



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

**NATIONAL HIGHWAYS AUTHORITY OF INDIA**

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

क्षेत्रीय कार्यालय \ REGIONAL OFFICE

ई-2/167, अरेरा कॉलोनी, हबीबगंज रेल्वे स्टेशन के पास, भोपाल (म.प्र.) 462 016

E-2/167, Arera Colony, Near Habibganj Railway Station, Bhopal (M.P.)-462 016

दूरभाष/Phone : 0755-2426638, फैक्स/Fax : 0755-2426698, ई-मेल/E-mail : robhopal@nhai.org

NHAI/RO-MP/GWL/NH-46&27(Madikheda)/MPJNM/2022/46406

Dated: 19.04.2022



सत्यमेव जयते



भारतमाला  
प्रगति के पथ पर अग्रसर  
**BHARATMALA**  
ROAD TO PROSPERITY

## Invitation of Public Comments

Sub: Proposal for laying pipeline along and across the NH-27 and NH-46 for Madikheda Multi Village Scheme. Recommendation for issuance of permission as per MoRTH Guideline dated 22.11.2016 and Section-38 of Chapter VI of "The Control of National Highways (Land & Traffic) Act, 2002: - **Invitation of the Public Comments as per Ministry Guideline dated 22.11.2016-Reg.**

Ref: PD, PIU Gwalior letter no. 6136 dated 28.03.2022.

Vide above reference proposal for permission of crossing for laying of subjected matter.

2. As per Ministry vide OM No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016, the Highways Administrator will make available the proposal seeking permission for utility laying for public comments for 30 days on ground of public interest.

3. In view of the above the comments of public are invited on captioned proposal and the same should reach to below mentioned address till 19.05.2022 beyond which no comments will be considered.

**The Highway Administrator  
O/o Regional Officer,  
National Highways Authority of India  
E-2/167, Arera Colony,  
Near Habibganj Railway Station,  
Bhopal (MP)-462016  
E-mail ID:robhopal@nhai.org**

This issues with the approval of Regional Officer cum Highway Administration.

  
(Abdulla Javed Azmi)  
Dy. General Manager (T)

### Copy to:

- Web Admin, NHAI-HQ-with request for uploading on the NHAI website.
- The Senior Technical Director, NIC, Transport Bhawan, New Delhi-110001 for uploading on Ministry's Website.
- The Project Director, NHAI, PIU-Gwalior (M.P.) for information.
- General Manager, Madhya Pradesh Jal Nigam Maryadit, PIU Gwalior (MP).



### CHECK - LIST

Guideline for Project Direction for processing the proposal for laying of water pipe line in the land along National Highway vested with NHAI.

- Relevant Circulars of Ministry of Road Transport and Highways
- 1) Circular No. NH-III/P/66/76 dated 18/19.11.1976.
- 2) Circular No. RW/NH-III/P/66/76 dated 11.05.1982.
- 3) Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.07.1993.
- 4) Circular No. RW/NH-11037/1/86/DOI dated 19.01.1995.
- 5) Circular No. RW/NH- 34066/2/95/S&R dated 25.10.1999.
- 6) Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.09.2003.

Check list for getting approval for lying of Water Pipe line on NH land (To be filed by the PIU).

The permission for laying for water Pipe Line shall considered for approval / rejection based on the Ministry Circulars mentioned as above.

(a) Carrying of sewage/ water Pipe line on Highway Bridge shall not be permitted as Fumes/gas/water pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water.

(b) Service are not being allowed crimate on the parapet / any part of the bridge, safety of the bridges has to be kept in view while permitting various service along bridge.

Sr. No.	ITEM	INFORMATION STATUS	REMARKS
1	General Information	Apply for Permission of laying water pipeline parallel and crossing the NH	
1.1	Name and Address of the Application/ Company	Madhya Pradesh Jal Nigam Maryadit , Gwallior	
1.2	National Highway Number	NH 46	
1.3	State	Madhya Pradesh	
1.4	Location	Mohana to Sigakheda Road	
1.5	Chainage in KM	59.000 to 99.000 99.600 to 102.200 102.800 to 119.220 123.500 to 124.700 125.950 to 128.200 129 to 133.800 139.200 to 142 145.800 to 153.600 156.500 to 159.400 160.880 to 171.400 173 to 181.070	Modified as per attached list Appendix - A  CA/Int  CA/Int
1.6	Length of Meter( length in km)	<del>119.36 KM</del> 118.07	
1.7	Width of Available ROW	As per attached drawing	
	(a) Left Side from Center line towards increasing Chainage/KM direction	As Per Attached Drawing	
	(b) Right Side from Center line towards increasing		



