



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/Permissions-RWS/2023-24/ V

January 01, 2024.

To

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub: RO - Vijayawada - Permission for laying the 600 mm DI pipeline from Yeleswaram to Gollaprolu Nagar Panchyat i.e. Km. 862.550 to Km. 863.250 (LHS), Km. 863.450 to Km. 86.250 (RHS) and crossing of Highway at Km. 863.250 at Yerravaram in Kakinada district in the State of Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal submitted by Public Health Department along NH-16 near Yerravaram from Ch. Km. 862.550 to Ch. Km. 863.450 totaling to 960 mts in Kakinada District of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendations of PD, PIU-Visakhapatnam are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action.

Yours faithfully,

(R.K. Singh),
Regional Officer
RO - Vijayawada

Encl: As above

Copy to:

- (i) PD, PIU - Rajamahendravaram
- (ii) The Executive Engineer, Public Health & Municipal Engineering Department, Rajamahendravaram - for information.



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,
रानीगारीतोटा, कृष्णालंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,
Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref: NHAI/RO-VJA/Permissions-RWS/2023-24/ 12

January 01, 2024.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying the 600 mm DI pipeline from Yeleswaram to Gollaprolu Nagar Panchyat i.e. Km. 862.550 to Km. 863.250 (LHS), Km. 863.450 to Km. 86.250 (RHS) and crossing of Highway at Km. 863.250 at Yerravaram in Kakinada district in the State of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Rajamahendravaram submitted a proposal of Public Health Division, Rajamahendravaram along NH-16 Permission for laying pipe line using open trenching method along NH-16 near Yerravaram from Ch. Km. 862.550 to Ch. Km. 863.450 totaling to 960 mts in Kakinada District of Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the Highway Administration will put out the application in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

**Regional Officer - Vijayawada,
National Highways Authority of India,
Regional Office, Dr. No.41-29-45A, R. S. No.373/2A
Near Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka, Vijayawada - 520 013.
Email: rovijayawada@nhai.org**

**(R.K. Singh),
Regional Officer
RO - Vijayawada**

GOVERNMENT OF ANDHRA PRADESH
PUBLIC HEALTH AND MUNICIPAL ENGINEERING DEPARTMENT.

From:
Sri D. Gopal Naidu,
B.Tech.,
Executive Engineer,
Public Health Division,
Rajamahendravaram.

To,
The Project Director,
Project Implementation Unit (PMU)
National Highway Authority of India,
Rajamahendravaram.

Lr No: 1028^m/AIIB-IOCT/TS/2023, Dt. 21-11-2023.

Sir,

Sub: NHA, PIU, Rajamahendravaram- Comprehensive Drinking Water Supply Scheme for Gollaprolu Nagar Panchayat- Laying of Pipe line along/ across NH-16- Observations Communicated-Information- Submitted- Reg.

Ref: 1) This office Lr No. 369M/AIIM/IOCT/TS/2023, Dt. 20.05.2023

2) Your Lr No. Lr No. 11015/5/P3/NHA/PIU-RJY/2023/30218, Dt. 07.11.2023 of Project Director, NHA, Rajamahendravaram.

3) Lr No. 157E/AIIB/NHA pipe line permission/PH/KKD, Dt. 20.11.2023 of Deputy Executive Engineer, Public Health, Kakinada

@ @ @

In continuation to this office letter 1st cited and as per your letter 2nd cited we are submitting the following documents for taking further necessary action

- 1) License deed signed the Authorized signatory- 2 Nos original + 2 Nos duplicate
- 2) Undertakings- 2 Nos original + 2 Nos duplicate
- 3) Methodology- 2 Nos original + 2 Nos duplicate
- 4) Drawings - 2 Nos original + 2 Nos duplicate

Hence, it is requested to accord permission for laying of pipe line as requested in the reference 1st cited.

End: Documents as above.

Yours faithfully,

INWARD	
No: 81657	
Date: 21/11/2023	
Time: 3:00 PM	
M(T)	PS
SE-I	SECT.
SE-II	LAO
NHA, PIU,	
RAJAMAHENDRAVARAM.	

21/11/23
Executive Engineer,
Public Health Division,
Rajamahendravaram.

21/11/2023

*P.L. obtain
Comments of I.E.
Consent of
concerned
DU.*

**GOVERNMENT OF ANDHRA PRADESH
PUBLIC HEALTH & MUNICIPAL ENGINEERING DEPARTMENT**

From:
Sri.D.Gopal Naidu,
Executive Engineer,
Public Health Division,
Rajamahendravaram.

Dated: 21.11.2023.

