



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Govt. of India)



परियोजना निदेशक का कार्यालय, परियोजना कार्यान्वयन इकाई
Office of the Project Director, Project Implementation Unit

53, बसंत विहार, नौबस्ता, कानपुर - 208021 • 53, Basant Vihar, Naubasta, Kanpur - 208021
दूरभाष / Phone: (0512) 2630154/2630214 • ई-मेल / e-mail: knp@nhai.org

NHAI/13028/PIU/KNP/ Km.352+001/NH-19/2024/ *NOC/62*

Dated: 16 May 2024

Invitation of Public Comments

Sub : Pertains to permission of underground water supply pipe line crossing by HDD by 350 mm casing pipe with 180 mm dia. carrier HDPE pipe at Km. 352+001 on NH-19(Old NH-02) (Etawah - Kanpur Section) at Bamhora Humayounpur, District - Etawah in the State of Uttar Pradesh.

The office of the Executive Engineer, U.P. Jal Nigam (Grameen), Etawah has submitted the proposal for crossing of underground water supply pipeline (350 mm dia.) at Km.352+001 on NH-19 (Old NH-2) Etawah-Chakeri Section, District - Etawah in the state of Uttar Pradesh.

From the submitted proposal, it is seen that the crossing length is proposed 60.0 m at Km. 352+001. The work of pipeline execution to be carried out through HDD Method with a depth of 1.25 m from the existing ground level. Width of available ROW in LHS & RHS side is 30.0 m - 30.0 m from center of NH-19. The exiting NH is 6-lane divided carriageway.

As per the guidelines, issued by the MoRTH No. RW/NH-33044/29/2015/S&R (R) (dtd. 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 interests).

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 Project Director,
National Highways Authority of India,
Project Implementation Unit,
53, Basant Vihar, Kanpur - 208021,
e-mail : knp@nhai.org

Encl : As above

Ximan
16/5/24
Project Director

Copy to: 1.Regional Officer (West)-UP, NHAI,3/248, Vishal Khand, Gomati Nagar, Lucknow.
2.The web admin, NHAI- HQ- with request for uploading on the NHAI website.
3.The office of the Executive Engineer, U.P. Jal Nigam (Grameen), Etawah



CHECK LIST

Guidelines for Project Directors for processing the proposal of crossing /laying optical fiber/ HT cables/ Water pipe line etc. by private parties in the land along National Highway with NHAI.

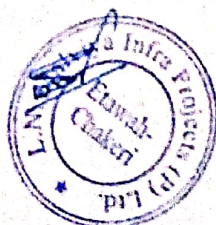
Relevant circulars


Ministry Circular No. RW/NH-33044/29/2015/S&R (R) Dated 22.11.2016,

Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) Dated 06.08.2013

Check-list for getting approval for laying/ crossing water pipe line on NH land


S. No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the applicant/Agency	Office of the Executive Engineer, Khand Karyalay, U.P. Jal Nigam (Grameen), Etawah.	
1.2	National Highway Number	NH-19 (Old NH-02)	
1.3	State	Uttar Pradesh	
1.4	Location	District- Etawah	
1.5	(Chainages in KM)	crossing at Km.352+001	
1.6	Length in Meters	Shown in drawing	
1.7.	Width of available ROW		
	(a) Left side from centre line towards increasing chainage/km direction	30m	
	(b) Right side from centre line towards increasing chainage/km direction	30m	
1.8	Proposal to lay the water pipe line		
1.9	Proposal to acquire land		
	(a) Left side from centre line.	Not required	
	(b) Right side from centre line.	Not required	



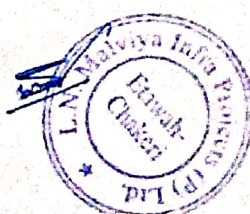

Executive Engineer
Division Officer
U P Jal Nigam (Rural)
Etawah

1.10	Whether proposal is in the same side where land is not to be acquired	Not required	
	If not then where to lay the cable	Within available ROW	
1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes (2/4/6/8 lanes) existing	4-lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulder/4/6/8 lanes)	4-lanes	
1.14	Service road existing or not		
	If yes then which side		
	(a) Left side from centre line.	Existing service road	
	(b) Right side from centre line.	Existing service road	
1.15	Proposed Service Road		
	(a) Left side from centre line.	Not proposed	
	(b) Right side from centre line.	Not proposed	
1.16	Whether proposal to lay cable is after the service road or between the service road and main carriageway	Extreme edge of RoW	
1.17	The permission for laying OFC / HT cables/ water supply pipe line shall be considered for approval/rejection	For approval	
	(i) Where the ROW is more than 45m then the duct cable shall be laid at the edge of right of way within the utility corridor of 2m width, duly keeping in view the future widening.	Extreme edge of RoW	
	(ii) 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 2m width, on that side of existing carriageway where extra land is not proposed to be acquired for 4-laning.	Not required	
	(iii) Where the widening plan for 4-laning is not yet decided and available ROW is around 30m or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be	4-laning has been completed.	




