



# 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 : एफ-120, जनपथ, श्याम नगर, जयपुर-302019

Regional Office : F-120, Janpath, Shyam Nagar, Jaipur-302019

Tel. (O.) / फोन : (ऑ.) 0141-2292056, 2292049

E-mail / ई-मेल : rojaipur@nhai.org Web. / वेब : www.nhai.gov.in



NHAI/18013/1/2024-ROJ/Permission-UG Crossing 11KV XLPE Electric Cable/ AVVNL/334/NH-48, Km 387.610/3527 Dt. 21.03.2024

### INVITATION OF PUBLIC COMMENTS

**Sub:** Permission for Under Ground Crossing 11KV XLPE Electric Cable through HDD method of Proposed Public Utilities Services on 6-Lane of Gulabpura-Chittorgarh Section of NH-48 (Old NH-79) at Km 387.610 (LHS to RHS) in length 60m in ROW 60m at Village Beran, Tehsil Banera, Distt-Bhilwara in the State of Rajasthan : In-principal approval [Application ID 20240103/1/11/8943/4281]- reg.

**Ref:** 1. Executive Engineer (O&M), AVVNL, Shahpura, Distt. Bhilwara (Raj.) letter No. AVVNL/Shahpura/NHAI/01-1853 dated 03.02.2024  
2. PD, PIU-Chittorgarh letter No. NHAI/CHIT/NH-48/NOC-ROW/2023-24/1009 dated 06.03.2024 (Copy enclosed)

Sir,

It is to inform all concern the Executive Engineer (O&M), AVVNL, Shahpura, Distt. Bhilwara vide cited under ref. (i) above has submitted a proposal for the subjected work and PD, NHAI, PIU, Chittorgarh has submitted the above proposal vide letter under reference (ii) for approval of the Competent Authority, Highway Administration.

- The proposal for grant of Permission for Under Ground Crossing 11KV XLPE Electric Cable through HDD method of Proposed Public Utilities Services on 6-Lane of Gulabpura-Chittorgarh Section of NH-48 (Old NH-79) at Km 387.610 (LHS to RHS) in length 60m in ROW 60m at Village Beran, Tehsil Banera, Distt-Bhilwara in the state of Rajasthan by AVVNL.
- As per Para-4 of Ministry's Circular No. RW/NH-33044/29/2015S&R(R) dated 22.11.2016, the Highway Administration 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).

In view of the above, before approval of the competent authority, the comments/objections of affected public is hereby invited with reference to the Ministry's Circular dated 22.11.2016 due to Under Ground Crossing 11KV XLPE Electric Cable through HDD method to the subjected project stretch. The objections/comments may be addressed to the below mentioned address upto 20.04.2024, beyond due date, no comments/objections will be accepted.

**The Regional Officer, Regional Office - Jaipur**  
National Highways Authority of India,  
F-120, Janpath, Shyam Nagar, Jaipur (Raj.)-302019,  
Tel : 0141-2292049, 2292054 Email : rojaipur@nhai.org

This issue with the approval of Highway Administration-cum RO, NHAI, Jaipur.

Yours faithfully,

(Manoj Khoda)  
Manager (Tech.)

- Copy to:** (i) Web Admn., NHAI, HQ, New Delhi - for uploading in NHAI's website [web-admin@nhai.org]  
(ii) Director, NIC, New Delhi - for uploading in Ministry's website. [rahu.sh@nic.in]  
(iii) PD, PIU-Chittorgarh for information with request to ensure deposition of License Fee and BG amount as per applicable guidelines of MoRTH.  
(iv) Executive Engineer (O&M), AVVNL, Shahpura, Distt. Bhilwara for information.



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)  
(Ministry of Road Transport & Highways, Government of India)

परियोजना कार्यान्वयन इकाई, चित्तौड़गढ़  
Project Implementation Unit-Chittorgarh

कि.मी. 892 (जंक्शन NH-76 एवं NH-79) गाँव-रिठोला, पो.-सहनवा, जिला-चित्तौड़गढ़ - 312001 (राज.)  
Km. 892 (Junction of NH-76 & NH-79) Vill. Riithola, Po. Sahanwa, Distt. Chittorgarh - 312001(Raj.)  
Phone : +91-1472-294637, Email : chit@nhai.org



NHAI/CHIT/NH-48/NOC-ROW/2023-24/1009

Date: 06.03.2024

To,  
The GM (Tech.) / Regional Officer  
National Highways Authority of India,  
Regional Office - Jaipur  
F-120, Shyam Nagar, Janpath,  
Jaipur (Raj.)



