



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, कृष्णलंका, 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/ OFC/2022/ 1595

Date : 18.05.2022

To

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

Sub : Six-laning of Chilakaluripet - Nellore section of NH-16 from Km.1182.802 to Km1366.547 (length 183.620) in the state of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern - **Permission of laying of OFC across NH-16 at 35 nos of locations - Reg.**

Sir,

Please find enclosed herewith the proposal of M/s. Andhra Pradesh State Fiber Net Limited (APSFL), towards laying of OFC across NH-16 at 35 nos of locations on Chilakaluripet - Nellore section of NH-16 in the State of Andhra Pradesh.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R (R) dated 22nd November 2016, the application along with the recommendation of PD, PIU - Nellore 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 PD, PIU - Nellore - 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, कृष्णलंका, 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/ OFC/2022/ 1594

Date : 18.05.2022

INVITATION OF PUBLIC COMMENTS

Sub : Six-laning of Chilakaluripet - Nellore section of NH-16 from Km.1182.802 to Km.1366.547 (length 183.620) in the state of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern - **Permission of laying of OFC across NH-16 at 35 nos of locations - Reg.**

The Project Director, PIU - Nellore submitted a proposal of M/s. Andhra Pradesh State Fiber Net Limited (APSFL), Vijayawada towards laying of OFC across NH-16 at following 35 nos of locations on Chilakaluripet - Nellore section of NH-16 in the State of Andhra Pradesh:

S.No	OFC crossing location	Length (Mts)
(i)	Km.1186.98	50.5
(ii)	Km.1189.146	50.5
(iii)	Km.1189.586	50.5
(iv)	Km.1190.355	50.5
(v)	Km.1191.78	50.5
(vi)	Km.1195.28	60
(vii)	Km.1197.645	66
(viii)	Km.1206.27	66
(ix)	Km.1217.52	66
(x)	Km.1220.14	66
(xi)	Km.1221.77	66
(xii)	Km.1223.795	50.5
(xiii)	Km.1224.95	66
(xiv)	Km.1226.48	66
(xv)	Km.1227.7	66
(xvi)	Km.1229.62	60
(xvii)	Km.1230.85	50.5
(xviii)	Km.1258.535	66
(xix)	Km.1266.8	66
(xx)	Km.1269.94	66
(xxi)	Km.1278.69	66
(xxii)	Km.1283.8	66
(xxiii)	Km.1288.7	66
(xxiv)	Km.1312.8	51
(xxv)	Km.1314.4	51
(xxvi)	Km.1318.825	66
(xxvii)	Km.1324.505	66
(xxviii)	Km.1331.8	66
(xxix)	Km.1333.78	66
(xxx)	Km.1341.215	66
(xxxi)	Km.1343.228	66

DR

(xxxii)	Km.1344.385	66
(xxxiii)	Km.1345.36	66
(xxxiv)	Km.1358.39	66
(xxxv)	Km.1366.8	60
Total length		2153.50

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

3. 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,
Door 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

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्रप्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साध बाईपास रोड जंक्शन, वेदायपालेम, नेल्लोर - ५२४ ००४, आंध्रप्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

Ref: 11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022- 460

Date: 12.03.2022

To
The Regional Officer
National Highways Authority of India
Vijayawada.

Sir,

Sub: NHAI, PIU, Nellore -Six-laning of Chilakaluripet to Nellore section of NH-16 from Km. 1182.802 to Km. 1366.547 (length 183.620) in the state of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern- Permission for laying of OFC road crossing at Km. 1186/980, 1189/146, 1189/586, 1190/355, 1191/780, 1221/770, 1227/700, 1266/800 & 1278/690 for a total route length of crossing 516.50 mts(Across the Road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh- Approval Requested- reg

- Ref: 1. Letter No. Andhra Pradesh State Fiber Net Limited letter no. APSFL/BBNL/ROW/OFC/BBNL/Chilakaluripeta-Nellore/NHAI-Nellore/2022/0001/ dated 23.01.2022.
2. This office letter no.11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022-208 dated 03.02.2022.
3. I.E Letter no. AA/TL/CN/NH-16/PIU/2191/22-23/518 dated 18.02.2022.

