



# 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-6/47, स्मृति परिसर, साईबोर्ड के पास, अरेरा कॉलोनी, भोपाल (म.प्र.)-462016

E-6/47, Smriti Parisar, Near Sai Board, Arera Colony, Bhopal (M.P.)-462016

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



NHAI/RO-MP/KNW/Pipe Line/Jal Jeevan Mission/2023/49686

Date: 21.08.2023

### Invitation of Public Comments

**Sub:** 4-Lanning of BoregaonBuzurg-Muktainagar section of NH-753L from Design Ch. 139+000 to 216+276 (Total Length = 77.278) under BharatmalaPariyojana in the state of Madhya Pradesh-Proposal for permission for crossing of water pipeline in NH-753L under Jal Jeevan Mission for Uchde and 07 villages, Tal. Bhusawal, Jalgaon Division-Reg.

**Ref:** PD, PIU-Khandwa letter no 1915 dated 18.08.2023

The Project Director, PIU-Khandwa vide their letter dated 18.08.2023 has recommended the Proposal for permission for crossing of water pipeline in NH-753L under Jal Jeevan Mission for Uchde and 07 villages, Tal. Bhusawal, Jalgaon Division.

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 20.09.2023 beyond which no comments will be considered.

**The Highway Administrator  
O/o Regional Officer,  
National Highways Authority of India  
E-6/47, SmritiParisar,  
Near Sai Board, Arera Colony,  
Bhopal (MP)-462016  
E-mail ID:robhopal@nhai.org**

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

(Paras Bansal)  
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-Khandwa (M.P.) for information & it is requested to get License fee & Bank Guarantee from Maharashtra JeevanPradhikaran, Jalgaon as per policy circular.
- The Executive Engineer Maharashtra JeevanPradhikaran, Jalgaon Division, Jalgaonfor information regarding in-principle approval of proposal by competent authority and to take necessary action for submission of License fee of Rs.56,400/- & Bank Guarantee of Rs.1,87,500/- to PD,PIU-Khandwa.



## CHECKLIST

Guidelines for Project Directors for processing the proposal for laying of lift irrigation supply pipe line in the land along National Highways vested with NHAI.

### Relevant Circulars:-

- 1) Ministry Circular No. NH - 41 (58)/68 dated 31/1/2/1969
- 2) Ministry Circular No. NH - 111 /P/66/76 dated 18/19 11.1976
- 3) Ministry Circular No. RW/NH - 111/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 dated 19.1.1995
- 6) Ministry Circular No. RW NH - 34066/2/95/S& R dated 25.10.1999
- 7) Ministry Circular No. No. RW/ NH - 34066/2/95 S& R (B) dated 17.9.2003
- 8) Ministry Circular No. No. RW/NH-33044/29/2015/S&R(R), dated- 22.11.2016
- 9) Ministry Circular No. NH-36094/01/2022-S&R(P&B), dated – 17.04.2023

### Check list for getting approval for laying of water pipeline along & across

Khamkheda Village **Along** 1) NH-753L RHS New CH. in KM 207+300 (Purnad Chaufuli) to 207+805 (ITI Collage Khamkheda Village), 2) LHS CH in KM 207+805 (ITI Collage Khamkheda to CH.in KM 208+780 (Khamkheda Village), **Across** 1) NH-753L New CH.KM 207 + 805 @ ITI Collage Khamkheda Village.

Sr. No.	Item	Information / Status	COMMENTS
1	General Information	Laying of water pipeline along & across NH-753L	
1.1	Name and Address of the Applicant / Agency	Executive Engineer, Maharashtra Jeevan pradhikaran Division Jalgaon, Dist. Jalgaon, Maharashtra	
1.2	National Highway Number	NH-753L	
1.3	State	Maharashtra	
1.4	Location	Khamkheda Village, Dist.Jalgaon	
1.5	(Chainage in Km)	<p><b><u>Along NH-753L</u></b></p> <p>1) NH-753L RHS New CH. in KM 207+300 (Purnad Chaufuli) to 207+805 (ITI Collage Khamkheda Village)</p> <p>2) LHS New CH in KM 207+805 (ITI Collage Khamkheda to CH.KM 208+780 (Khamkheda Village)</p> <p><b><u>Across NH-753L</u></b></p> <p>NH-753L New CH.KM 207 + 805 @ ITI Collage Khamkheda Village.</p>	



