



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

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

परियोजना कार्यान्वयन इकाई (राजमार्ग प्रबंधन इकाई), झाँसी

Project Implementation Unit (Corridor Management Unit), Jhansi,

पता : मकान संख्या-एन 43/1 ए, राजकीय महिला पॉलीटेक्निक के सामने, ग्वालियर रोड, झाँसी 284003 (उ.प्र.)

Address : House No. N 43/1 A, Infront of Govt. Mahila Polytechnic, Gwalior Road, Jhansi-284003 (U.P.)

दूरभाष/Phone : 0510-2980967, मो./Mob : 8130006259, ईमेल/Email : jha@nhai.org, piujhansi@gmail.com वेबसाइट/Website : http://www.nhai.gov.in

NHAI/12015/1/2007/2023/NOC (Jal Nigam)/JHS-W/2025/1205

Dated 17 Oct., 2025

Invitation of Public Comments

Sub : Proposal for the permission of laying U/G Water Pipe Line at Ch. 95+245 to 98+ 240 Km and crossing Ch. 97+803 km & 97+ 808 Km (Length -120 m) across NH-44 District Lalitpur State of Uttar Pradesh.

Ref: Executive Engineer, U.P.Jal Nigam (Urban), Gwalior Road, Jhansi letter no. 1747/W-95/03 dated 15.10.2025

Sir,

The Executive Engineer, Office of the Executive Engineer, Construction Division, U.P. Jal Nigam (Urban), Gwalior Road, Jhansi has submitted proposal for the permission of laying U/G Water Pipe Line at Ch. 95+245 to 98+ 240 Km and crossing Ch. 97+803 km & 97+ 808 Km (Length -120 m) across NH-44 Jhansi Lalitpur Section, District Lalitpur State of Uttar Pradesh.

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 convenience, 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 Highway Authority of India
Project Implementation Unit
House No. N 43/1 A, Infront of Govt. Mahila Polytechnic,
Gwalior Road, Jhansi - 284003 (U.P.)

This is issued with the direction of NHAI, RO, (West)-UP, Lucknow.
Encl : As Above.

(Avinas Mandiwal)
Dy.Manager (Tech)

Copy to:-

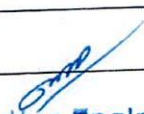
1. Web Admin, NHAI-HQ- with request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi- with request for uploading on the Ministry's website.
3. The Authorized Signatory, U.P.Jal Nigam (Urban), Gwalior Road, Jhansi.
4. The Regional Officer, NHAI, Regional Office, (West)-UP, Lucknow for information.

CHECKLIST

Guidelines for Project Director For processing the proposal for laying water pipeline in the land across National Highway vested with NHAI.

1. Ministry Circular No. NH-41 (58)/68 dated 31-01-1969
2. Ministry Circular No. NH-III/P/66/76 dated 18/19-11-1976
3. Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982
4. Ministry Circular No. RW/NH-11037/1/86-DOI (II) dated 28.7.1993
5. Ministry Circular No. RW/NH-11037/1/86-DOI (II) dated 19.01.1995
6. Ministry Circular No. RW/NH-34066/2/95/S & R dated 25.10.1999
7. Ministry Circular No. RW/NH-34066/7/2003S & R (B) dated 17.09.2003
8. Ministry Circular No. RW/NH-33044/29/2015/ S & R dated 22.11.2016