With reference to the subject cited above, it is to inform that M/s. APSFL, vide reference 1st cited above, has submitted proposal to this office for Granting of Right of Way permission for laying of OFC road crossing at Km. 1186/980, 1189/146, 1189/586, 1190/355, 1191/780, 1221/770, 1227/700, 1266/800 & 1278/690 for a total route length of crossing 516.50 mts(Across the Road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh and requested this office for approval of the same.

This office vide reference 2nd cited above, has forwarded the proposal to IE, M/s Aarvee Associates Pvt Ltd, Singarayakonda to examine the proposal as per MoRTH guidelines and furnish necessary comments/ recommendations to this office.

M/s. Aarvee Associates Pvt Ltd, Singarayakonda vide reference 3rd cited above has recommended the above proposal, subject to certain condition (Copy enclosed).

In this connection, the proposal submitted by M/s. APSFL, has been examined light of MORT&H circular dated 22.11.2016 and it is to inform that:

The applicant has submitted:

1. Checklist
2. Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter
3. Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list)

✓

दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,

nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

4. Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts Plan showing proposed pipeline crossing.
5. Detailed description of methodology for OFC laying.
6. Cross section of Road crossing drawing
7. Route Strip plans
8. Calculations for amount to be paid to NHAI towards license fee.

As per the submitted plan, the applicant has proposed to lay the optical Fiber Cable with single line by Horizontal Directional Drilling (HDD) method in ROW within 2m utility corridor.

Applicant submitted the typical cross sections of Optical Fiber Cable across the highway for HDD with methodology.

The proposal is found to be in order as per MORT&H norms circular RW/NH-33044/29/2015/S&R (R), dated 22.11.2016. The proposal along with the copies of all the above mentioned documents is herewith submitted and it is recommended for approval of the Competent Authority granting of Right of Way permission for laying OFC road crossing at Km. 1186/980, 1189/146, 1189/586, 1190/355, 1191/780, 1221/770, 1227/700, 1266/800 & 1278/690 for a total route length of crossing 516.50 mts(Across the Road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh.


Encl: As above.

Yours faithfully


(T.Govardhan)
DGM(T)&Project Director
PIU- Nellore (AP)

CERTIFICATE

1. Proposal submitted by applicant for laying of Optical Fibre Cable has been examined and found to be in order as it satisfies and confirms the standard conditions issued vide Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location utility line would be extremely difficult and unreasonable costly and installation of utility line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. Supervision of the work of laying of utility will be done by the Independent Engineer and it will be ensured that the defects in road portion and corrected after laying of utility.
4. It will be ensured that proposed permission is entered in the register of records.


12/03/2022
(T.Govardhan)
DGM(T)&Project Director
PIU- Nellore (AP)

IE Services during O&M period for 6-lane
Chilakaluripet - Nellore section of NH-16 in the state
of Andhra Pradesh on DBFOT pattern

Letter no. AA/TL/CN/NH-16/PIU/2191/22-23/518
Date: 18th February 2022

To
The Project Director
Project Implementation Unit,
National Highways Authority of India
Nellore, Andhra Pradesh.

Received on 22.2.22	
No. By hand 586	
PD	
MGR/ Dy. MGR	
LAO 123	
PA/Accts	
SE 12345	

Sub: Six laning of Chilakaluripet – Nellore section of NH-5 from Km 1182.802 to Km 1366.547 (length 83.620 km) in the State of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern – **Permission for laying of OFC road crossing at Km. 1186.980, 1189.146, 1189.586, 1190.355, 1191.780, 1221.770, 1227.700, 1266.800, 1278.690 for a total route length of crossing 516.50 mts (Across road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh – IE Report - Reg.**

Ref : 1. Your office letter no. 11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022-208 dated 03.02.2022
2. M/s Andhra Pradesh State FiberNet Limited's letter no. APSFL/BBNL/ROW/OFC/BBNL / CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0001 dated 23.01.2022