 Executive Engineer
 Division Officer
 U P Jal Nigam (Rural)
 Etawah


	within 1.5m to 2 m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans.		
	(iv) Where ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in currying through hilly, rolling terrain) the cable shall be laid clear of the drain.	Plain terrain (Edge of ROW)	
	(v) Where land strip for utility corridor cannot be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused.	available	
1.18	Number of applicants of the same stretch.	Single applicant	
1.19	Whether the case of multiple licenses.	Single	
1.20	If so furnish a joint implement programmer to lay their respective ducts within stipulated time frame.	No	
1.21	If crossing of the road involved If yes, it shall only be through trench less technology	Yes, it shall only be through HDD method	
2.	Document/drawing enclosed with the proposal.		
2.1	Cross section showing the size of trench for open trenching method (Is it normal size of 1.65m deep x0.5m wide)	Shown in drawing	
2.2	Cross section showing the size of pit location of pipe line for HDD method	NA	
2.3	Strip plan / Route Plan showing the OFC/ pipe line, chainage, width of ROW, important mile stone, intersections, cross drainage works etc.	Shown in drawing	
2.4	Mythology of laying of pipe line	enclosed	
2.4.1	Open trenching method. If, yes, methodology of refilling of trench.	Trench less	



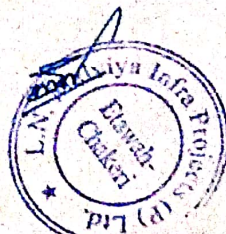
Executive Engineer
Division Officer
U P Jal Nigam (Rural)
Chanderi

2.4.2	Horizontal Directional Drilling (HDD) method	Yes, through HDD	
2.4.3	Laying OFC/ HT cable through CD works and method of laying (Whether to be hung outside parapet)	NA	
3.	Draft license agreement signed by two witnesses	Yes	
4.	Performance Bank Guarantee		
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	
5.2	Renewal of Bank Guarantee.	NA	
5.3	Confirmation all standard condition of NHAI guidelines.	Yes, enclosed	
5.4	Shifting of water pipe line as and when required by NHAI.	Yes, enclosed	
5.5	Shifting due to 6-laning / widening of NH.	Yes, enclosed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes, enclosed	
5.7	Traffic movement during laying of water pipe line to be managed by the applicant	Yes, enclosed	
5.8	If any claim is raised by the Concessionaries then the same has to be paid by the applicant.	Yes, enclosed	
5.9	Certificate for 6-laning from the applicant in following format. "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 six-laning or any other development."	Yes, enclosed	
6.	Affidavit /Power of Attorney in favor of authorized signatory.	Affidavit enclosed	
7.	Copy of DOT license	No, water pipe line	State Govt. project
8.	Certificate from the Project Director	Yes, enclosed	



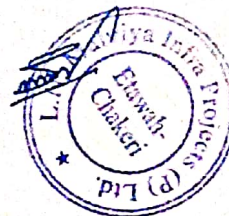

 Executive Engineer
 Division Officer
 U P Jal Nigam (Rural)
 Etawah


8.1	Certificate from confirming of all standard condition Issued vide Ministry Circular No. RW/NH-33044/27/2005/S&R(R)(Pt.) dated 7/8/2013 & dated 22.11.2016	Yes	
8.2	Certificate for 4-laning from PD in the following format	Already 4-lane	
	(a) Where feasibility is available "I do certify that there will be no hindrance to proposed 6-laning base on the feasibility report considering proposed structure at the said location.	NA	
	(b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodate proposed 6-laning".	NA	
9	As per guidelines license fee shall be charged.	Department will pay fee after issuing demand note	
10	If NH section proposed to be taken up NHAI on BOT basis -a clause in para 17 to be inserted in the agreement. "The permitted Highway on which Licensee has been granted the right of way to the concessionaire under the concession agreement for up-gradation of [.... Section From Km.....to kmof NHAI No..... on Build, Operate and Transfer Basis]	NA	
11	Who will supervise the work of laying of water pipe line	Office of the Executive Engineer, Khand Karyalay, UPJN, Etawah	
12	Who will ensure that the defects in road portion after lay of water pipe line are corrected and if not corrected then what action will be taken.	Office of the Executive Engineer, Khand Karyalay, UPJN, Etawah	
13	Who will pay the claims for damages' done/disruption in working of concessionaire if asked by the Concessionaire.	Office of the Executive Engineer, Khand Karyalay, UPJN, Etawah	
14	A Certificate from PD that he will enter the proposed permission in	Yes	



