



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-पश्चिम उ०प्र०, लखनऊ

Regional Office - West UP, Lucknow.

3/248, विशाल खण्ड, गोमती नगर, लखनऊ-226010 (उ.प्र.)

3/248, Vishal Khand, Gomti Nagar, Lucknow-226010 (UP)

19001/1/RO-W-UP/NH-44/Km. 21.380-21.400/WPL/ 709.

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Dated: 23.04.2021

Invitation of Public Comments

Sub: Proposal for NOC permission for execution of Water Pipe Line at NH-26 (New NH-44) (Crossing) at Ch. 21.380 to 21.400 village-near Chakarpur by Madhya Pradesh Jal Nigam Maryadit, PIU, Azad Ganj, Niwari, District-Niwari (M.P.) in the State of Madhya Pradesh- reg.

The General Manager, M.P. Jal Nigam Maryadit, PIU Niwari has submitted the proposal through PD, PIU-Kanpur for NOC permission for execution of Water Pipe Line at NH-26 (New NH-44) (Crossing) at Ch. 21.380 to 21.400 village-near Chakarpur by Madhya Pradesh Jal Nigam Maryadit, PIU, Azad Ganj, Niwari, District-Niwari (M.P.) in the State of Madhya Pradesh.

2. From the submitted proposal, it is seen that as per checklist, the Water Pipe Line is proposed for crossing between Ch. 21.380 to Ch. 21.400. Width of available ROW is 60m and length of crossing pipeline is also 60m. Laying work will be carried out through Horizontal Directional Drilling (HDD) method. The existing NH is 4-lane divide carriageway.

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 General Manager cum Regional Officer,
National Highways Authority of India
Regional Office, UP-West, Lucknow
3/248, Vishal Khand, Gomti Nagar
Lucknow-226 010**

This issues with the approval of RO-UP (West), Lucknow.

Encl: As above.

(A. R. Chitranshi)
DGM (T)
For RO-UP (West)

Copy to:

1. Web Admin, NHAI, HQ - with a request for uploading on the NHAI website.
2. The Technical Director, NIC, Transport Bhawan, New Delhi - with a request for uploading on Ministry's website.
3. The General Manager, M.P. Jal Nigam Maryadit, PIU-Niwari (MP) for information.
4. PD, PIU-Kanpur and Manager (T), Site Office-Jhansi for information.

"Building a nation, not just Roads."

CHECK LIST

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Guidelines for Project Directors for processing the proposal for laying of Underground Water supply Pipe line in the land across National Highway vested with NHAI.

Relevant Circulars:-

1. Ministry Circular No. NH-41 (58)/68 Dated 31-01-1969
2. Ministry Circular No. HN-III/P/66/76 dated 18/19-11-1976
3. Ministry Circular No. RW/NJ-111/P/66/76 dated 01-05-1982
4. Ministry Circular No. RW/NH/11037/1/86-DO (ii) Dated 28/7/1993
5. Ministry Circular No. RW/NH/11067/1/86-DOI Dated 19/1/1995
6. Ministry Circular No. RW/NH/34066/2/95/S&S Dated 25/10/1999
7. Ministry Circular No. RW/NH/34066/7/2003/S&R Dated 17/9/2003

CHECK LIST FOR GETTING APPROVAL FOR LAYING Pipe lines			
Sr. No.	Item	Information/Status	Remarks
1	General Information	Permission for crossing of Water supply Pipe line under NiwadiPrithvipur Multi Village Rural Water Supply Scheme Project - Niwari, District-Niwari , GM, MPJNM, PIU - Tikamgarh, MP.	
1.1	Name and Address of the Applicant	The GM, Madhya Pradesh Jal NigamMaryadit PIU Tikamgarh, Vaishali Nagar Behind Nagar Palika Office Tikamgarh, Dist.- Tikamgarh (M.P.)	
1.2	National Highway Number	NH - 44 (Jhansi to LalitpurRoad)	
1.3	State	Madhya Pradesh	
1.4	Location	NH-44 (Chakarpur Village)	
1.5	Chainage in km.	CH- 21+380 to CH- 21+400	
1.6	Length in Meters	60 Meter	
1.7	Width of Available ROW	60 Meter	
	A. Left side from centre line (towards increasing Chainage/km. direction)	NA	
	B. Right side from centre line (towards increasing Chainage km. direction)	RHS	
1.8	Proposal to lay underground water pipeline		
	A. Left side from centre line (towards increasing Chainage/km. direction)	NA	
	B. Right side from center line (towards increasing Chainage/km. direction)	RHS	
1.9	Proposal to Acquire Land	NIL	
	A. Left side of the centre line	NA	
	B. Right side from the centre line	NA	
1.10	Whether proposal is in the same side where land is not to be acquire, if not then where to lay the water	NA	

