



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार)
(Ministry of Road Transport & Highways, Govt. of India)

परियोजना कार्यान्वयन इकाई, लखनऊ / Project Implementation Unit, Lucknow
2/5, विक्रान्त खण्ड, गोमती नगर, लखनऊ-226010 (उ०प्र०)
2/5, Vikrant Khand, Gomti Nagar, Lucknow-226010 (U.P.)



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№. NHAI/PIU/LKO/NOC/NH-27/2024/ 2442

Date: 08.01.2024

Invitation of Public Comments

Sub.: Proposal for underground water supply pipeline crossing by HDD Method at Km. 70+680 on NH-27 (Old NH-25) (Lucknow-Kanpur Section) at District-Unnao in the state of Uttar Pradesh - Reg.

The Executive Engineer, Division Office, Uttar Pradesh Jal Nigam (Rural), Gadan Khara Bypass, Unnao has submitted the for underground water supply pipeline crossing by HDD Method at above location.

2. 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).

3. 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
2/5, Vikrant Khand, Gomti Nagar
Lucknow-226010

This issue with the approval of Competent Authority.

Encl: As above


(Shriram Kushwaha)
Deputy Manager (Tech)
For Project Director

Copy to:

- The Regional Officer, UP-West, Lucknow.
- 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, Division Khand, U.P. Jal Nigam (Rural), Gadan Khara Bypass, Post-Singrosi, district-Unnao.



कार्यालय अधिशासी अभियन्ता, खण्ड कार्यालय

उत्तर प्रदेश जल निगम (ग्रामीण), गदन खेड़ा बाईपास, पोस्ट सिंगरोसी उन्नाव-209801

पत्र संख्या: 3664 / W-5-103

1574

दिनांक: 01/12/2023

To

The Project Director,

National Highways Authority of India, P.I.U.

2/5, Vikrant Khand, Gomti Nagar,

Lucknow – 226 010 (U.P.)

Sub.: Pertains to permission of underground water supply pipe line crossing by HDD method at Km.70+680 on NH-27 (Old NH-25) (Lucknow - Kanpur Section) at District- Unnao in the state of Uttar Pradesh.

Sir,

Sir,

We propose to cross water supply 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 crossing water supply pipe line
 6. Drawings
 7. Methodology
 8. Affidavit
2. The crossing water supply pipe line will be cross at minimum depth of 1.20m 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 lay water supply pipe line along and across of NH as early as possible.

Thanking you,

NAHAS/PJU/LK0107T/2023/2183

Encl:3 Sets

Date: 08.12.22

To,

The Team leader
M/S S.A Infrastructure
consultants Pvt. Ltd.
Lucknow. PS-5M
Through Email

Sincerely Yours,
Uttar Pradesh Jal Nigam

Executive Engineer
Division Office-U.P.
Jal Nigam Rural-Unnan

(Ajit Kumar Singh)
Executive Engineer

IC
Pl submit your comments
within 7 days

CHECK LIST

Guidelines for Project Directors for processing the proposal of crossing /laying optical fiber/ HT cables/ Water 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 water pipe line 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, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.	
1.2	National Highway Number	NH-27 (Old NH-25)	
1.3	State	Uttar Pradesh	
1.4	Location	District- Unnao	
1.5	(Chainages in KM)	Km.70.680	
1.6	Length in Meters	60m	
1.7.	Width of available ROW		
	(a) Left side from centre line towards increasing chainage/km direction	30m	
	(b) Right side from centre line towards increasing chainage/km direction	30m	
1.8	Proposal to lay the water 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		
	(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	

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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	4-lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/8 lanes)	4-lanes	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line.	NA	
	(b) Right side from centre line.	NA	
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 / HT cables/ water supply pipe line 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	
	(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.	4-laning has been completed.	