CHECK LIST FOR GETTING APPROVAL FOR LAYING OF WATER PIPE LINE ON NH LAND

Sr. No.	Item	Information/Status	Remarks
1	General Information	Laying of Water Pipe Line of Rehabilitation and Augmentation of Lalitpur Water Supply Scheme	
1.1	Name and Address of the Applicant Agency	Office of the Executive Engineer, Construction Division, UP Jal Nigam, (Urban), Gwalior Road, Jhansi	
1.2	National Highway Number	NH-44	
1.3	State	Uttar Pradesh	
1.4	Location	Lalitpur	
1.5	Chainage in Km.	1-95+245 to 95+600 KM 2-95+815 to 96+000 KM 3-96+770 to 97+810 KM 4-97+840 to 98+240 Km	
1.6	Length in meters	1980.00M	
1.7	Width of available ROW in meter	60 M	
(a)	Left side from centre line towards increasing chainage/km. direction	Vary in every km	
(b)	Right side from centre line towards increasing chainage/km direction	Vary in every km	
1.8	Proposal to lay underground water pipeline for water supply	Along & Cross the Highway	
(a)	Left side from centre line towards increasing chainage/km. direction	1-96+770 to 97+810 KM 2-97+840 to 98+240 Km	
(b)	Right side from centre line towards increasing chainage/km direction	1-95+245 to 95+600 KM 2-95+815 to 96+000 KM	
1.9	Proposal to acquire land	NA	
(a)	Left side from center line towards increasing chainage/km. direction		
(b)	Right side from centre line towards increasing chainage/km direction		
1.10	Whether the proposal is for the same side where land is not to be acquired.	Yes	
	If not then where to lay the Water pipeline	Nil	
1.11	Details of already laid services. If any across the proposed route.	No	
1.12	Number of existing Lanes (2/4/6/8 Lanes)	4 Lanes with paved shoulder	 Executive Engineer Construction Division U.P. Jal Nigam (Urban) JHANSI
1.13	Proposed No. 01 Lanes 02 Lanes with paved shoulders /1/6/8 Lanes)	Not Proposed	

1.14	Services Road Existing or not	Does no exist	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road	Not Proposed	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay water pipeline is beyond the service road of between the service road and main carriage way.	Not Proposed	
1.17	The permission for laying of water pipeline shall be considered for approval/rejection based on Ministry circulars mentioned as above.	Yes	
(a)	Carrying of Sewage/Gas pipeline on Highway bridges shall not be permitted as fumes gases pipe can accelerate the process of corrosion thus being much causes explosions thus being much more injurious that leakage of gas.	NA	
(b)	Carrying of Gas pipe lines on bridges shall also discourage. However, if the gas Authorities seem to have no other viable alternate 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 portion of piers and abutments in such a manner that in the final arrangement enough for spade around the superstructure of the bridge and repairs etc.	N.A.	
(c)	Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency in charge of the Utilities.	N.A.	
(d)	Services are not being allowed indiscriminately on the bridge safety of the bridges has to be kept in view while permitting various services along bridge approvals are to be accorded in this regard with the concurrence of the ministry's Project Chief Engineers only.	N.A.	
1.18	If crossing of the road involved if yes, it shall be either encased in pipeline or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	Yes, crossing of the road is involved crossing through trenchless technology at Ch. 97+803 km Near Canal Ch. 97+808 km Near Canal	
(a)	Whether existing drainage structure are allowed to carry water pipeline	Yes	
(b)	Is it on a line normal to NH	Yes	
(c)	What is the distance of crossing the water pipeline from the existing structure? Crossing shall not be too near the existing structure on the National Highways, the minimum distance being 15 meter.	NO	
(d)	The casing pipeline of conduit pipeline (in the case of Water pipeline) carrying the utility line shall be of steel sled, cast iron or	Utility line is MS material M.S Pipe line Crossing through Nala Structure	