Project Director
National Highways Authority of India
P.U., Kanpur

MANAGER
MPJNM
PIU-Tikamgarh (M.P.)



GENERAL MANAGER
M.P. Jal Nigam Maryadit
PIU-Tikamgarh (M.P.)

1.11	Details of already laid services, if any along the proposal route	Not found any	
1.12	Number of lanes (2/4 or 6/8) existing	4 Lanes	
1.13	Proposed number of lanes (2 lane with paved shoulders of 4 or 6/8 lane	4 Lanes	
1.14	Service road (existing or not) Y/N, if yes then which side	NA	
	A. Left side from centre line (width)	NA	
	B. Right side from centre line (width)	NA	
1.15	Proposed service road	NA	
1.16	Whether proposal to lay water pipeline is beyond the service road of between the service road and main carriageway	NA	
1.17	The permission for laying of water pipeline shall be considered for approval/ rejection as based on Ministry Circular mentioned as above		
	A. Carriage of sewage/gas pipeline 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 gas	NA	
	B. Carrying of Gas pipeline on bridges shall also be discouraged, however if the gas authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridge is finalized the may be permitted to carry the pipeline in independent superstructure supported on extended portions of piers and abutment in such a manner that in the final arrangement, enough free space around the superstructure of the bridge remains available for inspection and repairs etc.	NA	
	C. Cost of required extension of the sub-structure as well as that the supporting superstructure shall be borne by the agency in charge of the utilities	No existing structure found on the route	
	D. Services are not being allowed indiscriminately on the parapet/any part of the bridge. Safety of the bridges has to be kept in view while permitting a various services along bridge approvals are to be accorded in this regard with the concurrence of the Ministry's project Chief Engineers only.	Agreed	
1.18	Is crossing of the road involved, if yes, it shall be either encased in pipelines or through structure or conduit specially built for the purpose at the expenses of the agency owning the line.	Yes, Crossing of the road involved and pipe is encased with 600 mm diams pipe.	
	A. Existing drainage structure shall not be allowed to carry the lines	Agreed	
	B. Is it on a line normal to NH	YES	
	C. Crossing shall be too near the existing structure on the National Highway. The minimum distance being 15 m. What is the	No existing structure found on the route	

प्रबंधक (तकनीकी)

MANAGER (TECH)

भारतीय राष्ट्रीय राजमार्ग प्रांतीय
NHAI, Siliguri Office, Jharkhand

Project Director

★ Association ★

MANAGER

MPJNM

PIU-Tikamgarh (M.P.)

GENERAL MANAGER

M.P. Jal Nigam Maryadit

PIU-Tikamgarh (M.P.)

