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
Village-Bhikampur, At KM 132.400 RHS on NH-34, Aligarh Bypass, Aligarh - 202001 (U.P.)
ग्राम-भीकमपुर, एन.एच-34 के 132.400 कि०मी० आर०एच०एस० पर, अलीगढ़ बाईपास, अलीगढ़-202001 (उ०प्र०)
Mob: +91-81300 06255 | Email : aligarh@nhai.org | nhaipiubsr001@gmail.com

सत्यमेव जयते
On India Government Service
भारत सरकार सेवार्थ

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

NHAI/PIU-ALG/33016/A-P/NOC/2024/ 2231 Dated: 09.08.2024

Invitation of Public Comments

Sub: Permission for laying U/G water pipeline crossing at 60.200, Village- Naya Bans, Tehsil- Khair & Distt.-Aligarh on NH-334(D) in the State State of Uttar Pradesh.

Executive Engineer, UP Jal Nigam (Rural), Mathura submitted the proposal for permission for U/G road crossing by 2200mm Dia MS Water pipeline at Existing Km. 60.200, Village- Naya Bans, Tehsil- Khair & Distt.-Aligarh on NH-334(D) (through Micro Tunneling Method) in the State of Uttar Pradesh.

2. From the submitted proposal, it is seen that the crossing length is proposed 33.54m. Further, the depth of Pipeline below the road level will be 5.23m.

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. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. Regional Officer (W-UP), NHAI-Lucknow for kind information.
4. Executive Engineer, UP Jal Nigam (Rural), Mathura for information. (Email: eexiiupjnmtr@gmail.com)

CHECK TIST

Guidelines for Project Directors for processing the processing for laying of Water Supply Pipeline in the land across NH-334D visited with NHAI.

1. Ministry, Circular No. NH-41 (58)/68 dated 31.01.1969.
2. Ministry Circular No. NH/II/P/66/76 dated 18/19-11-1976.
3. Ministry, Circular No. RW/NH-III/P/66/76 dated 11.05.1982.
4. Ministry Circular No. RW/NH-11037/1/86-DOI(II) dated 28.07.1993,
5. Ministry, Circular No. RW/NH-11037/1/86-DOI (II) dated 19.01.1995.
6. Ministry Circular No. RW/NH-34066/2/95/5&R dated 25.10.1999.
7. Ministry Circular No. RW/NH-34066/7/2003 5&R (B) dated 17.09.2003.
8. Ministry Circular No. RW/NH-33044/29/2015/5&R dated 22.11.2016.

CHECK LIST FOR GETTING APPROVAL FOR LAYING OF WATER SUPPLY PIPELINE ON NH-334D

Sr. No.	Item	Information/Status	Remark
1	General Information	Permission for laying water pipeline across the NH-334 D	
1.1	Name and Address of the Applicant/Agency	Executive Engineer UP Jal Nigam (Rural),Mathura, Pin:281004	
	National Highway No	NH-334 D	
1.3	State	Uttar Pradesh	
1.4	Location	Aligarh to Palwal Section	
1.5	Chainage in KM	Aligarh to Palwal Section 60+260	
1.6	Length in m	~~10 m~~ 33.54m	
1.6.1	Length in meter	~~10 m~~ 33.54 m	
1.7	Width of Available ROW		
	(a) Left side from center line towards increasing chainage/Km direction	30 ~~Meter~~ 16.77m	
	(b) Right side from center line towards increasing chainage/Km direction Proposal to lay underground pipeline	30 ~~Meter~~ 16.77m	
1.8	Proposal to lay underground pipeline	As per enclosed Annexure "I"	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land not to be acquired	NA	
	If not, then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of lanes (2/4/6/8 lanes)	4 lanes	
1.13	Proposed number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	~~YES~~ No	

(दिनेश कुमार)
सहायक अभियन्ता
खण्ड कार्यालय
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मथुरा

