



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन एवं 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, फैक्स/Fax: 0755-2426698, ई-मेल/E-mail ID: robhopal@nhai.org

NHAI/RO-MP/IND/I-G/Pipeline/2024/E-254642/51309

Date: 18.07.2024



Invitation of Public Comments

Sub: 4-lanning of Dhangoan - Boregaon section of NH-347BG & 753L (Indore to Boregaon-Pkg IV) Design Ch.81.000 to 139.000 (Length 58.000 Km) under Bharatmala Pariyojana Phase-I in the State of Madhya Pradesh on Hybrid Annuity Mode-Work of excavation of Zhirniya Micro lift irrigation scheme on turnkey "Permission for laying of water pipeline crossing at km 85+950 km from Indore NH-347BG(Indore-Khandwa section) by pushing method (Trench less method) at Doudwa village near for Deshgaon execution of Zhirniya Micro Lift irrigation Scheme-reg

Ref: PD, PIU-Khandwa e-office file (Computer No. 254642).

The Project Director, PIU-Khandwa vide e-office file (Computer No. 254642) has recommended the proposal for Permission for laying of water pipeline crossing at km 85+950 km from Indore NH-347BG(Indore-Khandwa section) by pushing method (Trench less method) at Doudwa village near for Deshgaon execution of Zhirniya Micro Lift irrigation Scheme.

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 17.08.2024 beyond which no comments will be considered.

The Highway Administrator
O/o Regional Officer,
National Highways Authority of India
E-6/47, Smriti Parisar,
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.
- The Authorized Signatory, Executive Engineer, Narmada Development Division No. 21, Sanawad (M.P.) for information.

ROAD CROSSING OF NHAI (NH-347BG) ROAD
INDORE TO BURHANPUR AT CH 85.950 KM



CASING PIPE 3200 Ø
C.C. NP3 PIPE

3000MM Ø MS PIPE

75.30M
70.50M
12M
15.50M
4.50M
5.50M
1.20M

SECTION B-B

[illegible]

5(1)

Expenditure codes : 1- PPS - RURAL Manager(RO Bhopal) - PP, MANAGER

	(b) Right side from center line	12.00 m	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Not Applicable	
1.17	Whether carrying of water pipeline has been proposed on highway bridges. If yes then mention methodology proposed for the same.	NO	
1.18	Whether carrying of water pipeline has been proposed on parapet /any part bridges. If yes then mention methodology proposed for the same.	NO	
1.19	Is crossing of the road involved if yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owing the line.	Yes at One location	
	a) Whether the existing drainage structures are allowed to carry utility pipeline	NO	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility pipelines from the existing structure. Crossing shall not be too near the existing structure on the NH. The minimum distance being 15 Meter.	Not Applicable	
	d) The casing pipe carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength. Mention type of casting	R.c.c Pipe NP3	
	e) End of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path.	Yes	
	f) End of the casing/conduit pipe should, as minimum, extend from drain to drain in cuts & toe of slope in fills	Yes	
	g) The installation of casing pipe shall be as per attachment-1 as per ministry's guidelines dt. 22.11.2016	Yes, Minimum 1.2mtr Below the existing Ground	
	h) Mention the methodology proposed for road for the proposed Water pipeline. Crossing shall be boring method (HDD) (Trenchless technology) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Trenchless technology method	
1.20	Whether the proposal satisfies the following		
	a) Where the ROW is more than 45mtr then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 Mtr width, duly keeping in view the future widening	Yes	