	distance from the existing structure		
	D. The casing pipe (or conduit pipe in case of electric cable) carrying the utility line shall be of steel cost iron or reinforced Cement concrete and have adequate strength and be large enough to permit ready with drawl of the carrier pipe/cable	600 mm diams casing pipe.	
	E. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does as a drainage path	Yes agreed	
	F. The casing/conduit pipe shall be sealed from drain to in cuts and loe of slope in the fills	Yes agreed	
	G. The top of the casing/conduit pipe should be at least 12m. below the surface of the road subject to being at least 03 m. below the drain invert	Yes agreed	
	H. Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type	Yes, crossing shall be done through Horizontal boring method (HDD).	
	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 a waterway along it	Yes agreed	
1.18.1	If crossing of the road involved, total No. of crossing	Drawing and Annexure Enclosed.	
1.18.2	Location of Crossing	Location of Road Crossing NH-44 (Jhansi- Lalitpur Road). Ch 21+380 to Ch 21+400 (Chakarpur Village)	
1.18.3	Total crossing charges @ Rs. 1.00 lakh per crossing	Yes agreed	
1.18.4	Deposit Details of crossing charges:- i) Demand Draft No. & Date ii) Issuing Bank iii) Valid upto:-	DD No. 075201 Dt. 28/03/2019 ICICI Bank Rs. 100000.00	
2	Document/Drawing enclosed with the proposal	Yes, Drawing and Annexure Enclosed	
2.1	Cross section showing the size of the trench for open trenching method if is normal size of 12 deep x0.3m width	Yes agreed	
	(i) Should not be greater than 60cm wider than the outer diameter of the pipe	Yes agreed	
	(ii) Located as close to the extreme edge of the right of way as possible but not than 15m. from the centre lines of the nearest carriage way	Yes agreed	
	(iii) Shall not be permitted to run along the National highway when the road formation is situated in double cutting nor shall these be laid over existing culverts and bridges.	Yes agreed	
	(iv) These should be so laid that their top is at least 0.6m below the ground level so as not to obstruct drainage of the road land	Yes agreed	

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NHAI Site Office, Jhansi

2.2	Cross section showing the size of pit and location of cable for HDD method	Attached	
2.3	Strip plan/route plan showing water pipe line Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections cross drainage works etc.	Yes, Drawing and Annexure Enclosed	
2.4	Methodology for laying of water pipe line		
2.4.1	Open trenching method (may be allowed in the utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type, if yes methodology or refilling of trench	Horizontal Directional Drilling Methodology (HDD) Trenchless Digging Technology is used for crossing pipe on NH and open trenching method is used for laying pipe line along the edge of NH ROW.	
	A. The trench width should be at least 30cm but not more than 60m wider than the outer diameter of the pipe	Yes agreed	
	B. for filling of the trench. Bidding shall be to a depth of not less than 30cm. 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. Unsuitable soil and rock edges should be excavated and replaced by selected material	Yes agreed	
	C. The backfill shall be completed in two stages.		
	(i) Side fill to the level the top of the pipe and (ii) Overfill to the bottom of the road crust	Yes agreed	
	D. The side fill shall consist of granular material laid in 15m layers each consolidated by mechanical tempering and controlled additional of moisture of 90% of the proctors density over fill shall be compacted to the same density as the material that had been removed Consolidation by saturation or pending will not be permitted.	Yes agreed	
	E. The road crust shall be built to the same strength as the existing crust on either side of the trench. Core shall be taken to avoid the formation of dip at the trench	Yes agreed	
	F. The required, a diversion shall be constructed at the expense of the agency owning utility line	Yes agreed	
	G. If required, a diversion shall be constructed at the expense of the agency owning utility line	Yes agreed	
2.4.2	Horizontal Directional drilling (HDD) method	For Road crossing across National Highway	
2.4.3	Laying of water supply pipe line through CD work and Method laying	NA	

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NHA, वाई जामुन, जमशेदपुर

	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 a distance of 30m from the bridge and subject to all other stipulation contained in the ministrys guidelines issued with letter no. NH-HI/p/66/76, Dated 19-11-1976	Yes agreed	
3	Draft license agreement signed by two witnesses	Yes Enclosed	
4	Performance bank guarantee in favour of NHAI has to be obtained @ Rs. 100/- per running meter (Parallel to Road) for a period of one year initially (Extendable if required till satisfactory completion of work) as a security for ensuring/ making	NA	
	Good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to executing of trenching at lest 30m away from the centre line of the road or eddge of the right of way, No. payment shall be payable by the MPRDC to the licensee for clearing debris/Loose earth	Yes agreed	
4.1	Performance BG as per above it to be obtained	Yes agreed	
4.2	Confirmation of BG has been obtained:	Will be obtained after permissible of crossing is issued	
5	Affidavit/undwertaking from the applicant for the following is to be furnished	In Rs. 100/- non-Judicial stamp paper	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NH or to the concerned agency	Yes Enclosed	
5.2	Renewal fo bank guarantee	Yes agreed	
5.3	Confirming all standard condition of NH guidelines	Yes agreed	
5.4	Shifting to water pipeline as and when required by NH at their own cost	Yes agreed	
5.5	Shifting due to widening of road	Yes agreed	
5.6	Indemnity against all damages and claims	Yes agreed	
5.7	Traffic movement during laying of water pipeline to be managed by the applicant	As Pipeline shall be laid through HDD method, therefore there will not be any hindrance to the existing traffic.	
5.8	If any claim if raised by the Concessionaire (if any) then the same has to be paid by the applicant	Yes, obtained and enclosed	
5.9	Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs of alteration to the showing water pipe line located in the right of ways	Yes, obtained and enclosed	
5.10	Expenditure if any incurred by NH for repairing any damage cause to the road by the laying Maintenance or shifting of the water pipe line	Yes, bidding and Undertaking obtained	