1.6	Length in Meters	Crossing length – 69 Mtr.	
1.7	Width of available ROW (Proposed)	60 Mtr.	
	(a) Left side from center line towards increasing chainage / km direction	30 Mtr.	
	(b) Right side from center line towards increasing chainage / km direction	30 Mtr.	
1.8	Proposal to lay underground WSP	NA	
	(a) Left side from center line towards increasing chainage / km direction	KM.207+805 to 208+780	
	(b) Right side from center line towards increasing chainage / km direction	KM. 207+300 to 207 + 805	
1.9	Proposal to acquire Land	Not Applicable	
	(a) Left side from center line	Not Applicable	
	(b) Right side from center line	Not Applicable	
1.10	Whether proposal is in the same side where land is not to be acquired	Not Applicable	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route	Not Applicable	
1.12	Number of lanes (2/4/6/8 lanes) existing	4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	4 Lanes	
1.14	Service Road existing or not	Not	
	If yes then which side		
	(a) Left side from center line		
	(b) Right side from center line		
1.15	Proposed Service Road		
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay Water pipeline is after the service road or between the service road and main carriageway	After the service road	
1.17	The permission for laying of water pipeline shall be considered for approval / rejection based on the Ministry Circulars as per Govt. Of India, MORTH guidelines RW/NH-33044/29/2015/S&(R) on Dated - 22 <sup>nd</sup> Nov 2016.	NO	
	(a) There should be Provision of Utility ducts for appropriate Category / Combination of utilities		
	(b) Utility Service laid in the		



	utility ducts if provided for the purpose		
	(c) In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of ROW as possible		
	(d) It is to be ensured that no time there is interference with the drainage of the road land maintenance of the National Highways. Towards this, the Top of the Utility services shall be at least 1.2 meter below the ground level.		
	(e) No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.		
	(f) In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct in such case shall not be less than one lane. In such cases, it also needs to be ensured.		
	The maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee as per the agreement.	Yes.	
1.18	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.		
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes , Agreed	



	(b) The utility services shall cross the National Highway preferably on a line normal to it or as nearly show as practicable. Maharashtra Jeevan pradhikaran shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing / conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.	Crossing will be done by water pipe line pipe of Dia. mm Passing through Utility pipe.	
	(c) The casing pipe may be installed under the route embankment either by boring or digging a trench. Installation by boring method shall prefer.	Pipe line cross through existing utility pipe as per site condition & Instruction from NHAI officials.	
	(d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable.	Yes , Agreed	
	(e) Ends of the casing / conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes , Agreed	
	(f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes, agreed.	
	(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 meter below the drain inverts.	Yes, agreed.	
	(h) Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense	Yes, agreed.	



	bituminous concrete type.		
	(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 water way along it.	Yes, agreed.	
2	Document / Drawings enclosed with the proposal	Yes	Enclosed with here
2.1	<p>Cross section showing the size of trench for open trenching method (Is it normal size of 1.2 meter deep X 1 meter wide).</p> <p>(i) Should not be greater than 60 cm wider than the outer diameter of the pipe</p> <p>(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.</p> <p>(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.</p> <p>(iv) These should be so laid that their top is at least 1.2 meter below the ground level so as not to obstruct drainage of the road land.</p> <p>(iv) These should be so laid that their top is at least 1.2 meter below the ground level so as not to obstruct drainage of the road land.</p>	<p>Yes, Agreed.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
2.2	Cross Section showing the size of pit and location of water pipe line for Digging Trench method	Yes	Enclosed with here
2.3	Strip plan / Route plan showing water pipeline, Chainage, width of ROW, distance of proposed cable from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Yes	Enclosed with here