To Whom So Ever It may Concern

Subject: Authorization for signing and execution of documents related to Permissions/ Clearances from authorities for Water supply pipeline of 600mm DI K7 Clear water gravity main Laying at Ch 862.550Km to CH 863.250Km (LHS), Crossing at CH 863.250 Km to CH 863.450 Km (RHS) and Laying at Ch 863.250Km to CH 863.450Km (RHS), in the limits of ROW boundary of NH-16 at Yerravaram village, Kakinada District, AndhraPradesh.

I do hereby authorize Sri. D. Gopal Naidu , Executive Engineer, Public Health Division, rajamahendravaram to sign and execute all the documents related to Permissions/ Clearances from authorities for Water supply pipeline of 600mm DI K7 Clear water gravity main Laying at Ch 862.550Km to CH 863.250Km (LHS), Crossing at CH 863.250 Km to CH 863.450 Km (RHS) and Laying at Ch 863.250Km to CH 863.450Km (RHS), in the limits of ROW boundary of NH-16 at Yerravaram village, Kakinada District, AndhraPradesh.

Yours Faithfully,


Executive Engineer,
Public Health Division,
Rajamahendravaram.


21/11/2023

CHECK LIST

Guidelines for Project Directors for processing the proposal for laying water pipe line in the land Across National High way Vested with NHAI

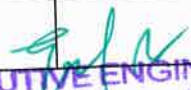
Relevant Circulars:

1. Ministry Circular No. NH-41(58)/68 Dated 31.01.1969
2. Ministry Circular No. HN-III/P/66/76 Dated 18/19-11-1976
3. Ministry Circular No. RW/NJ-III/P/66/76 Dated 01.05.1982
4. Ministry Circular No. RW/NH-11037/1/86-DOI(ii) Dated 28-07-1993
5. Ministry Circular No. RW/NH/11067/1/86DOI Dated 19.04.1995
6. Ministry Circular No. RW/NH/34066/2/95/S&S Dated 25.10.1999
7. Ministry Circular No. RW/NH-34066/7/2003 S&R Dated 17.09.2003
8. Ministry Circular No. RW/NH-33044/29/2015/S&R dt22nd November 2016

SL NO	ITEMS	INFORMATION/STATUS	REMARKS
1	General Information	(APUWSSMIP) - Water supply Improvement scheme including operation and maintenance in Nagar Panchayats of Gollaprolu and Yeleswaram of Kakinada District of Public Health Circle, Rajamahendravaram with AIB funding- Augmentation of water supply to Gollaprolu Nagar Panchayat from Yeleswaram. Providing water supply pipeline of 600mm DIK7 clear water gravity main laying at CH 862.550 KM to CH 863.250KM(LHS), crossing at CH 863.250KM (LHS to RHS) and laying at CH 863.250 KM to CH 863.450KM (RHS) in the limits of RoW boundary of NH-16 at Yerravaram village.	
1.1	Name And Address of the Application	Executive Engineer, Public Health Engineering Division , GorakshanaPeta, Rajamahendravaram	
2	National Highway Number	NH-16	
1.3	STATE	Andhra Pradesh.	
1.4	Location	NH-16 at Yerravaram Junction, Visakhapatnam- Vijayawada Section, Kakinada District, Andhra Pradesh.	
1.5	Chainage in Km	1. At Chainage Km 862/550 to Km 863/250 (LHS) 2. Road crossing at Chainage Km 863/250 (LHS toRHS) 3. At Chainage Km 863/250 to Km 863/450 (RHS)	700m. 60m. 200m.
1.6	Length in Metres	960m	
1.7	Width of Available Road of NHAI Land		
	(a) Left side from centre line (Towards Increasing Chainage/KM direction)	50.00m (from center of median)	
	(b) Right side from Centre line (Towards increase chainage/ KM direction)	35.00m (from center of median)	
1.8	Proposal to Lay Underground water pipe line		
	(a) Left side from centre line (Towards Increasing Chainage/KM direction)	At Chainage Km 862/550 to Km 863/250	
	(b) Right side from Centre line (Towards increase chainage/ KM direction)	At Chainage Km 863/250 to Km 863/450	
1.9	Proposal to Acquire land		
	(a) Left side from centre line	NA	
	(b) Right side from Centre line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	NA	
	If not then where to lay the water pipe line	NA	
1.11	Details of Already Laid services. If any along the proposal Route	NA	
1.12	Numbers of Lanes (2/4 or 6/8) /Existing	4 Lanes	
1.13	Proposed Number of lanes (2 lanes with paved shoulders)	NA	
1.14	Service Road (Existing or Not)Y/N If then which side	NA	
	(a) Left side from centre line (Width)		
	(b) Right side from Centre line (Width)		
1.15	Proposed service road	NA	
	(a) Left side from centre line (Width)		
	(b) Right side from Centre line (Width)		
1.16	Whether proposal to lay water supply pipe line is after the service road or between the service and main carrageway	Water Pipe line will be laid along RoW boundary under the supervision of NH authorities	
1.17	The permission for laying of water supply pipe line shall be considered for approval/rejection based on the Ministry circulars mentioned as above		
	(a) Carrying of sewage/gas pipe lines on highway bridges shall not be permitted as fumes/gases pipe can accelerate the proces of corrosion or may cause explosions. Thus being much more injurious than leakage of water	NA	