Dear Sir,

This has reference to the subject matter and your office letter cited above, wherein it was instructed to examine the proposal of M/s Andhra Pradesh State FiberNet Limited seeking permission for laying of Optical Fiber Cable crossing NH-16 at Km. 1186.980, 1189.146, 1189.586, 1190.355, 1191.780, 1221.770, 1227.700, 1266.800, 1278.690 in K.Rajupalem, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh state for a total route length of 516.50 mts (Across NH-16)

In this regard, we have conducted the site inspection on 16.02.2022 along with M/s APFSL's representatives with the submission with respect to the site conditions and the proposals are found to be in order as per Guidelines for Accommodation of Public & Industrial Utility Services along and across National Highways, vide MoRTH circular no. RW / NH – 33044 / 29/ 2015 / S&R (R) dated 22.11.2016. Hence we hereby recommend to grant permission subject to the following conditions:

- The applicant shall strictly adhere to Horizontal Directional Drilling method as per the Guidelines of MoRTH circular for proposed crossing of their OFC cable **across the NH-16 only** at the locations mentioned above.
- Prior to the commencement of work the applicant must take safety clearances from the respective authorities such as Directorate of Electricity.
- The casing / conduit pipe containing cables shall be at least 2.5m below the OGL as shown in the drawings.
- The pits for HDD crossing shall be done within the Utility Corridor i.e. extreme edge of the ROW.
- The applicant should take necessary safety measures / precautions (like barricading, caution boards, danger lighting etc.), while executing the works within the Project Highway.
- The Labour Laws shall be followed.

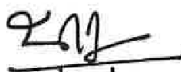
2/12

- g) The damages may occur to the Project Highway and its assets by the applicant, the same shall be restored / reimbursed by the applicant at their risk & cost.
- h) As the project stretch is under Concession (BOT (Toll)) with the Concessionaire, M/s Simhapuri Expressway Limited from Km.1182+802 to Km.1366.547 of six laning of Chikaluripet – Nellore section of NH-5, the applicant shall honor the Concessionaire, as per relevant provision of the Concession Agreement, while executing their works. With regard to the execution of works, prior intimation (15 days in advance) has to be given by the applicant to the Concessionaire and Independent Engineer / NHAI for safe execution of works.
- i) Safety and security of the already installed utilities shall be taken care of by the applicant while executing the works.
- j) The period of validity of ROW permission shall be co-terminus with the validity of license.
- k) The work shall be carried out strictly in accordance with MoRTH guidelines issued vide MoRTH circular no. RW / NH – 33044 / 29/ 2015 / S&R (R) dated 22.11.2016 and relevant NHAI circulars.
- l) The applicant shall submit 3 copies of "As-laid drawings" of utilities (Hard & Soft copies) with Geo-tagged photographs & Geo-tagged videos to the Authority with in a month of completion of works.

Thanking you and assuring our best services at all times.

With best regards

For Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.


18/02/2022

B. Chandra Sekhar

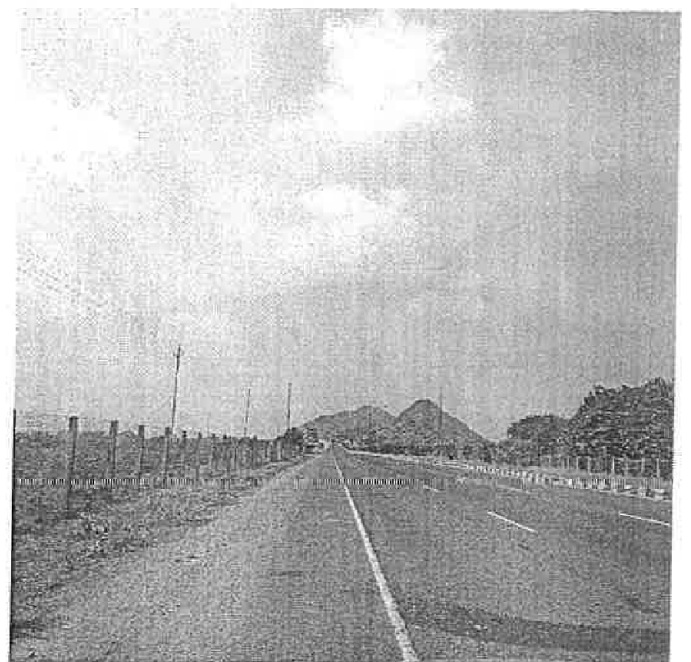
Team Leader cum Highway Engineer

Chikaluripet-Nellore section, NH-16

Encl: Site Photographs

Copy to:

1. Project In-charge, SEL, Tangutur – for information.
2. The I.E, HO, Aarvee Associates - for information.



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भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्रप्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साथ बाईपास रोड जंक्शन, वेदायपालेम, नेल्लोर - ५२४ ००४, आंध्रप्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.



दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,

nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref: 11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022- 208

Date: 03.02.2022

To

The Team Leader

M/s. Aarvee Associates Pvt. Ltd.

Kandukur Road

Singarayakonda.

Sir,

Sub: NHAI, PIU, Nellore-Six laning of Chilakaluripet to Nellore section of NH-16 from Km. 1182.802 to Km. 1366.547(length 183.620) in the state of Andhra Pradesh under NHDP Phase V to be executed as BOT(Toll) project on DBFOT pattern-Permission for laying of OFC road crossing at Km. 1186/980, 1189/146, 1189/586, 1190/355, 1191/780, 1221/770, 1227/700, 1266/800 & 1278/690 for a total route length of crossing 516.50 mts(Across the Road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh-Report-Reg.

Ref: APSFL/BBNL/ROW/OFC/BBNL/CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0001 dated 23.01.2022.

With reference to the subject cited above, it is to inform that M/s. APSFL vide letter cited above has furnished application for Permission for laying of OFC road crossing at Km. 1186/980, 1189/146, 1189/586, 1190/355, 1191/780, 1221/770, 1227/700, 1266/800 & 1278/690 for a total route length of crossing 516.50 mts(Across the Road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur & Singarayakonda in Prakasam district of Andhra Pradesh and requested for approval.

In this connection, it is requested to examine the above proposal as per NHAI norms, as per CA and as per site conditions and send a detailed report to this office for taking further necessary action.

Encl: As above.

T. Govardhan
03/02/2022

(T.Govardhan)

DGM(T) & Project director

PIU-Nellore(AP)

Copy to:

The Project In-charge, M/s. SEL, Tangutur-for information and necessary action.

Received at
P. Paul
02/02/2022

APSFL/BBNL/ROW/OFC/BBNL/CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0001

To,

Date: 23.01.2022

The Project Director,
National Highway Authority of India,
Project Implementation Unit,
Bypass road junction with old GNT road,
Driver's Colony,
Buja Buja Nellore Rural,
Andhra Pradesh 524004.

Received on 28.1.22	
No. By hand - 289	
PD	<input checked="" type="checkbox"/>
MGR/ Dy. MGR	<input type="checkbox"/>
LAO 123	<input type="checkbox"/>
PA/Accts	<input checked="" type="checkbox"/>
SE 12345	<input type="checkbox"/>

SUB:

Requesting for Right of Way(Row) Permission for laying of Optical Fiber Cable (OFC) Road Crossing NH16KM.1186/980,1189/146,1189/586,1190/355,1191/780,1221/770,1227/700,1266/800 and 1278/690 for a total route length of crossing 516.50 meters (Across the road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur, and Singarayakonda in Prakasham District of Andhra Pradesh the Jurisdiction of NHAI, PIU, Nellore.

Ref: Ministry of Road Transport & Highways (MORTH) Guidelines for granting permission for laying Utility Services along and/or across ROW vide letter No. **RW/NH-33044/29/2001/S&R(R)** dated **22-11-2016**.