Executive Engineer
Division Officer
U P Jal Nigam (Rural)
Etawah

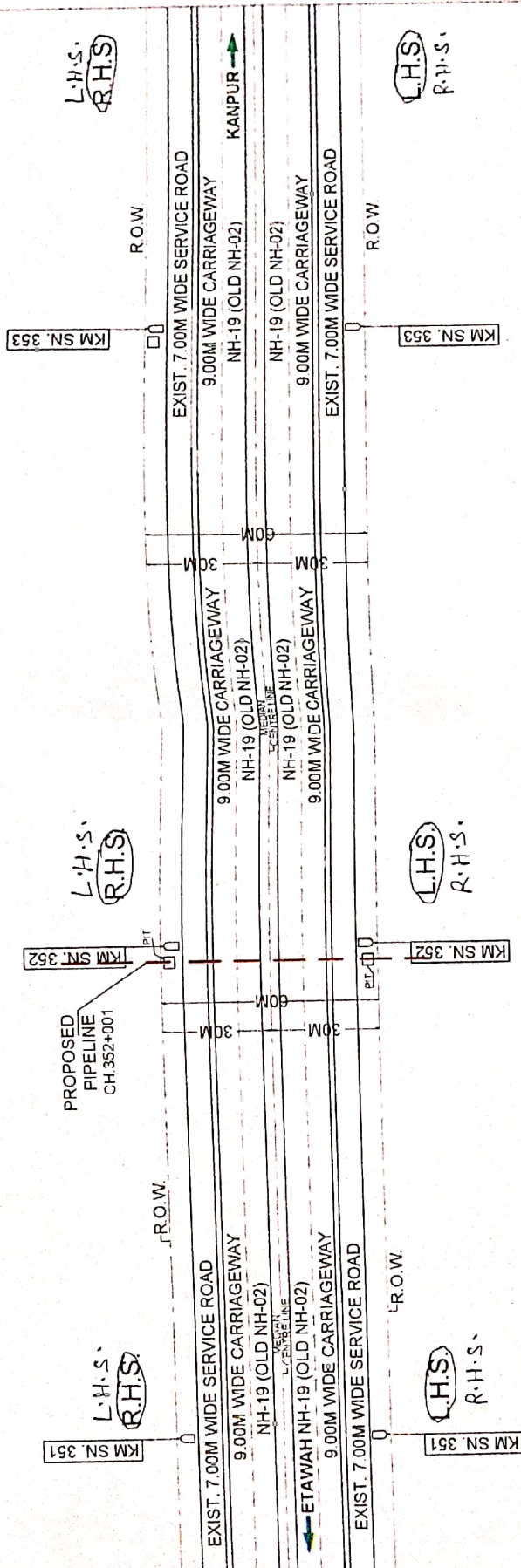
	the register of records of the permissions in the prescribed performa (copy enclosed) issued vide Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016		
15	If any previous approval is accorded for after lay of water pipe line then photocopy of register of records of permissions accorded as maintained by PD (as per Ministry Circular RW/NH-33044/29/2015/S&R(R)(Pt.) Dated 22/11/2016) as referred in para 13 above is enclosed or not.	NA	




 Executive Engineer
 Division Officer
 U P Jal Nigam (Rural)
 Etawah



Scheme name: Bamhara
Block name: Etawah



LEGEND
PROPOSED PIPE LINE LAYING ALONG & ACROSS
RIGHT OF WAY

- NOTES:-
1. DRAWING HAS BEEN PREPARED AS PER MORT&H GUIDELINES / CIRCULAR NO. RWNH -33044/29/2015/S&R (R) DATED 11-Nov-2016.
 2. THE UTILITY SERVICES SHALL BE LOCATED, BEYOND THE TOE LINE OF THE EMBANKMENT AND DRAIN, AS CLOSE TO THE EXTREME EDGE OF ROW AS POSSIBLE.
 3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST 1.20M BELOW THE GROUND LEVEL.