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	reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipeline Mention type of crossing.		
(e)	Ends of the casing/conduit pipeline shall be sealed from the outside so that it does not act as a drainage path.	Yes Agreed	
(f)	The casing/conduit pipeline should as minimum extend from drain in cuts and toe of slope in the fills.	Yes Agreed	
(g)	The tap of the casing/conduit pipeline 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. Mention the proposal details.	Yes Agreed	
(h)	Mention the methodology proposed for crossing of road for the proposed water pipeline crossing shall be by boring method (HDD) (Trench less Technology) especially.	method HDD Trenchless Technology	
	Where the existing road pavement is of cement concrete or dense bituminous concrete type.	Bituminous concrete type	
2	Documents/Drawing to be enclosed with the proposal.	Yes	
2.1	Cross section showing the size of the trench for open trenching method (Is it normal size of 1.65 m deep x0.3m wide)	1+dia of pipeline for depth and 0.6+dia of pipeline for width and as on section attached	
(i)	Should not be greater than 60 cm wider than the outer diameter of the pipeline.	Yes	
(ii)	Located as close to the extreme edge of the right of way as possible but not less than 15 meter from the centre lines of the nearest carriageway.	Yes Agreed	
(iii)	Shall not be permitted to run across the National Highway when the bad formation is situated in double cutting. Nor shall be these laid over the existing culverts or bridges.	Yes agreed, it will be laid along highway at the extreme edge of the right of way	
(iv)	These should be so land that top is at least 6 m. below the ground level so as not to obstruct drainage of the road land.	Top will be 2.0 to 3.0 m in depth below GL	
2.2	Cross section showing the size of pit and location of pipeline for HDD method.	Yes Drawing Attached	
2.3	Strip plan/Route plan showing the water pipeline. Chainage, width of ROW, distance of proposed pipeline from the edge of ROW, important milestone, intersections, cross drainage works etc.	Strip plan Attached	
2.4	Methodology for crossing of the water pipeline	Trenchless Technology	
2.4.1	Open trenching method, (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes what is the methodology or refilling of trench.	Yes	
(i)	The trench width should be at least, but not more than 60 cm wider than outer diameter of the pipeline.	Yes	
(ii)	For filling of the trench debris shall be to a	Yes	


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	depth of not less than 30 cm. It shall consists of granular material. Free of lumps, clods and cabbies and graded to yield a firm surface without sudden change in the bearing value Unsuitable soil and rock edged should be excavated and replaced by selected material.		
(iii)	The back fill shall be completed in two stages (i) side fill to the level of the top of the pipeline and (ii) overfill to the bottom of the road crust.	Yes, agreed	
(iv)	The side fill shall consist of granular material land 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor's density. Over fill shall be compacted to the same density as the material that had been removed consolidation be saturation or pounding will not be permitted.	Yes, agreed	
(v)	The road crust shall be built to the same		
(vi)	Strength as the existing crust on either side of the trench care shall be taken to avoid the information of dip at the trench.	Yes, agreed	
(vii)	The excavation shall be protected by flagman, signs and hurricanes' and red light during night hours.	Yes, agreed	
2.4.2	Horizontal Directional drilling (HDD) method	N.A.	
2.4.3	Methodology for laying of pipeline through CD work and method of laying. In case where the carrying of water pipeline on the bridge becomes inescapable.	Yes, Using existing culvert & under pass for crossing of pipe line	
3	Draft license agreement signed by two witness	Enclosed	
4	Performance Bank Guarantee in favors of NHAI has to be obtained @ Rs. 100/- per running meter (Parallel to NH) and Rs. 1, 00,000/- per crossing of NH for a period of one year initially. (Extendable if required bill satisfactory) completion of work) as a security for ensuring/making good the excavated trench for crossing the water pipeline/ducts by proper filling and compaction clearing debris/loose earth produced due to excavation of trenching at least 50 meter away from the edge of the right of way (ROW) No. payment shall be payable by NHAI to the license for clearing debris/loose earth. Performance BG as per above i to be obtained.		
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	Yes, Enclosed	
5	Affidavit/Undertaking from the applicant for the following is to be furnished		
5.1	Not to damage to the other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.	Yes, Enclosed	
5.2	For Renewal of Bank Guarantee	Yes, Enclosed	