	Item	Information/Status	Remark
	If yes, then which side		
	(a) Left side from center line	~~YES~~ NA	
	(b) Right side from center line	~~YES~~ NA	
1.15	Proposed Service road	NA	
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to lay water supply pipeline is after the service road or between the service road and main carriage way	~~No~~ NA	
1.17	The permission for laying of Water Supply Pipeline shall be considered for approval/rejection based on the Ministry circulars mentioned as above	–	
(a)	Carrying of sewerage/ gas pipelines on highway bridges shall not be permitted as Fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water	NA	
(b)	Carrying of water pipelines on bridges shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized, they may be permitted to carry the pipeline on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangement enough free spade around the superstructure of the bridge remains available for inspection and repairs, etc.	NA	
(c)	Cost of required extension of sub structure as well as that of the supporting superstructure shall be borne by the agency in charge of the utilities.	NA	
(d)	Services are not allowed indiscriminately on the parapet/ any part of the bridges. Safety of the bridges must be kept in view while permitting various services along bridge. Approvals are Tobe accorded in this regard with the concurrence of the Ministry's Project Chief Engineer only.	NA	
1.18	If crossings of the road involved	YES	

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Sr. No.	Item	Information/Status	Remark
	it yes shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owing the line	Yes, encasing of pipeline will be done through MS casing pipe having diameter 2500 mm MS	
(a)	Existing drainage structures shall not be allowed to carry the lines.	NA	
(b)	Is it on a line normal to NH	Yes	
(c)	Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15meters. What is the distance from the existing structures?	More than 50 meters from existing structures. slab	
(d)	The casing pipe (or conduit pipe in the case of water pipeline) carrying the utility line shall be of steel, cast iron or reinforced cement cost iron steel reinforced cement concrete and have adequate strength and be large enough to large to permit ready withdrawal of the carrier pipe/cable.	2500 mm MS pipe having thickness 18 mm.	
(e)	Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as drainage path.	Yes	
(f)	The casing conduit pipe should. Minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes	
(g)	The top of the casing/conduit pipe should be at least 1.2 m below the surface of the road subject to being at least 0.3 m below the drain inverts.	Yes	
(h)	Mention the methodology proposed for Crossing of road for the proposed sewage/pipeline crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete pipe.	Jack Pushing Method / Micro tunnelling method	
(i)	The casing/conduit pipe shall be installed with an even bearing throughout its length and in such manner as to prevent the formation of a waterway along it.	Yes	
2	Document/Drawings enclosed with the proposal	Yes Enclosed	
2.1	Cross-Section showing the size of trench for open trenching method (Is its normal size of 1.2m deep x 1.2 m wide)	5.23 m below Road Level	
(i)	Should not be greater than 60 cm wider than the outer diameter of the pipe	Yes	

Sr. No.	Item	Information/Status	Remark
(ii)	located as close to the extreme edge of the right-of-way as possible but not less than 1 5meter from the center lines of the nearest carriageway	Yes	
(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	No	
(iv)	These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land	Yes	
2.2	Cross-section showing the size of pit and location of cable for HDD method.	**Annexure 'II'**	
2.3	Strip plan Route plan showing water supply pipeline, chainage, width of ROW, distance of proposed, cable from the edge of ROW, important milestone, intersections, cross drainage works etc. The enclosed drawing shows the alignment of pipeline, edge of ROW, important milestone, cross drainage works etc.	The enclosed drawing shows the alignment of pipeline, edge of ROW, important milestone, cross drainage works etc.	
2.4	Methodology for laying of showing Water Supply Pipeline	Yes	
2.4.1	Open trenching method. (May be allowed in utility corridor only when pavement is neither cement concrete nor dense bituminous concrete type. If yes. Methodology of refilling of trench.	The pipeline is accommodated in utility corridor & will be executed by Jack Pushing Method Micro Tunnelling Method.	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Yes	
	(b) For filling of the trench. Bedding shall be adept of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value.	As per Cross Section	
	Unsuitable soil and rock edged should be excavated and replace by selected material	Yes	
	(c) The backfill shall be completed in two stages (i) side fill to the level of the top of the pipe and (ii) Overfill to the bottom of the road crust	Yes	