	b) Where land is yet to be acquired for 4-laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 Mtr width in that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	Not Applicable	
	c) Where the widening plan for 4- laning is not yet decided and available ROW is round 30 mtr or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 mtr to 2 mtr of utility corridor at the edge of the existing ROW, duly keeping in view the possible widening plan.	Not Applicable	
	d) Where ROW is restricted and adequate only to accommodate the carriageway central verge, shoulder and drains(eg. Highway in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.	Not Applicable	
	e) Where land strip of utility corridor can not be conveniently here marked (available ROW restricted to the Toe of the embankment) for laying of the cable/duct, the permission may be refused.	Not Applicable	
2	Documents/Drawing enclosed with the proposal	Yes, Enclosed	
2.1	Cross section showing the size of trench for open trenching method (is it normal size 1.65m deep/0.05m wide) Should not be given then 1.2m in width in multiple ducts.	Not Applicable	
2.2	Cross section showing the size of pith and location of cable of HDD method	Yes, Enclosed	
2.3	Strip plan/Route plan showing the OFC, chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections cross drainage work etc.	Not Applicable	
2.4	Methodology for laying of Pipe	By trenchless technology	
2.4.1	open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete no dense bituminous concrete type) if yes what is the methodology of refilling of trench	Not Applicable	
	a) The trench width should be at least 30 Cms but not more than 60cms 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 cell consists of granular material free of lumps, clods, cobbles and graded to yield firm surface without sudden change in bearing value. unsuitable soil and rock edges should be excavated and replaced by selected material.	Not Applicable	
	c) the backfill shall be completed in two stages i. side fill to the level of top of the pipe and 2. Overfill to the bottom of the road crust	Not Applicable	
	d) the side fill shall consists of granular material laid in 15 cms layer each consolidated by mechanical tempering and controlled addition of moisture to 95% of The proctor's density overfill shall be compacted to the same density as the material that has been removed. Consolidation by saturation of ponding with not be permitted.	Not Applicable	
	e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench.	Not Applicable	
	f) The excavation shall be protected by flagman, signs, barricades and proper lights during night hours.	Not Applicable	
	g) If required, a diversion shall be constructed at the expense of agency owing the utility line.	Not Applicable	
2.4.2	Horizontal Directional Drilling (HDD) method.	YES	
2.4.3	Laying pipe Through CD Works and Method of laying (Whether to be hung outside parapet)	Not Applicable	
3	Draft license Agreement signed by two witnesses	Yes, Enclosed	
3.1	License fee estimate as per ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016.	Yes, Enclosed	
4	Whether the undertaking for submission of Performance Security as	Not Applicable	
5.9	undertaking that text of the licence is per verbatim of format issued by MORTH vide circular No. RW/NH/33044 /29 /2015 /S&R dated 22.11.2016	Yes, Enclosed	
5.11	Undertaking for shifting of utility as and when asked by MORTH/NHAI	Yes, Enclosed	
5.12	Certificate from the applicant in the following format.		

	We do undertake that I will relocate service road/approach road/utility at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI/MORTH for future six Laning or/any Other development	Yes, Enclosed	
6	Who will sign the agreement on behalf of applicant agency? Power of attorney to sign the agreement is available or not?	Executive Engineer, N.D Division No. 21, Sanawad Dist-Khargone	
7	Power of attorney in favour of authorized signatory.		
8	Copy of DOT License.		
9	Project Director shall submit the following certificate.		
9.1	Certificate that the proposal is confirming of all standard condition issued vide MORTH Circular No. RW/NH/33044 /29 /2015 /S&R dated 22.11.2016	Yes	
9.2	Certificate from the TL in the following format (i)"It is certified that any other location of the utility pipeline would be extremely difficult and unreasonably costly and the installation of utility pipeline within ROW will not adversely affect the design, stability, and traffic safety of the Highways nor the likely future improvements such as widening of the carriage with easing of curve"	Yes	
	ii) For Six Laning	NA	
	(a) where feasibility is available, I do certify that there will be no hindrance to propose six-Laning based on 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 Six-Laning		
10	If NH section proposed to be taken up by NHAI/PWD 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 a right of way to the concessionaire under the concession agreement dated..... for up gradation of Indore to Khandwa section from .85+950 Km to 85.954 Km of NH No.347 BG on build, operate and transfer basis and therefore, the licensee shall honour the same		

11	Who will be supervise the work of laying of utility pipeline		
	a) On behalf of the applicant	Executive Engineer, N.D Division No. 21, Sanawad	
	b) On behalf of the NHAI	The Project Director NHAI PIU , Khandwa	
12	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.		
	a) On behalf of the applicant	Executive Engineer, N.D Division No. 21, Sanawad	
	b) On behalf of the NHAI	The Project Director NHAI PIU , Khandwa	
13	Who will pay claims for damages done/disruption in working of concessionaire if asked by the concessionaire?	Applicant	
14	If any previous approval is accorded for laying of cable then Photocopy of register of records of permissions accorded to be enclosed.	Not Applicable	



R. K. Kulkarni
EXECUTIVE ENGINEER
 Narmada Development Dn. No. 21
 SANAWAD (M.P.)

[Signature]

[Signature]
 Project Director
 NHAI PIU Khandwa

[Signature]
 14/2/24
 Project Director
 NHAI
 PIU Khandwa

Annexure-II

(Enclosure to MORT&H LETTER No-

Dated)

Format for maintaining record of right way permission granted for laying of Pipe line
(to be maintained separately for every NH and state every PWD division or equivalent)

1. Name of State : Madhya Pradesh.
2. Name of agency (NHAI) National Highway authority of India.
PIU ,Khandwa
3. National highway number : 347BG

Sr. No.	Location (Chainage Km)	Left or right side of NH (towards increasing chainage/direction)	Section and reach	Kind of service	Name of licensce	Date of Signing of agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MORT & H standard norms
1	Road crossing at 85+950 km from Indore - khandwa section	LHS to RHS (Road Crossing)	Indore to Khandwa and PIU , Khandwa 85+950 Km NH-347BG	Water pipe Line crossing	Narmada Development Division No- 21 Sanawad Dist- Khargone				

Rtathal
EXECUTIVE ENGINEER
Narmada Development Dn. No. 21
SANAWAD (M.P.)