MK  
MGR(T)  
[Signature]

Sub.: Permission for Crossing Electric Cable through HDD method of Proposed Public Utilities Services on Gulabpura-Chittorgarh Section (NH-48) at Km Ch. 387.610 (LHS to RHS) at the Village Beran, Tehsil Banera, Dist. Bhilwara in the State Rajasthan:- In-principle approval - reg.

Ref:

- Executive Engineer (O&M) AVVNL, Shahpura, Dist. Bhilwara letter no. AVVNL/Shahpura/NHAI/01-1883 Dated 03.02.2024
- PIU letter no. NHAI/CHIT/NH-48/NOC-ROW/2023-24/916 dated 07.02.2024.
- M/s LN Malviya letter no. LNM/NH-48/O&M/IE/NHAI/2024/480 dated 28.02.2024

Sir,

A proposal for Crossing Electric Cable through HDD method of Proposed Public Utilities Services on Gulabpura-Chittorgarh Section (NH-48) at Km Ch. 387.610 (LHS to RHS) at the Village Beran, Tehsil Banera, Dist. Bhilwara in the State Rajasthan, was submitted by the EE (O&M), Ajmer Vidyut Vitran Nigam Limited, Shahpura Dist. Bhilwara vide letter under reference (1).

2] The proposal was sent to the Independent Engineer M/s M/s L.N. Malviya Infra Projects Pvt. Ltd., Bhilwara for its examination in light of MoRTH's Guidelines RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and latest on dated 17.04.2023. Subsequently, IE vide letter under reference (3) conveyed their comments with recommendation for approval.

3] The proposal has been examined at site by PIU Chittorgarh. The checklist, undertaking as per MORTH Guideline dated 22.11.2016 is appended with the proposal.

4] The licence fee and BG found to be 56,371/- and 1,00,000/- respectively as per the amendment issued on dated 17.04.2023 and guideline on date 22.11.2016. The competent authority shall check the calculation as per the amendment and guideline and confirm the same.

In view of the above, the proposal for Crossing Electric Cable through HDD method of Proposed Public Utilities Services on Gulabpura-Chittorgarh Section (NH-48) at Km Ch. 387.610 (LHS to RHS) at the Village Beran, Tehsil Banera, Dist. Bhilwara in the State Rajasthan, is herewith recommended for approval of the Competent Authority

Encl: As Above

[Signature]  
Pratima Gupta  
Project Director

## Inspection report

**Sub.:-** Independent Engineer Services during Operation & Maintenance stage of Six laning of Kishangarh- Udaipur-Ahmadabad Section from Km. 90.000 (near Gulabpura) to Km. 214.870 (End of Chittorgarh Bypass) of NH-79 in the State of Rajasthan under NHDP Phase-V on BOT (Toll) mode (Package-II) [Total Length: 124.870 Km] **Reg:-** Permission for Crossing Under Ground Electric Cable Line thought HDD method of Proposed Public Utilities Services on Kishangarh -Bhilwara Road section(NH-48)at Km Ch.387.610(LHS to RHS) at the Village Beran, Tehsil Banera, Dist. Bhilwara in the state Rajasthan.

In the light of direction as mentioned in Ministry guidelines circulated vide letter no. RW-NH-33044/29/2015-S&R ® dated 22.11.2016.

We have examined the proposal with respect to NHAI and MORT&H guidelines, the ROW position at said Chainage along with drawing and checklist and our technical comments are as under -

1. As per the submitted checklist, following has been observed: -

- (i) Location: Exact Chainage 387+610 for crossing is matched.
- (ii) Only allow HDD Method.

After verification & considering all points mentioned in Checklist, it is recommended for proposal.

  
Project Director  
National Highways Authority of India  
P.U. Chittorgarh (Raj.)

  
IE Representative  




**CHECK LIST**

Enclosure to Ministry of Road Transport & Highways letter no.