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खण्ड कार्यालय-4

	Item	Information/Status	Remark
	(d) The side fill consists of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to95% of the proctor 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.	Yes	
	(e) The road crust shall be built 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.	NA	
	(f) The excavation shall be protected by flagman. Signs and barricades and red lights during night hours.	Yes	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	~~NA~~ Yes	
2.4.2	Horizontal Directional Drilling (HDD) method.	Micro tunnelling	
2.4.3	Laying of water supply pipeline through CD Works and method of laying		
	(a) On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of way as possible up to distance of 30 m from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter no. NH	Yes	
3	Draft License Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favours of NHAI has to be obtained 50.0 per running meter (parallel to NH) and 100000.00 per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/ making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/ loose earth.	To be submitted as per demand provided by NHAI.	
4.1	Performance BG as per above is to be obtained.	-	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	-	
5	**Affidavit/ Undertaking from the Applicant for**		

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खण्ड कार्यालय
उ०प्र० जल निगम (ग्रा...)
मथुरा

	Item	Information/Status	Remark
5.1	Not to damage to other utility, if damaged then to pay the losses to either NHAI or to the concerned agency.	Yes, Enclosed.	
5.2	Renewal of Bank Guarantee	Yes	
5.3	Confirming all standard condition of NHAI guidelines	Yes, Enclosed.	
5.4	Shifting of water supply pipelines as and when required by NHAI at their own cost. Shifting due to 6 laning/ widening of NH.	~~NA~~ Enclosed	
5.5	Indemnity against all damages and claims clause(xxiv)	Yes	
5.6	Traffic movement during laying of water supply pipeline to be managed by the applicant.	Yes, Enclosed.	
5.7	If any claim is raised by the Concessionaire, then the same must be paid by the applicant	Yes, Enclosed.	
5.8	Prior approval of the NIAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing Water Supply Pipeline located in the National Highway Right of ways.	Yes, Enclosed.	
5.9	Expenditure, if any, incurred by NIIAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water Supply pipeline will be borne by the agency owning the line.	Yes, Enclosed.	
5.10	.If the NHAI considers it necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHA at the cost of the agency owing the utility line within a reasonable filing (not exceeding 60 day s) of the intimation given.	Yes	
5.11	Certificate from the applicant in the following format		
	(i) Laying of Water Supply pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	.(ii) For 4 /6 lining "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 eight-laning or any other development."		

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खण्ड कार्यालय
उ0प्र0 जल निगम (ग्रामीण)
मथुरा

	Item	Information/Status	Remark
6	Who will sign the agreement on behalf of Water Supply Pipeline agency	Executive Engineer, UP Jal Nigam (Rural), Mathura	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. NH41 (58)/68 dated 31.01.1969, Ministry circular No. NHI-III/P/66/758 A dated 11.05.1982, Ministry circular no. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993. Ministry circular no.RW/NH-11037/1/86/DOI dated 19.01.1995, Ministry circular no. RW/NHI-34066/2/95/ S&Rdated 25.10.1999 and ministry circular no.RW/NH-34066/7/2003 S&R (B) dated17.09.2003	(Yes/No)	
7.2	Certificate from PD in the following format	(Yes/No)	
	(I) "It is certified that any other location of the water supply pipeline would be extremely difficult and unreasonable costly and the installation of Water Supply pipeline within ROW will not adversely affect the design. Stability and traffic safety of the highway the likely future improvement such as widening of the carriage way, easing of curve etc.		
	(ii) for 8 –lanning		
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed eight lanning based on the feasibility report considering proposed structures at the said location"		
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed eight-lanning.		
8	If NH section proposed to be taken up by the NHAI on BOT basis-a clause is to be inserted in the agreement. "The permitted Highway on which licensee has been granted the right to lay cable /duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of.....section from No.-.on Build. Operate and Transfer Km.....To Km.....Of NH Basis] and	YES	

	Item	Information/Status	Remark
	Therefore, the licensee shall honour the same.		
9	Who will supervise the work of laying of Water Supply Pipeline	Executive Engineer, UP Jal Nigam (Rural), Mathura	
10	Who will ensure that the defects in road portion after laying of Water Supply Pipeline are corrected and if not corrected then what action will be taken.	As already given in the agreement.	
11	Who will pay the claims for damages done disruption in working of concessionaire if asked By the concessionaire?	Executive Engineer, UP Jal Nigam (Rural), Mathura	
12	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)		
13	If any previous approval is accorded tor lacing of underground water supply pipeline, then photocopy of register of records of permissions accorded as maintained by PD then cops be enclosed	NA	