EXECUTIVE ENGINEER
Public Health, Rajamahendravaram


	(b) Carrying of water pipe lines on bridges shall also be discourage (d) However. If the water supply authorities seem to have no other viable alternative and approach the highway authority well in the before the design of the bridge is finalized permitted to carry the pipe line on independent superstructure, supported on extended portions of piers and abutments in such a manner that in the final arrangements enough free space around the superstructure of the bridge remains available for inspection and repairs. etc.,	NA	
	© Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency in charge of the utilities.	NA	
	Services are not being allowed indiscriminately on the parapet/any part of the bridges. safety of bridges has to be kept in view while permitting various services along bridge (e) Approvals are to be accorded in this regard with the concurrence of the Ministry's project chief engineers only.	NA	
1.18	If crossing 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.	Yes Agreed	
	(a) Existing drainage structures shall not be allowed to carry the lines.	Yes Agreed	
	(b) Is it on a line normal to NH	Yes	
	(c) Crossings shall not be too near the existing structures on the national Highway, the minimum distance being 15 meter, what is the distance from the existing structures.	20m	
	(d) The case 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.	600mm Dia Ductile Iron K7 water carrier Pipe.	
	(e) Ends of the casing /conduit pipe in shall be sealed from the outside, so that it does not act as a drainage par(h)	Yes Agreed	
	(f) The casing /conduit pipe shall be sealed from drain to in cuts and 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 m below the drain invert.	Yes Agreed	
	(h) Crossing shall be by boring method (HDD) Specially where the existing road pavements is of cement concrete or dense bituminous concrete type.	Yes Agreed	
	(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	
	Document \ Drawing enclosed with the proposal.	Yes document Enclosed	
2.1	Crossing section showing the size of the trench for open trenching method (It is normal size of 1.2 deep x 0.3m wide).	Yes crosssection marked on the proposed laying plan	
	(i) should not be greater than 60 cm wider than the outer diameter of the pipe.	Yes Agreed	
	(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 carriage way.	Yes Agreed	
	(iv) These should be also laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes Agreed	
2.2	Cross section showing the size of pit and location of pipeline for HDD method.	Yes	
2.3	Strip plan/Route plan showing water pipe line. Chainage, which of ROW, distance of proposed cable from the edge of ROW Important mile stone intersection, cross drainage works etc.,	Yes, proposed laying plan enclosed	
2.4	Methodology for laying of water pipe line.		
2.4.1	Open trenching method (may be allowed in the utility corridor only where pavements is neither cement concrete nor dense bituminous concrete type if yes, methodology or refilling of trench.	Yes Agreed	
	(a) The trench width should be at least 30 cm. but not more than 60cm wider than the outer diameter of the pipe.	Yes Agreed	