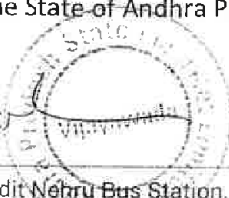
Dear Sir,

ANDHRA PRADESH STATE FIBERNET LIMITED, having office 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada-520001, Andhra Pradesh, India is registered with Department of Telecommunication (DoT) as Infrastructure Provider category I (IP-I) vide registration certificate NO.:619/2016 dated 12.04.2016 to establish and maintain the assets such as Dark Fiber, Right of Way, and Duct space

The Government of India is very ambitious about bridging the digital divide. The Bharat Net project (formerly National Optical Fiber Network (NOFN)) has been one such digital plan of the Government of India that aims to digitally connect all villages and Gram Panchayats by broadband Internet connectivity.

Govt. of Andhra Pradesh (GoAP) has entered MoU with the Universal Service Obligation Fund (USOF)-Department of Telecommunications (DoT) and Bharat Broadband Network Limited (BBNL) to implement BharatNet Phase-II Project in the State of Andhra Pradesh. In this regard, Andhra Pradesh State FiberNet Limited (APSFL), the State Implementation Agency', on behalf of GoAP has undertaken the responsibility of design, Implementation and Management of BharatNet Phase-II Project in the State of Andhra Pradesh.

S.N. Thota



	I N D E X
SI No	Details
1	Application
2	Check list
3	License Deed for laying of Optical Fiber Cable on National Highway Land
4	Undertaking for submission of Performance Bank Guarantee
5	Undertaking for payment of License Fees/Lease Rentals
6	Undertaking as per Sl. No. 5 of Check List
7	Certificate as per Sl. No. 5.12 of Check List
8	Methodology of Laying OFC
9	Traffic Management Plan
10	Strip Plan/Drawings
11	Typical Cross Section of OFC ducts (Open Trench Method)
12	Typical Cross Section of Road Crossing through HDD Method (Horizontal Directional Drilling)
13	IP-1 Registration Certificate issued by Department of Telecommunications, GoI
14	Certificate of Incorporation
15	Power of Attorney
16	MoRTH GUIDELINES RW/NH-33044/29/SR(R) Dt. 22.11.2016

S. A. Thul



APSFL/BBNL/ROW/OFC/BBNL/CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0001

To,

The Project Director,
National Highway Authority of India,
Project Implementation Unit,
Bypass road junction with old GNT road,
Driver's Colony,
Buja Buja Nellore Rural,
Andhra Pradesh 524004.

Received on 28.1.22	
No. By hand-289	
PD	
MGR/ Dy. MGR	
LAO 123	
PA/Accts	
SE 12345	

Date: 23.01.2022

SUB:

Requesting for Right of Way(Row) Permission for laying of Optical Fiber Cable (OFC) Road Crossing NH 16KM.1186/980,1189/146,1189/586,1190/355,1191/78 0,1221/770,1227/700,1266/800 and 1278/690 for a total route length of crossing 516.50 meters (Across the road) in Ulavapadu, Martur, Korisapadu, Maddipadu, Tangutur, and Singarayakonda in Prakasham District of Andhra Pradesh the Jurisdiction of NHAI, PIU, Nellore.

Ref: Ministry of Road Transport & Highways (MORTH) Guidelines for granting permission for laying Utility Services along and/or across ROW vide letter No. **RW/NH-33044/29/2001/S&R(R)** dated 22-11-2016.

Dear Sir,

ANDHRA PRADESH STATE FIBERNET LIMITED, having office 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada-520001, Andhra Pradesh, India is registered with Department of Telecommunication (DoT) as Infrastructure Provider category I (IP-I) vide registration certificate NO.: 619/2016 dated 12.04.2016 to establish and maintain the assets such as Dark Fiber, Right of Way, and Duct space

The Government of India is very ambitious about bridging the digital divide. The Bharat Net project (formerly National Optical Fiber Network (NOFN)) has been one such digital plan of the Government of India that aims to digitally connect all villages and Gram Panchayats by broadband Internet connectivity.

Govt. of Andhra Pradesh (GoAP) has entered MoU with the Universal Service Obligation Fund (USOF)-Department of Telecommunications (DoT) and Bharat Broadband Network Limited (BBNL) to implement BharatNet Phase-II Project in the State of Andhra Pradesh. In this regard, Andhra Pradesh State FiberNet Limited (APSFL), the State Implementation Agency', on behalf of GoAP has undertaken the responsibility of design, Implementation and Management of BharatNet Phase-II Project in the State of Andhra Pradesh.