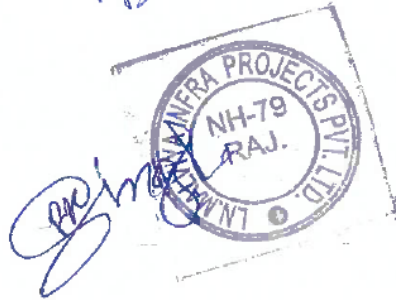
RW/NH-33044/29/2015/S&R(R) Dated 22th November, 2016

Check list for processing the proposal for Laying / Crossing of utility line in the land along National Highway vested with NHAI/PWD/BRO

General Information.

1	Name and Address of the Applicant/ Agency	: EXECUTIVE ENGINEER, (O & M), A.V.V.N.L., SHAHUPURA, BHILWARA (RAJ.)
2	National Highway Number	: N.H.- 48 (Old N.H.-79) KISHANGARH - BHILWARA ROAD
3	State	: RAJASTHAN
4	Location	: Village - BERAN Tehsil - BANERA Dist.- BHILWARA
5	(Chainage in km.)	: ROAD CH. - 387/610 [ L.H.S. TO R.H.S. ]
6	Length in Meters	: 60m
7	Width of available ROW in both side (Mtr.)	: 60m (30m + 30m)
8	[Side of NH (Left or right side of NH towards increasing Chainage/ Km. direction)]	: LHS - RHS of KISHANGARH - BHILWARA ROAD (N.H.- 48) towards Udaipur in crossing of Km. 387
9	Name of Highway/ Authority (NHAI/PWD/BRO)	: NATIONAL HIGHWAY AUTHORITIES OF INDIA
10	Highway Administration address	: Project Director, NHAI, PIU-CHITTORGARH KM 892 (Junction of NH-76 & NH-79), Village - Rithola, Post - Sahwana, CHITTORGARH (Raj.) 312001,

*[Handwritten signature]*



*[Handwritten signature]*  
अधिशायी अभियन्ता (प. व. स.)  
अ. वि. वि. नि. लि. शाहपुरा

*[Handwritten signature]*  
Project Director  
National Highways Authority of India  
P.I.U. Chittorgarh (Raj.)

Enclosure to Ministry of Road Transport & Highways letter no.  
RW/NH-33044/29/2015/S&R(R) Dated 22th November, 2016

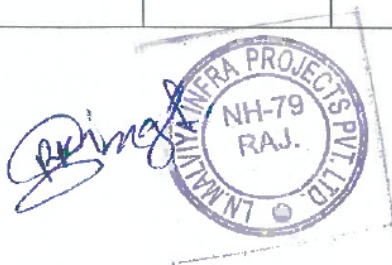
Check list for processing the proposal for Laying / Crossing of utility line in the land along National Highway

Sr. No.	Item	Measurement Observations as per site condition	Morth Norms	Whether complying with MORTH Norms**
1	Details of already laid utility service, if any	No	Enclosed	✓ Yes/No
2	Whether up gradation of the stretch in near future is proposed or not	No	Yes	✓ Yes/No
	(a) If yes, provision of utility adversely affect the plan of up- gradation	N.A.	Not affect plan of up- gradation	✓ Yes/No
3	Laying of the utility service along the National Highways.			
3.1	Location of proposed utility service along the stretch	N.A.	Utility Duct/ beyond the toe line of the embankment and drains, and close to the extreme edge of the RoW	✓ Yes/No
3.2	Depth of top of utility service from ground level	N.A.	0.60 meter	✓ Yes/No
3.3	Mechanism for crossing wate channel	N.A.	Through utility duct (if provision exists) or beneath I the bed of water channel	Yes/No N.A.
3.4	Whether ROW is restricted in this stretch?	N.A.		Yes/No N.A.
3.4.1	If yes, whether provision of land acquisition is required to lay utility	N.A.		Yes/No N.A.
	(a) If yes, whether underta king for land acquisition along with relevant L.A. details has been furnished	N.A.		Yes/No N.A.
3.4.2	Width of concrete duct, if utility services are proposed to be lane laid in concrete ducts	N.A.	Not less then one lane	Yes/No N.A.



  
Project Director  
National Highways Authority of India  
P.I.U. Chittorgarh (Raj.)