	Chainage/KM direction	As Per Attached Drawing	
1.8	Proposal to lay underground electrical Cable	NA	
1.9	Proposal acquire land	NA	
	(a) Left Side From Center Line (b) Right Side from Center Line	As per attached cross section	
1.10	Whether Proposal is in the same side where land is not to be acquire If not then where to lay the cable	NA	
1.11	Details of already laid service, if any, along the proposed route	NIL	
1.12	Number of Existing lanes (2/4/6/8 lanes).	4	
1.13	Proposed Number of lanes( 2 lane with Paved shout/4/6/8 lanes)	No proposal till date	
1.14	Service road existing or not If yes when which side (a) Left side from center side (b) Right side from center side	NA - - -	
1.15	Proposed Service Road (a) Left side from center side (b) Right side from center side	NA - -	
1.16	Whether Proposal of lay Water Pipe line is after the service road or between the service road or between the service road and main carriageway	NA	
1.17	Whether Carrying of Sewage /Lay Water Pipeline has between the closed on highway Bridges, If yes than mention the methodology proposed for	NA	
1.18	Whether carrying of sewage/lay water pipeline has been proposed on parapet/any part of bridges. If yes, then mention the methodology proposed for the same.	NA	
	If crossing of the road involved If yes, It shall be either encased in pipe or through structure or conduits specially built for that purpose at the expense of the agency owning the line.	As Per Annexure 1 Appendix B 2	
	(a) Whether existing drainage structure are allowed to carry sewage/ water pipeline	No	
	(b) Is it on a line normal to NH	Yes	
	(c) What is the distance of crossing the sewage /water pipeline from the existing structure. Crossing shall not be too near the existing structures on the NH, the maximum distance being 15 m.	No	
	(d) The crossing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron or reinforcement cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable.	Yes	
	(E) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(F) The Casing /conduit pipe should, as minimum	Yes	



	extend from drain in cuts and toe of slope.		
	(G) The top of the Casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts, Mention the proposed details.	1.5 m	
	(H) Mention the methodology proposed for crossing of road for the proposed sewage/pipe line crossing shall be by boring method(HDD) ( Trench –less Technology),Specially ,where the existing road pavement is of cement concrete or dense bituminous concrete type.	Horizontal Auger Boring Method Pulling or pushing methods  Dense Bituminous/BC at the location of crossing	
	(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	
2	Document /Drawing to be enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method is it normal size of 1.2m deep x 0.3 wide (i) Should not be greater than 60cm wider than the outer diameter of the pipe. (ii) Located as close to the extreme edge of the right of way as possible of the nearest carriageway. (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 the existing culverts and bridge. (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.	Enclosed 8 No.	
2.2	Cross section showing the size of pit and location of cable for HDD method.	Enclosed (As per Drawing)	
2.3	Strip plan, Route Plan showing Water Pipe line , Chainage, width of ROW, distance of proposed water pipe line from the edge of ROW, important mile stone, intersections , cross drainage works etc.	Enclosed	
2.4	Methodology for laying of Water Pipe line	Enclosed	
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 than the outer diameter of the pipe?	NA	
	(a) The width should be at least 30 cm, but not more than 60 cm wider than outer diameter of the pipe.	Yes	
	(b)For filling of the trench, bedding shall be to a depth 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	yes	