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भारत प्रा. हाईट ऑफिस डॉर्स
NHAI, State Office, Jharkhand

	will be borne by the agency owning the line		
5.11	If the NH consider if necessary in future to move the utility line for any work of improvement or repairs of the road. It will be carried out as desired by the NH or the cost of the agency owning the utility line with in a reasonable time (not exceeding 60 days) of the intimation given	Yes, bidding and Undertaking obtained	
5.12	Certificate from the applicant in the following format	Yes, bidding and Undertaking obtained	
	I Laying of water pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic	Yes agreed	
	ii for future widening/development work: we do undertake that will relocate service road/approach road/utilities at my own cost notwithstanding the permission granted within such time as well be stipulated by NH	Yes agreed	
6	Who will sign the agreement on behalf of GM, MPJNM, PIU – Tikamgarh, MP	GM, MPJNM, PIU- Tikamgarh, MP	
7	The Project Director, will submit the following Certificates		
7.1	Certificate for confirming of all standard condition issued, vide ministry circular no. NH 41/(58)/68 Dated 31.01.1969 Ministry circular no. NHIII/P/66/76/ Dated 11-05-1982 Ministry circular no. RW/NH- 11037/1/88-DOI (ii) dated 02/07/1993 Minister circular no. RW/NH- 11037/186/DOI, Dated 19-01-1995		
	Ministry circular no. RW/NH/31066/2/05/S&R, Dated 25/10/1999 and Ministry circular no. RW/NH-34066/7/2003 S&R (B) Dated 17-09-2003		
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 the installation of water pipeline with in ROW will not adversely affect the design stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway easing of curve etc.	Yes, attached herewith	
	(ii) for 2/4/6 laning		
	(a) Where there is feasibility available I do certify that there will be no hindrance to proposed two/ four/ six lanning based on the feasibility report considering proposed structure at the side location		
	(b) In case feasibility reports is not available – I do certify that sufficient ROW is available at site for accommodating proposed two/ four / six lanning		

प्रबंधक (तकनीकी)
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NHAI, Site Office, Indore

MANAGER
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PIU-Tikamgarh (M.P.)

GENERAL MANAGER
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PIU-Tikamgarh (M.P.)

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 licensee has been granted the right to lay water pipe line cable/duct has also been granted as a right to way to the concessionaire under the concession agreement for up gradation of (-----No. --- on build, operate and transfer basis) and therefore the licensee shall Honors the same	Clause is inserted in the Agreement	
9	Who will supervise the work of laying of water pipeline	GM, MPJNM, PIU- Tikamgarh	
10	Who will ensure that the defects in road protion after laying of water laying of water laying of water pipeline are corrected and if not corrected then what action will be taken ?	GM, MPJNM, PIU- Tikamgarh	
11	Who will pay the claims for damages done/ disruption in working of concessionaire if asked by the concessionaire	Madhya Pradesh Jal Nigam Maryadit	
12	A certificate from PD that he will enter the proposed permission in the register records of the permission in the prescribed performa.	Will be entered into register.	
13	If any previous approval is accorded for crossing of underground water pipeline then photo copy of register of records of permission accorded as maintained by PD then copy be enclosed.	NA	



Assistant
MANAGER
MPJNM
PIU-Tikamgarh (M.P.)

[Signature]
GENERAL MANAGER
M.P. Jal Nigam Maryad
PIU-Tikamgarh (M.P.)

[Signature]
प्रबंधक (तकनीकी)
MANAGER (TECH.)
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NHAI, Site Office, Jabhosi

[Signature]
Project Director
National Highways Authority of India
NHAI, Kanpur