Executive Engineer
Uttar Pradesh Jal Nigam (Rural)
Mathura

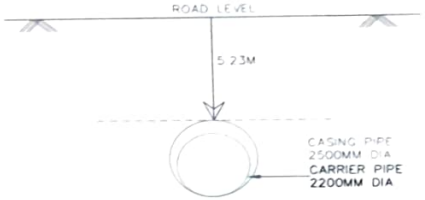
(दिनेश कुमार)
अधिशासी अभियन्ता
कार्यालय
उ०प्र० जल निगम (ग्रामीण)
मथुरा

Project Director
National Highway Authority of India
PIU-Aligarh

NATIONAL HIGHWAY-334D CROSSING BY 2200MM DIA MS PIPE LINE

SECTION - CROSSING PIPE LINE

NOTE: ALL DIMENSIONS ARE IN METRE

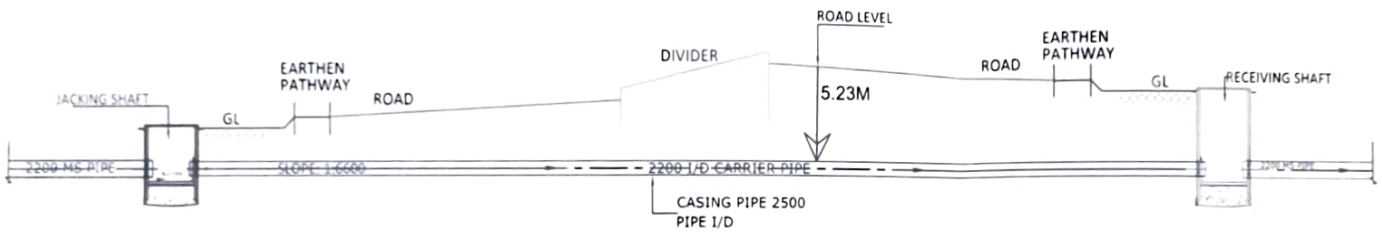


- METHOD OF CROSSING: TRENCHLESS BY HDD
- 2200MM DIA MS PIPE LINE ENCASED WITH 2500MM MS PIPE
- VILLAGE- NEAR ~~NAGLA KATRA, (GABHANA ALIGARH)~~ Nagla Barak (Khair, Aligarh)

SCALE	N.T.S.	
LOCATION	3093220.00 N	782947.00 E

PROJECT	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE
REVIEW OF SURVEY, DESIGN, DRAWINGS, DPR AND CONSTRUCTION OF MULTI GROUP OF VILLAGES WATER SUPPLY SCHEME MATHURA PACKAGE 1, DISTRICT - MATHURA (SURFACE WATER) WITH RELEVANT WORKS INCLUDING COMMISSIONING AND OPERATION & MAINTENANCE FOR 10 YEARS IN THE STATE OF UTTAR PRADESH	For NHAI	For JAL NIGAM MATHURA (RURAL)	Mohit Singh For MEDHAJ TECHNO CONCEPT PVT. LTD. (DPMU)

NATIONAL HIGHWAY-334D CROSSING BY 2200MM DIA MS PIPE LINE (Annexure II)



TRENCHLESS METHOD

SECTION-SHAFT

- METHOD OF CROSSING: TRENCHLESS BY HDD
- 2200MM DIA MS PIPE LINE ENCASED WITH 2500MM MS PIPE
- VILLAGE- NEAR ~~NAGLA KATRA. (GABHANA,ALIGARH~~)

Nagla Bans (Khair, Aligarh)

SCALE	N.T.S.	
LOCATION	3093220.00 N	782947.00 E

PROJECT:	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE	AUTHORIZED SIGNATURE
REVIEW OF SURVEY, DESIGN, DRAWINGS, DPR AND CONSTRUCTION OF MULTI GROUP OF VILLAGES WATER SUPPLY SCHEME MATHURA PACKAGE 1, DISTRICT - MATHURA (SURFACE WATER) WITH RELEVANT WORKS INCLUDING COMMISSIONING AND OPERATION & MAINTENANCE FOR 10 YEARS IN THE STATE OF UTTAR PRADESH.	For NHAI	For JAL NIGAM MATHURA (RURAL)	For MEDHAJ TECHNO CONCEPT PVT. LTD. (DPMU) Mohit Singh