EXECUTIVE ENGINEER
 Public Health, Rajamahendravaram

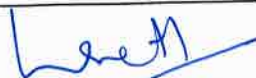
	(b) For filling of the trench, bedding shall be to a depth of not less than 30cm. It shall consist of granular material, free of lumps clods and cobbles and graded to yield a firm surface without sudden change in the bearing value (e) Unsuitable soil and rock edges should be excavated and replaced by selected material.	Yes Agreed	
	(c) the backfill shall be completed in two stages.		
	(i) Side fill the level of the top of the pipe and	Yes Agreed	
	(ii) Overfill to the bottom of the road crust.	Yes Agreed	
	(d) The side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture of 90% of the proctor's density as the materials that had been removed, consolidation by saturation or ponding will not be permitted.	Yes Agreed	
	(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 dip at the trench.	Yes Agreed	
	(f) The excavation shall be protected by flagman, signs and barricaded and red lights during the night hours.	Yes Agreed	
	(g) If required, a diversion shall be constructed at the expense of the agency owning the utility line.	Yes Agreed	
2.4.2	Horizontal Directional drilling (HDD) Method	Yes Agreed	
2.4.3	Laying of water supply pipe line through CD work and method laying.	NA	
	(a) Open approaches the water mains/cable shall be carried along a line as close to the edge of the right of the way as possible up to distance of 30 m from the bridge and subject to all other stipulation contained in the ministry's guidelines issued with letter NH -HI/66 dated. 19.11.1976.	NA	
3	Draft License agreement signed by two witnesses.	YES	
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	YES	
	good the excavated trench for laying the cables/ducts by proper filling and compaction cleaning debris/loose earth produced due to executing of trenching at least 50m away from the edge of the right of way no payment shall be payable by the NHAI to the license for clearing debris/loose earth.		
4.1	Performance BG as per above is to be obtained.	Yes Agreed	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	Yes Agreed	
5	Affidavite/undertaking from the application for.	Yes Agreed	
5.1	Not to damage to other utility, if damaged then to pay the losses either NHAI or to the concerned agency.	Yes Agreed	
5.2	Renewal of bank guarantee.	Yes Agreed	
5.3	Confirming all standard condition of NHAI guidelines	Yes Agreed	
5.4	Shifting to water pipe lines as and when required by NHAI at their own cost.	Yes Agreed	
5.5	Shifting due to lanning/ widening of NH	Yes Agreed	
5.6	Indemnity against all damages and claims clause (xxiv)	Yes Agreed	
5.7	Traffic movement during laying of water pipeline to be managed by the applicant.	Yes Agreed	
5.8	If any claim is raised by the concessionaire then the same has to be paid by the applicant.	Yes Agreed	
5.9	Prior approved of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs of alteration to the showing water pipe line located in the National Highway right of ways.	Yes Agreed	
5.1	Expenditure, if any incurred by NHAI for repairing any damage cause to the National Highway by the laying, maintenance or shifting of the water pipe line will be borne by the agency owning the line.	Yes Agreed	

EXECUTIVE ENGINEER
Public Health, Rajamahendravaram

5.11	If the NHAI consider it necessary in future to move the utility line for any work of improvement or repairs of the road , it will be carried out as desired by the NHAI or the cost of the agency owning the utility line with in a reasonable time (not exceeding 60 days) of the intimation given.	Yes Agreed	
5.12	Certificate from the application in the following format:		
	(i) laying of water Pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic	Yes	
	(ii) for lanning "we do undertake that I will relocates service road/approach road/ utilites at my own cost not withstanding the permission granted within such time as well be stipulated by NHAI for future six-lanning or any other development.	Yes	
6	Who well sign the agreement on behalf or water pipe line agency.	Executive Engineer, Public Health Engineering Division , GorakshanaPeta,Rajamahendravaram	
7	Certificate from the project director		
7.1	Certificate for confirming of all standard condition issued vlde ministry clrcular NO.NH 41 (58)/68 Dated. 31.01.1969 Ministry circular no. NHIII/P66/76 Dated 18/19/1976 Dated. 11.05.1982 Ministry circular No. RW/NH-11037/1/86-DOI (II) DATED 2/1/1993Ministry circular no. RW/NH-11037/1/86-DOI Dated. 19-1-1995.	Yes	
	Ministry circular No. RW/NH31066/2/95/S&R Dated25/10/1999 ANDMinistry circular no. RW/NH/34066/7/2003 S&R (B) Dated. 17-09-2003.		
7.2	Certificate from PD in the following format (I) it is certified that any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of water pipeline with in ROW will not adversely affect the desgin. stability and traffic safety of the highway nor the likely future imporvement such as widening of the carrigeway casing of curves etc.,	Yes	
	(ii) for 6 Lanning		
	(a) Where is feasibility availabe "I do certify that there will be no hindrance ot h proposed six Lanning based on the feasibility report considering proposed structured at the side location"	Yes	
	(B) In case feasibility Report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six Lanning"	Yes	
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 Licensee has been granted the right to lay wate pipe line cable duct has also been grantedd as right to way to the concessionaire under the concession agreement for up gradation of (..... section from km.....to km.... of	Yes	
9	Who will superwise the work of laying of water pipeline.	Applicant	
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.	Applicant	
11	Who will pay the claims for damage done /disruption In working of concessionaire if asked by the concessionaire.	Applicant	
12	A certificate from PD that he will enter the proposed permission in the register records of the permission in the prescribed proforma (copy enclosed)	Yes	
13	If any previous approval is accorded for of underground water pipeline then photo copy of register of records of permission accorded as maintained by PD then copy enclosed.	NA	


 Name/Designation/
 Signature of the Applicant
EXECUTIVE ENGINEER
 Public Health, Rajamahendravaram


 Manager (Tech)
 National Highways Authority of India
 Project Implementation Unit
 RAJAHMUNDY - 533 103


 Name/Designation/
 Signature of the concerned
 Field Authority of NHAI
PROJECT DIRECTOR
NHAI PIU
RAJAMAHENDRAVARAM.