3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH - 65, Vijayawada - 520 001. Andhra Pradesh.

E-mail : apsfl@ap.gov.in | Web : www.apsfl.in

As part of this project, we must laying underground optical Fiber Cable (OFC) through HDPE RoadCrossingNH16KM.1186/980,1189/146,1189/586,1190/355,1191/780,1221/770,1227/700,1266/800,1278/690for a total route length of crossing 516.50 meters(Across the road) in Ulavapadu ,Martur,Korisapadu,Maddipadu,Tangutur, and Singarayakonda in Prakasham District of Andhra Pradesh the Jurisdiction of NHAI ,PIU,Nellore.

The HDPE ducts of 40mm dia (50mm OD) x 2 ducts will be laid at the extreme possible edge of RoW at a depth of 1.65 mtrs., using various methods like Open Trenching, Horizontal Directional Drilling (HDD), Clamping and other suitable method as required on the ground to construct a Fiber Optic backbone link.

The Trenching & restoration work shall be carried out in accordance with cited MORTH guidelines with utmost care.


As per point no. 5 & 6 of MORTH guidelines cited above, we shall submit License Fee and a Performance Bank Guarantee for an amount based on per route meter, in the prescribed format with a validity of 1 year (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc..

Further, as per MORTH guidelines cited above, we have enclosed herewith all the required documentation like Strip plans, Undertakings, Certificates, Indemnity Bonds and other documents as per the check list for your kind perusal.

As you may appreciate this project shall be completed on top priority in the larger interest of all the stake holders, request you to kindly accord us the RoW permission at the earliest. Please do let us know for any further information/clarifications.

Thanking you,

Yours Sincerely,


For ANDHRA PRADESH STATE FIBERNET LIMITED

Authorized Signatory

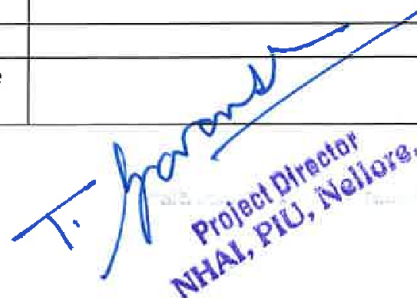
Enclosures: As per Index Sheet.

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	NH16	
1.3	State	Andhra Pradesh	
1.4	Location	Abutting Villages and mandals K.Rajupalem (V): Ulavapadu(M) Martur (V): Martur(M) Jonnathalli agraharm(V) : Martur(M) Korisapadu (V): Korisapadu(M) Garlapadu (V): Maddipadu(M) Tangutur (V): Tangutur(M) Singarayakonda(V) : Singarayakonda(M)	
1.5	(Chainage in km)	Across the Road Crossing at: KM 1186/980,1189/146,1189/586, 1190/355,1191/780,1221/770, 1227/700,1266/800 and 1278/690	
1.6	Length in Meters	516.50 Meter(Road Crossing)	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/km direction	Varies from 25 meters to 33 meters	
	(b) Right side from center line towards increasing chainage/km direction	Varies from 25 meters to 33 meters	
1.8	Proposal to lay the utility		
	(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		
	(a) Left side from center line		
	(b) Right side from center line		
1.10	Whether proposal is in the same side where land is not to be acquired		




 Project Director
 NHAI, PIU, Nellore.