ROUTE LENGTH ON NH LAND LAYING U/G PIPE LINE
TOTAL LENGTH OF CROSSING AT KM. 352+001 60 M
TOTAL LENGTH 60 M

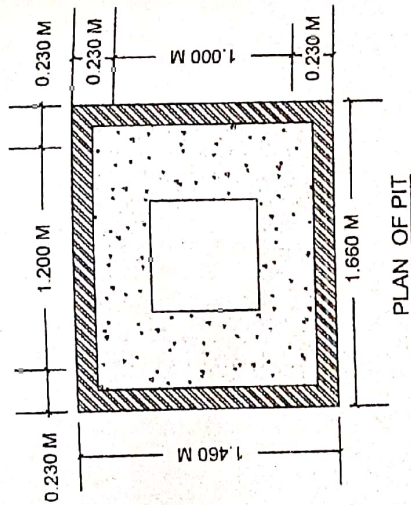
SUBJECT
LAYING & CROSSING OF U/G WATER SUPPLY PIPE
LINE AT KM.352+001 (60 M). WITH THE HELP OF
HDD METHOD ON NH-19 (OLD NH-02) (ETAWAH -
KANPUR SECTION) AT VILLAGE - BAMHORA
(HUMAYOUNPUR) DISTRICT- ETAWAH, U.P. IAR
PRADESH.

WORK AGENCY

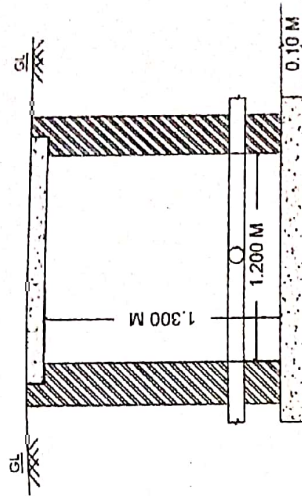
AUTHORIZED SIGNATORY
Executive Engineer
Division Officer
U.P. Jal Nigam (Rural)
Etawah
(EXECUTIVE ENGINEER)
JAL NIGAM

U.P. NH-19 BLOCK ETAWAH I 2024

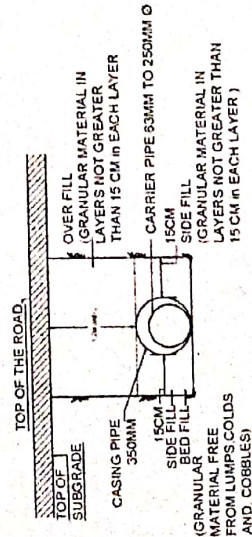
Scheme name: Bamhora
Block name: Etawah



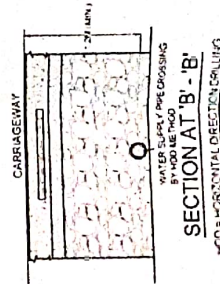
PLAN OF PIT



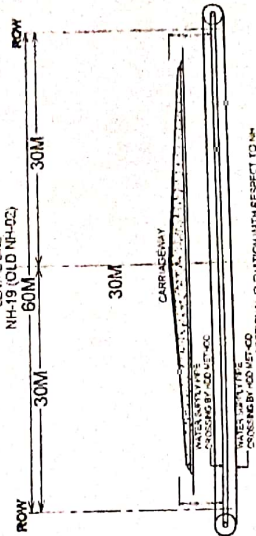
SECTION OF PIT



CROSS SECTION FOR CROSSING THE ROAD



SECTION AT 'B'-B'



SECTIONAL BEHAVIOUR WITH RESPECT TO M

SUBJECT
LAYING & CROSSING OF U/G WATER SUPPLY PIPE
LINE AT KM. 352+001 (60 M) WITH THE HELP OF
HDD METHOD ON NH-19 (OLD NH-02) (ETAWAH -
KANPUR SECTION) AT VILLAGE - BAMHORA
(HUMAYOUNPUR) DISTRICT - ETAWAH, UTTAR
PRADESH.

WORK AGENCY

AUTHORIZED SIGNATORY
Executive Engineer
Division Officer
U P Jal Nigam (Rural)
Etawah

(EXECUTIVE ENGINEER)
UTTAR PRADESH JAL NIGAM

PROJECT NO. UP/NH-19 BLOCK ETAWAH-I-2024

ROUTE LENGTH ON NH AND LAYING U/G PIPE LINE
TOTAL LENGTH OF CROSSING AT KM. 352+001 60 M
TOTAL LENGTH 60 M

NOTES:-
1. DRAWING HAS BEEN PREPARED AS PER MORTH
GUIDELINES / CIRCULAR NO. RWNH-33044/29/2015/S&R (R)
DATED 11-Nov-2016.
2. THE UTILITY SERVICES SHALL BE LOCATED, BEYOND THE
TCE LINE OF THE EMBANKMENT AND DRAIN, AS CLOSE TO
THE EXTREME EDGE OF ROW AS POSSIBLE.
3. THE TOP OF THE UTILITY SERVICES SHALL BE AT LEAST
1.20 M BELOW THE GROUND LEVEL.