



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



Lr.No NHAI/RO-VJA/11045/NOC/PSFL/2022-23/ 2279

July 06, 2022.

INVITATION OF PUBLIC COMMENTS

Sub: RO - Vijayawada - Permission for laying of OFC Cable using HDD Method on NH-16 crossing at Km.663+550, Km 659+950, Km 671+600, Km 667+600, Km 653+800 Km 653+008, Km 644+000 and Km 642+200 for a total route length of crossing 480 mts (across the road) at Bhogapuram, Denkada and Pasupatirega Mandals in Vizianagaram District in the state of Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Visakhapatnam submitted a proposal of M/s. Andhra Pradesh State FiberNet Limited for laying of OFC Cable using HDD Method on NH-16 crossing at Km.663+550, Km 659+950, Km 671+600, Km 667+600, Km 653+800 Km 653+008, Km 644+000 and Km 642+200 for a total route length of crossing 480 mts (across the road) at Bhogapuram, Denkada and Pasupatirega Mandals in Vizianagaram District in the state of Andhra Pradesh.

2. 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.



सत्यमेव जयते

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)

परियोजना कार्यलयन इकाई (जि वयू), भा.रा.रा.पा.एन्क्लेव, कि.मी. 2/8 रा.रा.-16

हनुमन्तवाका, विशाखपट्टणम - 530 040, ए.पि., भारत

Project Implementation Unit (GQ), NHAI Enclave, KM 2/8 NH-16

Hanumanthavaka, Visakhapatnam - 530 040, A.P., India

फोन / Tel : 0891-2707600, 2714119

ई-मेल/ E-mail : vis@nhai.org, nhaipiuvsp@gmail.com, वेब : www.nhai.gov.in



Ref. No.: NHAI/PIU-VSP/Permissions-APSFL/2022-23/ 283

Date : 28.06.2022

To
The Regional Officer,
Regional Office-Vijayawada
National Highways Authority of India,
D.No.41-29-45/A,R.S.No.373/2A,
Kodandaramalayam, Chalasani Nagar,
Ranigarithota, Krishnalanka
VIJAYAWADA-520013(A.P)

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av.
30/6/22

Sub: NHAI - PIU, Visakhapatnam -Crossing Requesting Right of way (ROW) permission for laying of Optical Fiber Cable (OFC) Road crossing of NH16 at Km. 663.550, 659.950, 671.600, 667.600, 653.800, 653.008, 644.000 and 642.200 for a length of crossing 480 mts (Across the road) Bhogapuram, denkada and Pasupatirega mandals in Vizianagaram district in the state of Andhra Pradesh Request for issuing NOC- Reg.

Ref: 1. APSFL/BBNL/ROW/BBNL/SRIKAKULAM-VISAKHAPATANAM/NHAI-VISAKHAPATANAM /2022/0003, Dated 12.05.2022 Received on 17.05.2022
2. This office Mail dated 02.06.2022
3. M/s Satra Letter No. 0141123/IE/02/6.4/0046 Dt. 08.06.2022
4. M/s Ashoka Letter No. ARARL/IE/NH16/2022-23/7772 dt:27.06.2022

1. Vide letter 01st cited, the Authorized Signatory, M/s. Andhra Pradesh State Fiber Net Limited., has submitted a proposal with a request to accord Permission for laying optical fiber cable across 8 Locations on the NH-16 for a total length of 480 Mts in Vizianagaram district in the state of Andhra Pradesh. The proposal has been forwarded to the Independent Consultant and concessionaire vide reference 02nd cited.
2. The subject proposal falls in 6-Laning of Ranasthalam to Anandapuram section thus concurrence/ report has been sought from both the Independent Engineer & Concessionaire. The proposal has been inspected and verified by Independent Engineer of this stretch and recommendations have been communicated vide reference 03rd cited and concessionaire has also submitted consent vide reference 4th cited above.
4. The following documents are submitted by the Agency as per the MORTH guidelines dated 22.11.2016.
 - (a) Proposal letter
 - (b) Check List
 - (c) The ROW details.
 - (d) License deed / Lease agreement.
 - (e) Undertakings
 - (f) Strip plan
 - (g) Detailed description of methodology for crossing.
 - (h) Detailed description of standard technical specification for laying of OFC
 - (i) License fee estimate

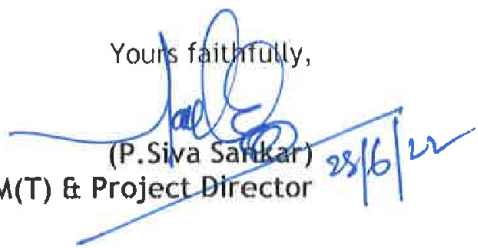
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(j) Cross section of Road crossing drawing.