	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the proposed route		
1.12	Number of existing lanes (2/4 6/8 lanes).	6Line	
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	KM.1221/770 only LHS available And RHS Not available
	If yes then which side		
	(a) Left side from center line	yes	
	(b) Right side from center line	yes	
1.15	Proposed Service road		
	(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	After the service road	
1.17	Whether carrying of sewage/gas pipeline has been Proposed on highway Bridges. If Yes, then mention the methodology proposed for the same.	NA	
1.18	Whether carrying of sewage/gas pipeline has been proposed on the parapet/any part of the bridges. If Yes, then mention the methodology proposed for the same	NA	
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	More than 15 meters	

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	existing structures on the National Highway, the minimum distance being 15 meter.		
	(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.		
	(e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.		
	(f) The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope in the fills.		
	(g) The top of the casing/conduit pipe should be at least meter 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	
	(h) Mention the methodology proposed for crossing of road for the proposed Sewage/gas pipe line. 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.		
2	Document / Drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method	Enclosed	
	(Is it normal size of 1.2m deep X 0.3m wide)	Yes	
	(i) Should not be greater than 60 Cm wider than the outer diameter of the pipe		



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	(ii) Located as close to the extreme edge of the right of-way as possible but not less than 15 meter from the center-lines of the nearest carriageway	Yes, OFC is Proposed at the extreme edge of the Right of Way	
	(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.	Yes	
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/Gas pipe line, 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	
2.4	Methodology for laying of the utility pipe line.	Enclosed	
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.	Yes, Methodology of refilling is attached.	
	(a) The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.	Enclosed	
	(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.	Yes	
	(c) The backfill shall be completed in two stages (i) side - fill to the level of	Yes	



T. Jagan
Project Director
NHAI, PTU, Nellore.

	the top of the pipe and (ii) overfill to the bottom of the road crust.		
	(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.	Yes	
	(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.	Yes	
	(f) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	
	(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 gas pipe line on the bridge becomes inescapable	NA	
3	Draft License Agreement is signed by two witnesses	Enclosed	
3.1	The licensee fee estimate 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		

S. N.



T. Jaganmohan
Project Director
NHAI, PTU, Nellore.

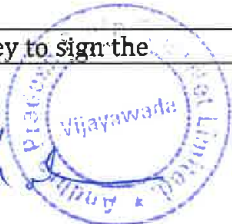
5.1	Undertaking for not to Damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MORTH/NHAI.	Enclosed	
5.3	Undertaking for Confirming all standard condition of Ministry Circulars 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-ways.	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	



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Project Director
NHAI, PIU, Nellore.

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 22.11.2016)	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	
5.12	Certificate from the applicant in the following format: (i) Laying of Gas pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. (ii) "We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time as will be stipulated by NHAI" for future six-laning or any other development."	Enclosed Enclosed	
6	Who will sign the agreement on behalf of Gas pipe line agency.	GM-Admin,HR and Finance-Andhra Pradesh state Fibernet limited	
	Power of Attorney to sign the	Enclosed	

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T. Javara
 Project Director
 NHAI, PIU, Nellore. Page 7 of 10

	agreement is available or Not		
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	Certificate from PD in the following format (i) "It is certified that any other location of the Gas pipe line would be extremely difficult and unreasonable costly and the installation of Gas pipe line 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". (ii) for 6-lanning (a) Where feasibility is available "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". (b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning".	Enclosed Enclosed Enclosed	
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 Gas Pipeline/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.	NA	

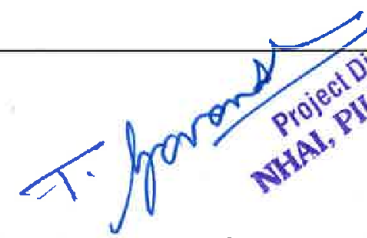
T. Jagan
Project Director
NHAI, PU, Nellore.

S. N. Th



9	" Who will supervise the work of laying of Cable pipe line		
	(a) On behalf of the Applicant	Sr.Manager-EPD,APSFL,Vijayawada	
	(b) On behalf of MoRTH/NHAI	NHAI PIU-Nellore	
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 will be taken.		
	(a) On behalf of the Applicant	Sr.Manager-EPD,APSFL,Vijayawada	
	(b) On behalf of NHAI	NHAI PIU-Nellore	
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)	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.	NA	

S.K. 
 [Name Designation and signature of the
 field Authority of NHAI/PWD/BRO.]


 [Name Designation and signature of concerned
 authorized representative of applicant]

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India
(Ministry of Road Transport & Highways)

परियोजना कार्यान्वयन इकाई, नेल्लोर, आंध्र.