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5.3	For confirmation all standard conditions of ministry circulars and NHAI's guidelines.	Yes, Enclosed	
5.4	For shifting of pipelines as and when required by NHAI at their own cost.	Yes, Enclosed	
5.5	For shifting of water pipelines due six laneswidening of NHAI	Yes, Enclosed	
5.6	For indemnity against all damage and claims	Yes, Enclosed	
5.7	For traffic movement during crossing of pipeline to be managed by the applicant	Yes, Enclosed	
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant.	Yes, Enclosed	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the water pipeline/any other utility located in the National Highway right of way's	Yes, Enclosed	
5.10	Expenditure if any, incurred by NHAI for repairing any damage caused to the National Highways by crossing maintenance of shifting of the water pipeline will be borne by the applicant agency owning the line.	Yes, Enclosed	
5.11	If the NHAI considers it necessary in future to move the utility line for any work of improvement of repairs to the road. it will be carried out as desired by NHAI at the cost of the agency owning the utility line within the reasonable time (not exceeding 60 days) of the intimation given.	Yes, Enclosed	
5.12	Certificate from the applicant in the following format :		
(i)	Crossing of water pipeline will not have any dexterous effect on any of the bridge components and roadway safety for traffic,	Yes, Enclosed	
(ii)	We do undertaken that I/We will relocate service and road/approach road/utilities at my/our own cost note withstanding the permission granted within such time as well be stipulated by NHAI for future six leaning or any other development.		
6	Who will sign an agreement on behalf of water pipeline agency?	Authorized Representative Shri Mukesh Pal SinghExecutive Engineer, Construction Division, UP Jal Nigam, (Urban), Jhansi	
	Power of attorney to sign the agreement is available or not.	Yes	
7	The Project Director will submit the following certificates.		
7.1	Certificates for proposal for confirming of all standard condition issued vide Ministry of Road Transport No. NH-III/P/66/76 dated 18/19-11-1976. Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982. Ministry Circular No. RW/NHH-11037/I/86-DOI dated 19.01.1995 MinitryCircular No. RW/NH-	Enclosed	


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	34066/2/95S&R dated 25.10.1999. Ministry Circular No. RW/NH-34066/7/2003 S& R (B) dated 17.09.2003. Ministry Circular No. RW/NH-33044/29/2015/S&R dated 22.11.2016.		
7.2	Certificate from PD in the following format		
(i)	It is certified that any other location of the water pipeline would be extremely difficult and unreasonable costly and installation of water pipeline 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,	Enclosed	
(ii)	For 6 laning (a) where feasibility is available, I do certify that there will be no hindrance to the feasibility report considering proposed structured at the said location, (b) in case feasibility report is not available I do certify that sufficient ROW is available at side for accommodating sixlaning.	Enclosed	
8	If NH section proposed at be taken up by NHAI on BOT basis a clause is to be inserted in the agreement the permitted Highway on which license has been granted the to lay water pipeline/duct has been granted as a right of way to the concessionaire under the concession agreement for [Design, Construction, Development, Finance, Operation and Maintenance of Km ----- National Highway No. -----in the state of Uttar Pradesh (Package-----) on BOT (ANNUITY) BASIS] and therefore, the license shall honor the same."	Yes Inserted in the agreement	
9	Who will supervise the work of crossing of waterpipeline.		
(a)	On behalf of the Applicant	Executive Engineer, Construction Division, UP Jal Nigam, (Urban), Jhansi	
(b)	On behalf of NHAI	Project Director - NHAI	
10	Who will ensure that the defects in road portion after crossing of water pipeline are corrected and if not corrected then what action will be taken		
(a)	On behalf of the Applicant	Executive Engineer, Construction Division, UP Jal Nigam, (Urban), Jhansi	
(b)	On behalf of NHAI	Project Director - NHAI	
11	Who will pay the claims for damages done/disruption in working of concessionaire if asked by the concessionaire		
	On behalf of the Applicant	Executive Engineer, Construction Division, UP Jal Nigam, (Urban), Jhansi	
12	A certificate from PD that he will enter the proposed permission in the register of	Will be entered into Register	Executive Engineer Construction Division U.P. Jal Nigam (Urban) JHANSI

	records of the permission in the prescribed Performa.		
13	If any previous approval is accorded for crossing of underground water pipeline then photocopy of register or records of permissions accorded as maintained by PD then copy be enclosed	NA	


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