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	(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 pipe line for HDD method	NA	
2.3	Strip plan / Route Plan showing the OFC/ pipe line, chainage, width of ROW, important mile stone, intersections, cross drainage works etc.	Shown in drawing	
2.4	Mythology of laying of pipe line	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/ HT cable through CD works and method of laying (Whether to be hung outside	NA	

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Jal Nigam Rural-Unnao

	parapet)		
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.	Will be done if necessary	
5.3	Confirmation all standard condition of NHAI guidelines.	Yes, enclosed	
5.4	Shifting of water pipe line 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 water pipe line 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	
6.	Affidavit /Power of Attorney in favor of authorized signatory.	Affidavit enclosed	
7.	Copy of DOT license	No, water pipe line	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	Yes	

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	7/8/2013 & dated 22.11.2016		
8.2	Certificate for 4-laning from PD in the following format	Already 4-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. (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodate proposed 6-laning".	NA 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 uo-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 water pipe line	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.	
12	Who will ensure that the defects in road portion after lay of water pipe line are corrected and if not corrected then what action will be taken.	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.	
13	Who will pay the claims for damages' done/disruption in working of concessionaire if asked by the Concessionaire.	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.	
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	Yes	

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Jal Nigam Rural-Unnao

	vide Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016		
15	If any previous approval is accorded for after lay of water pipe line then photocopy if register of records of permissions accorded as maintained by PD (as per Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016) as referred in para 13 above is enclosed or not.	NA	

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Annexure-'A'

Subject: Proposal for permission of underground water supply pipe line crossing by HDD method at Km.70+680 on NH-27 (Old NH-25) (Lucknow - Kanpur Section) at District- Unnao in the state of Uttar Pradesh.

Details regarding Crossing of water pipe line along of NH

1	a	Name of company asking for permission	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.
	b	Full address	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao.
	c	Details and purpose of Crossing/laying the pipe line	Crossing water supply pipe line.
	d	Any other details regarding Crossing	
		1. Distance of propose site from the center of the road at the extreme edge within the boundary	Crossing along NH
		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	Lucknow - Kanpur Section
	b	Category of Road (To be ascertained From K.M. stone road side)	Underground water supply pipe line crossing by HDD method at Km.70+680 on NH-27 (Old NH-25) (Lucknow - Kanpur Section) at District- Unnao in the state of Uttar Pradesh.
	c	Width of the Road	
		1. Formation width Measured from Earthen Blank	1.00m
		2. Black Topped carriageway width	9.00m
		3. Road Boundary (ROW)	30m
		4. Location of cable laying along the roadside or crossing on to be Mentioned	District- Unnao
3		Details to be supplied on along the drawing	yes

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4		Geographic' s of the HT cable rule	N/A
	1.	Dimension of pipe line trench	As per cross section drawing enclosed
	2.	Dimension of Cable/HDPE/water Pipe line	Shown in drawing
	3.	Size of optical fiber Telecom Transmission Cable	N/A
	4.	Right of Way	Shown in drawing
5	1.	This is certify that no Govt. Road Land shall be occupied by Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao except for purpose of crossing of water supply pipe line.	Agreed
	2.	This is to that work shall be in accordance with the Govt. Rules And regular in Force from time and binding to Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Unnao	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

Annexure-'B'

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

1	Exact location of laying With Chainage of National Highway And Right-of-Way of NHAI at crossing.	Underground water supply pipe line crossing by HDD method at Km.70+680 on NH-27 (Old NH-25) (Lucknow - Kanpur Section) at District- Unnao in the state of Uttar Pradesh.
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 laying/crossing at a minimum of 1.20m 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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Jal Nigam Rural-Unnao

Annexure-'C'

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

Sub.: Proposal for permission of underground water supply pipe line crossing by HDD method at Km.70+680 on NH-27 (Old NH-25) (Lucknow - Kanpur Section) at District- Unnao in the state of Uttar Pradesh..

1. The pipe line shall u/g crossing along NH-27 (Old NH-25) at normal to it.
2. Pipe line shall 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 pipe line shall be of steel or cemented and concreted and end pipe line shall be sealed after laying pipeline so its dose not act as darling path.
5. The pipe line shall be laid underground in full land width of NH-27 (Old NH-25).
6. The top of pipe line should be at depth of 1.20 below the surface of road subject to being at least 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 pipe line 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 forms 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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