4	Laying of utility services across the NH			
4.1	Whether Existing drainage structures is allowed to carry the utility lines.	No	Not to be allowed	Yes
4.2	Proposed crossing of utility service	Under Gound Road Crossing (HDD method)	Perpendicular to NH	Complying
4.3	Type of casing pipe/conduit carrying the utility line.	HDPE (Have adequate strength)	Steel, cast iron, or NA reinforced cement concrete and have adequate strength	Yes/No
4.4	Whether ends of the casing/conduit pipe are sealed from the outside	Sealed	Sealed	Yes/No
4.5	Length of casing/conduit pipe crossing NH	Crossing	Extend from drain to drain in cuts and toe to toe of slope in the fills	Yes/No
4.6	Depth of top of the casing/conduit pipe.	1.50m	At least 1.2 m below the top of subgrade	Yes/No
4.7	Crossing method in case of CC pavement.	H.D.D.	Only boring method (HDD)	Yes/No
4.8	Horizontal and vertical clearances in case utilities are allowed overhead	N.A. (Underground Only)	In accordance with IRC codes	Yes/No
5	Document I Drawings enclosed with the proposal			
5.1	Cross-Section showing the size of trench for open trenching method	N.A.	Enclosed, if applicable	Yes/No
	(a) Trench width	N.A.	More than 30 cm and less than 60 Cm. wider than the outer diameter of the utility pipe	Yes/No
	(b) Filling of trench	N.A.	as per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	Yes/No
	(c) Location of trench	N.A.	extreme edge of the ROW	Yes/No
5.2	Cross section showing the size of pit and location of conduit for HDD method	Enclosed	Enclosed, if applicable	Yes/No
5.3	Strip plan/ Route plan showing utility line, chainage, width of ROW, distance of proposed utility from the edge of ROW, important mile stone, intersections, cross drainage works etc	Enclosed	Enclosed	Complying
5.4	Plan and profile drawing of stretch showing cross section of road at 20m distance alongwith ROW and proposed utility	Enclosed	Enclosed	Yes/No



  
 Project Director  
 National Highways Authority of India  
 P.I.U. Chittorgarh (Raj.)

6	Methodology for laying of utility line	H.D.D.	Enclosed	<u>Yes/No</u>
7	Draft License Agreement is as per Ministry guidelines vide letter No. RW/NH-34044/29/2015/5&R (R) dated 22.11.2016 and signed by two witnesses	Yes, As per MoRTH Guidelines	Enclosed	<u>Yes/No</u>
8	License fees in Favor of MoRTH RPAO Jaipur	Yes, As per MoRTH Guidelines	As per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	<u>Yes/No</u> <i>will be obtained at the time of permission</i>
9	Whether Bank Guarantee has been obtained	Yes, As per MoRTH Guidelines	As per Ministry guidelines vide letter No. RW/ NH-34044/29/2 015/ S&R (R) dated 22.11.2016	<u>Yes/No</u> <i>will be obtained</i>
	(a) If yes, whether Confirmation as per of BG has been obtained as per MoRTH/ NHAI guidelines	Yes, As per MoRTH Guidelines		<u>Yes/No</u>
10	Affidavit / Undertaking from the Applicant for			
10.1	Undertaking for net to damage other existing utility, if damaged then to pay the losses to either to MoRTH/NHAI or to the concerned agency.	Yes	Enclosed	<u>Yes/No</u>
10.2	Undertaking for renewal of Bank Guarantees and when asked by NHAI/ MoRTH	Yes	Enclosed	<u>Yes/No</u>
10.3	Undertaking for confirming all standard condition of MoRTH/NHAI guidelines.	Yes	Enclosed	<u>Yes/No</u>
10.4	Undertaking for shifting of utility as and when asked by MoRTH/ NHAI within a month at their own cost.	Yes	Enclosed	<u>Yes/No</u>
10.5	Undertaking for Indemnity against all damages and claims.	Yes	Enclosed	<u>Yes/No</u>
10.6	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Yes	Enclosed	<u>Yes/No</u>
10.7	Undertaking that if any claim is raised by the Concessionaire/ contractor then the same has to be paid by the applicant	Yes	Enclosed	<u>Yes/No</u>
10.8	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety Organization, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration	Yes	Enclosed	<u>Yes/No</u>

*[Signature]*  
*[Signature]*  
**Project Director**  
**National Highways Authority of India**  
**P.O. Chandigarh (Raj.)**



*[Signature]*  
**EXECUTIVE ENGINEER, (O & M), A.V.V.N.L.,**  
**SHAHUPURA, BHILWARA (RAJ.)**

[Name, Designation and Signature of the authorized representative]