6. In view of the recommendations of the Consultants and no objection from the concessionaire, the proposal submitted by M/s. Andhra Pradesh State Fiber Net Limited., for permission for laying of Optical Fiber Cable (OFC) across NH-16 Km. 663.550, 659.950, 667.600, 671.600, 653.800, 653.008, 644.000 and 642.200 for a length of crossing 480 mts (Across the road) at Bhogapuram, denkada and Pasupatirega mandals in Vizianagaram district in the state of Andhra Pradesh; is herewith recommended for the approval of the Competent Authority.

Encl: Proposal in two sets
(01 Original + 01 Duplicate)

Yours faithfully,


(P. Siwa Sarthar)
GM(T) & Project Director

28/6/22

CERTIFICATE

- 1 It is certified that the proposal for "Permission for laying optical fiber cable along the NH-16 at Km. 663.550, 659.950, 667.600, 671.600, 653.800, 653.008, 644.000 and 642.200 for a length of crossing 480 mts (Across the road) at Bhogapuram, denkada and Pasupatirega mandals in Vizianagaram district in the state of Andhra Pradesh" is confirming of all the standard conditions / guidelines issued vide Ministry circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016.
- 2 It is certified that the six laning at the above mentioned chainages has already been completed by M/s ARARL.
3. It is certified that the details of the proposed permission is entered in the Register of Records of the Permissions maintained by PIU.

Ch. Satish
Satish Chintada
Dy Manager(Tech)
28/06/2022

[P. Siva Sankar]
Project Director

B. Lakshmi Babu
Site Engineer

Calculation of Licence Fees and Bank Guarantee Amount

laying of Optical Fiber Cable (OFC) Road crossing of NH16 at Km. 663.550, 659.950, 667.600, 653.800, 653.800, 644.000 and 642.200 for a length of crossing 480 mts (Across the road) Bhogapuram, denkada and Pasupatirega mandals in Vizianagaram district in the state of Andhra Pradesh

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(P. Siva Sankar)
GM(T) & Project Director

CHECK LIST

Guidelines for processing the proposal for laying of utility line in the land along National Highways vested with NHAI/PWD/BRO

S.No	Item	Information Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Andhra Pradesh State FiberNet Limited 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada-520001, Andhra Pradesh, India.	
1.2	National Highway Number	NH 16	
1.3	State	Andhra Pradesh	
1.4	Location	Near Village Abutting Villages and Mandals Amatam Ravivalasa(V)-Bhogapuram(M) Bhogapuram East(V) – Bhogapuram (M) Savarabilli (V) – Bhogapuram (M) Modavalasa (V) – Denkada (M) Kopperla (V) – Pusapatirega (M) Kopperla (V) – Pusapatirega (M) Komavaram (V) – Pusapatirega (M) Alladapalem (V) – Pusapatirega (M)	
1.5	(Chainage in km)	Across the Road Crossing at: KM 663/550, 659/950, 667/600, 671/600, 653/800, 653/8, 644/000 and 642/200	
1.6	Length in Meters	480 Meters (Road Crossing)	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	(30 Meters)	
	(b) Right side from center line towards increasing chainage/km direction	(30 Meters)	
1.8	Proposal to lay the utility	Crossing	
	(a) Left side from center line towards increasing chainage/km direction		
	(b) Right side from center line towards increasing chainage/km direction		
1.9	Proposal to acquire land	Not Applicable	

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	(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	Crossing	
	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 existing lanes (2/4 6/8 lanes).	6 Lane	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes).	No proposed expansion	
1.14	Service road existing or not	Yes	
	If yes then which side	both sides	
	(a) Left side from center line	Yes	
	(b) Right side from center line	Yes	
1.15	Proposed Service Road	Not Applicable	
	(a) Left side from center line		
	(b) Right side from center line		
1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriageway	Crossing	
1.17	Whether carrying of OFC Cable has been Proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on Bridges.	
1.18	Whether carrying of OFC Cable has been proposed on the parapet/any part of the bridges. If yes, then mention the methodology proposed for the same	No, Utility (OFC) not proposed on Bridges.	

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1.19	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	Yes, HDPE Pipe	
	(a) Whether 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 structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meters.	More than 15 meters	
	(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. Mention type of casing.	HDPE Pipe for OFC Cable	
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.	Yes	
	(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 inverts. Mention the proposed details.	More than 2.5 Meters Below the surface of the road	

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	(h) Mention the methodology proposed for crossing of road for the proposed OFC Cable . Crossing shall be by boring method (HDD) (Trench less Technology), specially, where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD Method	
	(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 waterway along it.	Yes	
2	Document / Drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method	Not Applicable	
	(Is it normal size of 1.2m deep X 0.3m wide)	Not Applicable	
	(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe	Not Applicable	
	(ii) Located as close to the extreme edge of the right of-way as possible but not less than 15 meters from the center-lines of the nearest carriageway	Crossing	
	(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.	Not Applicable	
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Not Applicable	
2.2	Cross section showing the size of pit and location of cable for HDD method	Enclosed	
2.3	Strip plan/Route Plan showing the utility/ OFC Cable Chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Strip plan showing all the details is enclosed	