	change in the bearing value . Unsuitable value. Unsuitable soil and rock edged should be excavated and replaced be selected materials		
	(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	
	(d) The side-fill shall of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's 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.	yes	
	(g) If required, a division shall be constructed at the expenses of agency owning the utility line.	-	
2.4.2	Horizontal Direction Drilling (HDD) Method	Yes	Horizontal Auger Boring Method
2.4.3	Methodology for laying of Water Pipe Line through CD works and method of Laying. In cases where the carrying of Water pipeline on the bridge becomes inescapable.	Yes	Channeling of CD work at the depth of 1.5 mtr
3	Draft License Agreement signed by two witnesses.	Enclosed	
4	Performance Bank Guarantee in favor of NHAI has to be obtained @ Rs. 50/- per running meter (Parallel to NH) and Rs100000/- 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 Water pipeline/ ducts by proper filling and compaction, clearing debris/ loose earth produced due to execution of trenching at least 50m away from the edge of the right way. No payment shall be payable by the NHAI to the license for clearing debris/ loose earth. Performance BG as per above is to be obtained.	Whether obtained or not	BG will be submitted in due course. (Pipeline alignment along NH-46 of 119.36 km and thirty NH-46 Crossing.)
4.1	Confirmation of BG has been obtained or not as per NHAI guidelines.	BG shall be submitted as per NHAI as per demand note	BG will be submitted in due course.
5	Affidavit/ Undertaking from the applicant for the following is to be furnished	Yes	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Yes	
5.2	For Renewal of Bank Guarantee.	Yes	



5.3	For Confirming all standard condition of Ministry circulars and NHAI's guideline.	Yes	
5.4	For Shifting of Water pipeline as and when required by NHAI at their Owen cost.	Yes	
5.5	For Shifting of water pipeline due to 6 lanning/widening of NH	Yes	
5.6	For Indemnity against all damages and claims	Yes	
5.7	For Traffic movement during laying of water Pipe Line to be managed by the applicant	Yes	
5.8	If any claim is raised by Concessionaire then the same has to be paid by the applicant.	Yes	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water Pipe line any other utility located in the National Highway right of ways.	Yes	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage cause to the national Highway by the laying, maintenance or shifting of the water pipeline will be borne by the applicant agency owing the line.	Yes	
5.11	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 NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Yes	
5.12	Certificate from the applicant in the following format (i) Laying of water Pipe Line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) "We do undertake that I/We will relocate service road/ approach road/ utilities at my/ our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-lanning or any other development.	Yes	
6	Who will sign the agreement on behalf of water pipeline agency.	General Manager, MPJNM, Gwalior	
	Power of Attorney to sign the agreement is available or not	Yes	
7	The Project Director, will submit the following Certificates	Yes	
7.1	Certificate for proposal for confirming of all standard condition issued vide Ministry of Road Transport and Highways Circular No. NH-III/P/66/76 dated 18/19.11.1976, RW/NH-III/P/66/76 dated 11.05.1982, RW/NH-11037/1/86-DOI(ii) dated 28.07.1993, RW/NH-11037/1/86/DOI dated 19.01.1995, RW/NH-34066/2/95/S&R dated	Enclosed / Not enclosed	



	25.10.1999 and Circular No. RW/NH-34066/7/2003S&R (B) dated 17.09.2003		
7.2	<p>Certificate from PD in the following format (i) "it is certified that any other location of water Pipeline would be extremely difficult and unreasonable costly and installation of water pipeline within ROW will not adversely affect the design, stability &amp; traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."</p> <p>(ii) For 6-lanning</p>	Enclosed / Not enclosed	
7.3	<p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location."</p> <p>(b) In case feasibility report is not available "I do certify that sufficient Row is available at site for accommodating proposed six-lanning."</p>	<p>Enclosed / Not enclosed</p> <p>Enclosed/ Not enclosed</p>	
8	If NH section proposed to 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 right to lay Water pipeline/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of Jaipur Tonk Deoli section from 18.7 Km to 65.00 Km of NH No. 12 on Build, Operate and Transfer Basis] and therefore, the licensee shall honour the same."	Interested	
9	Who will supervise the work of laying of water pipeline		
	(a) On behalf of the Applicant	General Manager ,MPJNM,Gwalior	
	(b) On behalf of NHAI	Manager	
10	Who will ensure that the defects in road portion after laying of water pipeline are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	General Manager	MPJNM, Gwalior
	(b) On behalf of NHAI	Project Director	
11	Who will pay the claim for damage done/ disruption in working of Concessionaire if asked by the Concessionaire		
	On behalf of the Applicant	General Manager	MPJNM, Gwalior
12	A Certificate from PD that he will enter the proposed permission in the register of records of the permission in the prescribed Performa (Copy enclosed).	Enclosed / Not enclosed	