2.4	Methodology for laying of showing water pipeline	Yes	Enclosed with here
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, Methodology of refilling of trench		
	(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 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 change in the bearing value.	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	
	(d) The side fill shall consist 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	yes
	(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	Yes	yes
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	At utility corridor
2.4.2	Horizontal Directional Drilling (HDD) Method	Yes	



2.4.3	Laying of Water pipeline through CD works and method of laying	NA	
3	Draft License Agreement signed by two witnesses	Yes, Agreed	
4	Performance Bank Guarantee in favour of NHAI has to be obtained @ Rs.50/- 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 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 produced due to execution of trenching at least 50 meter away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris / loose earth.	Yes, Agreed.	
4.1	Performance BG as per above is to be obtained.	Yes	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes	
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 here with
5.2	Renewal of Bank Guarantee	Yes	Enclosed here with
5.3	Confirming all standard condition of NHAI guideline	Yes	Enclosed here with
5.4	Shifting of cable line as and when required by NHAI at their own cost	Yes	Enclosed here with
5.5	Shifting due to 2/4/6 lanning / widening of NH	Yes	Enclosed here with
5.6	Indemnity against all damages and claims clause (xxiv)	Yes	Enclosed here with
5.7	Traffic movement during laying of water pipeline to be managed by the applicant	Yes	Enclosed here with
5.8	If any claim is raised by the Concessionaire then the same has to be paid by the applicant	Yes	Enclosed here with




5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs or alterations to the showing water Pipeline located in the National Highway right-of-ways.	Yes	Enclosed here with
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the cable line will be borne by the agency owning the line.	Yes	Enclosed here with
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	Enclosed here with
5.12	Certificate from the applicant in the following format	Yes	Enclosed here with
	(i) Laying of water Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	(ii) for 2/4/6 – lanning “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 four – lanning or any other development.”		
6	Who will sign the agreement on behalf of Water Pipeline agency?  Power of attorney to sign agreement available or not?	Shri S. C. Nikam Executive Engineer Maharashtra Jeevan Pradhikaran Division Jalgaon	
7	Certificate from the Project Director	-	
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No– NH-III/P/66/76 dated – 19.11.1976, Ministry Circular No– NH-III/P/66/76 dated– 14.5.1982,	Yes,	Enclosed with here

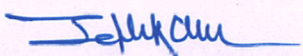


	Ministry Circular No – RW/NH-11037/1/86/DOI dated 19.1.1995		
7.2	Certificate from PD in the following format		
	<p>(i) "It is certified that any other location of the water Pipeline would be extremely difficult and unreasonable costly and the installation of Gas Pipeline within ROW will not adversely 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 2/4/6 – lanning</p> <p>(a) Where feasibility is available "I do certify that there will be no hindrance to proposed four-laning 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 four-laning".</p>	Enclosed	
8	If NH section proposed to be taken up by NHAI on HAM basis – a clause is to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of lay cable / duct has also been granted as a right of way to the concessionaire under the concession agreement for Four laning of chikhali to tarsad section from Km. 360+000 to Km. 422+700 of NH-06 on Hybrid annuity mode and therefore, the licensee shall honor the same."		
9	Who will supervise the work of laying of water Pipeline	Maharashtra Jeevan Pradhikaran Division Jalgaon	
10	Who will ensure that the defects in road portion after laying of cable are corrected and if not corrected then what action will be taken?	Independent Engineer of NHAI.	



11	Who will pay the claims for damages done / disruption in working of Concessionaire if asked by the Concessionaire?	Maharashtra Jeevan Pradhikaran, Division Jalgaon	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma.	Enclosed	-
13	If any previous approval is accorded for laying of underground water Pipeline then Photocopy of register of records of permissions accorded as maintained by PD then copy be enclosed	Not Applicable	-

  
**Sub-Divisional Engineer**  
**Maharashtra Jeevan Pradhikaran**  
**Sub-Division, Bhusawal**

  
**Executive Engineer**  
**Maharashtra Jeevan Pradhikaran**  
**Division, Jalgaon**