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2.4	Methodology for laying of the utility pipe line.	Enclosed (HDD Method)	
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, what is the Methodology of refilling of trench.	Not Applicable	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Not Applicable	
	(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. Unsuitable soil and rock edged 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 the top of the pipe and (ii) overfill to the bottom of the road crust.	Not Applicable	
	(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.	Not Applicable	

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S.N. Thota



	(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.	Not Applicable	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Not Applicable	
	(g) If required, a diversion shall be constructed at the expense of agency owning the utility line.	Yes	
2.4.2	Horizontal Directional Drilling (HDD) Method	Details Provided in Methodology of Laying	
2.4.3	Methodology for laying of Pipe Line through CD works and method of laying. In cases where the carrying of OFC Cable on the bridge becomes inescapable	Not Applicable	
3	Draft License Agreement is signed by two witnesses	Enclosed	
3.1	The licensee fee estimates as per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.	Enclosed	
4	Whether Performance Bank Guarantee as per Ministry's Circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 is obtained.	Undertaking for Submission of BG has been obtained from M/s Andhra Pradesh State Fibernet Limited.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines	Confirmation of BG Shall Be Obtained After BG Submission By M/s Andhra Pradesh State FiberNet Limited	
5	Affidavit / Undertaking from the Applicant for the following is to be furnished		
5.1	Undertaking for not to Damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MORTH/NHAI.	Enclosed	

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P. U. VISAKHAPATNAM

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5.3	Undertaking for Confirming all standard condition of Ministry Circulars and NHAI's guidelines.	Enclosed	
5.4	Undertaking for Indemnity against all damages and Claims	Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	Enclosed	
5.6	Undertaking that if any claim is raised by the Concessionaire/contractor then the same has to be paid by the applicant.	Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the utility located in the National Highway Right-of-Way.	Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular no. RW/NH-33044/29/2015/S&R(R) dated 12.12.2015)	Enclosed	
5.10	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	Not Applicable as the Utility line proposed OFC	
5.11	If the MoRTH/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 MoRTH/NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	

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National Highway Authority of India
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S.D. Thal



5.12	<p>Certificate from the applicant in the following format:</p> <p>(i) Laying of OFC Cable will not have any deleterious effects on any of the bridge components and roadway safety for traffic.</p> <p>(ii) "We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost notwithstanding the permission granted within such time as will be stipulated by NHAI" for future six-laning or any other development."</p>	<p>Enclosed</p> <p>Enclosed</p>	
6	Who will sign the agreement on behalf of OFC Cable agency?	GM-Admin,HR and Finance-Andhra Pradesh state Fibernet limited	
	Power of Attorney to sign the agreement is available or Not	Enclosed	
7	The Project Director, will submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide Ministry's Circular No: RW/NH-33044/29/2015/S&(R)dated 22.11.2016.	Enclosed	
7.2	<p>Certificate from PD in the following format</p> <p>(i) "It is certified that any other location of the OFC Cable would be extremely difficult and unreasonable costly and the installation of OFC Cable within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc.".</p> <p>(ii) for 6-lanning</p> <p>(a) Where feasibility is available</p> <p>"I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the said location".</p> <p>(b) In case feasibility report is not available</p> <p>"I do certify that sufficient ROW is available at site for accommodating proposed six-laning".</p>		

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Project Director
National Highways Authority of India
P.O. VISAKHAPATNAM

S.N. Thakur

Andhra Pradesh State Fibernet Limited.
Vijayawada

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 OFC Cable /duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of [----- section from Km to Km of NH No. ----- -- on Build; Operate and Transfer Basis] and therefore, the licensee shall honour the same.	HAM mode	
9	" Who will supervise the work of laying of OFC Cable		
	(a) On behalf of the Applicant	Sr.Manager- EPD,APSFL,Vijayawada	8328073241
	(b) On behalf of MoRTH/NHAI	NHAI PIU-Vijaywada	
10	who will ensure that the defects in road portion after laying of Utility pipe line are corrected and if not corrected then what action		
	(a) On behalf of the Applicant	Sr.Manager- EPD,APSFL,Vijayawada	
	(b) On behalf of NHAI	NHAI PIU-Vijaywada	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Andhra Pradesh State Fibernet Limited	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)		
13	If any previous approval is accorded for laying cable line, then Photocopy of register of records of permissions accorded (as maintained by PD) be enclosed.		

S.M. Thakur
Name, Designation & Signature of the
Authorized representative of applicant.
(SD. GHOUSE MOHIDDIN,
General Manager (F&A, HR),
Andhra Pradesh State FiberNet Limited.)



[Signature]
Name, Designation & Signature of the
Concerned field authority of NHAI/PWD/BRO.
Project Director
National Highways Authority of India
P.U. VISAKHAPATNAM

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