Crossing details: Plan & cross-section drawing showing depth of crossing at a minimum of 1.65 m from existing ground level with sealing at ends of pipe.	Yes, Shown in attached drawing
5	Undertaking that you shall take care of existing service lines have been laid previously.	Attached undertaking

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Annexure-'C'

Conditions for the agencies seeking permission for laying/crossing Telecom cable / OFC cable/ electrical cable / pipe line /ducts etc. on Highway/Expressway that are under NHAI.

Sub.: Proposal for permission for u/g crossing by HDD method of water supply pipe line (HDPE) on NH-128 (Old NH-232), Tanda - Sultanpur Section, at Km.16.253, Km.16.700 & Km.20.645, Akbarpur & District- Ambedkar Nagar in the State of Uttar Pradesh.

1. The casing pipeline should cross the NH-128 (Old NH-232) at normal to it.
2. Casing pipeline crossing should not be near to the existing structure.
3. For laying casing pipes, horizontal core drilling/boring method should be used crossing by open trenching method will not be permitted.
4. The casing pipe shell be of steel or cemented and concreted and end casing pipe shall be sealed after laying pipeline so its dose not act as darling path.
5. The casing pipe shell is laid underground in full land width of NH-46.
6. The top of casing pipeline should be at depth of 1.65 below the surface of road subject to being at last 0.3 your own risk and invert.
7. Any damaging during the crossing of pipe line to existing line (Gas Pipeline, water Supply Line, electric or agency other line) should be got repaired immediately at the agency's own risk and cost.
8. Necessary precaution should be taken to avoid accident during crossing work.
9. Cautionary board where required should be kept on site before starting the work of laying pipes.
10. Prior approval of department shall be obtained before undertaking the work Installation, shifting, repairs or alternating to the utility line location in the NHAI RIGHT-OF-WAY.
11. Before starting the work, prior written information by registration post AD should be given to NHAI.
12. If NHAI consider it necessary in the future to remove the pipeline for any work of Improvement/repairs of road, it will be carried out desired by NHAI at the cost of agency within a responsible time.
13. NHAI does not guarantee the preservation of agencies. Property form any type of damage that may occur due to road work carried out at a later date.
14. If any accident is occur during the execution or completion of work by the agency, the completed responsibility shall be fully on the head of agency.
15. In future, at the time of widening the road or any work of NHAI, the line shall have to be remove / shifted by the agency at their own cost without claim of compensation within 60 days.
16. An agreement in stamp paper of Rs.100/- is required to be made between NHAI and agency before start of work. This shall also include No Claim Certificate.

✓
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अम्बेडकर नगर



कार्यालय - 05271-245002
मो० नं० - 9473942714

कार्यालय अधिशासी अभियन्ता, निर्माण खण्ड, उ० प्र० जल निगम, अम्बेडकरनगर

Email ID- eeupjn.cdambedkarnagar@gmail.com


Methodology for Crossing of Road by Horizontal Directional Drilling (HDD) Method

1. Non-digging technology is a new technology of underground piping developed in the recent years. Using this technology, we can lay, fix, change and detect the underground pipeline without digging. The technology has the advantages of no damage of environment, no dirt-pollution, no interruption of traffic, no break of pavement structure, high laying precision, short working period and high safety of construction.
2. The technology can be widely used for laying, changing and detecting the underground canals, which go through pavements (National Highways/ Roads), railway lines, river lakes, streets and buildings. The available field includes electricity, telecommunication, water supply, sewage, cable TV, ADSL and other piping divisions.
3. Horizontal Directional Drilling (HDD) is a trenchless technology that has the capacity to install a wide variety of pipe materials/ water supply pipe line (HDPE) into the ground. This technique allows for great design flexibility as installation paths, or bore paths, may be curved or straight, with the path changing direction and depth to avoid subsurface obstacle.
4. The water supply pipe line (HDPE) shall be laid as per National Standards. The water supply pipe line (HDPE) will be laid at a minimum cover depth of 1.65m to 2.50 meter through HDD method in order to avoid disruption of traffic and to avoid in convenience to public at large.

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5. Underground Laying/ crossing water supply pipe line (HDPE).
6. Crossing of the water supply pipe line (HDPE) at a depth of 1.65m to 2.50 meter is envisaged for avoiding any kind of disruption to Highways Authority in case of any work as and when desired by the Authority.
7. The crossing of water supply pipe line (HDPE) including testing and commissioning will be carried out by us in accordance with the specifications.
8. Restoration of HDD pit shall be carried out as per its original conditions and after desired settlement of the pit soil.


अधिकारी अभिलखा
(Vaqar Hussain)
जम्मेदार अभियन्ता
Executive Engineer
Uttar Pradesh Jal Nigam