Project Implementation Unit, Nellore, A.P.

जी.एन.टी. राड, के साथ बाईपास रोड जंक्शन, वेदायपालेम, नेल्लोर - 524 004, आंध्र.

Bypass Road Junction with Old GNT Road, Vedayapalem, Nellore - 524 004, A.P.

Ref:11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022- 576

To
The Regional Officer
National Highways Authority of India
Vijayawada.



दूरभाष : Ph No : 0861-2366040

ई-मेल : email : nel@nhai.org,

nhainel@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Sub: NHAI, PIU, Nellore -Six laning of Chilakaluripet to Nellore section of NH-16 from Km. 1182.802 to Km. 1366.547(length 183.620) in the state of Andhra Pradesh under NHDP Phase V to be executed as BOT(Toll) project on DBFOT pattern- Permission for laying Optical Fibre cable along the NH-16 from Km. 1195.280, 1197.645, 1206.270, 1217.520, 1220.140, 1223.795, 1224.950, 1226.480, 1229.620, 1230.850, 1258.535, 1269.940, 1283.800 & 1288.700 for a total route length of crossing 881 mts (Across the Road) in Martur, Janakavaram, Pangaluru, Korisapadu, Medarmetla, Darsi, Maddipadu, Tanguturu, Singarayakonda & Ulavapadu in Prakasam District state of Andhra Pradesh - Approval Requested-Reg.

- Ref: 1. Letter No. Andhra Pradesh State Fiber Net Limited letter no. APSFL/BBNL/ROW/OFC/BBNL/Chilakaluripeta-Nellore/NHAI-Nellore/2022/0002 dated 23.01.2022.
2. This office letter no.11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022-209 dated 03.02.2022.
3. I.E Letter no. AA/TL/CN/NH-16/PIU/2191/22-23/519 dated 18.02.2022.

With reference to the subject cited above, it is to inform that M/s. APSFL, vide reference 1st cited above, has submitted proposal to this office for granting of Right of Way permission for laying of OFC road crossing at Km. 1195.280, 1197.645, 1206.270, 1217.520, 1220.140, 1223.795, 1224.950, 1226.480, 1229.620, 1230.850, 1258.535, 1269.940, 1283.800 & 1288.700 for a total route length of crossing 881.0 mts (Across the Road) in Martur, Janakavaram Pangaluru, Korisapadu, Medarmetla, Darsi, Maddipadu, Tanguturu, Singarayakonda & Ulavapadu in Prakasam District of Andhra Pradesh and requested this office for approval of the same.

This office vide reference 2nd cited above, has forwarded the proposal to IE, M/s Aarvee Associates Pvt Ltd, Singarayakonda to examine the proposal as per MoRTH guidelines and furnish necessary comments/ recommendations to this office.

M/s. Aarvee Associates Pvt Ltd, Singarayakonda vide reference 3rd cited above has recommended the above proposal, subject to certain condition (Copy enclosed).

In this connection, the proposal submitted by M/s. APSFL, has been examined light of MORT&H circular dated 22.11.2016 and it is to inform that:

The applicant has submitted:

1. Checklist

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2. Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter
3. Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list)
4. Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts Plan showing proposed pipeline crossing.
5. Detailed description of methodology for OFC laying.
6. Cross section of Road crossing drawing
7. Route Strip plans
8. Calculations for amount to be paid to NHAI towards license fee.

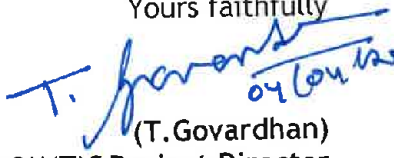
As per the submitted plan, the applicant has proposed to lay the optical Fiber Cable with single line by Horizontal Directional Drilling (HDD) method in ROW within 2m utility corridor.

Applicant submitted the typical cross sections of Optical Fiber Cable across the highway for HDD with methodology.

The proposal is found to be in order as per MORT&H norms circular RW/NH-33044/29/2015/S&R (R), dated 22.11.2016. The proposal along with the copies of all the above mentioned documents is herewith submitted and it is recommended for approval of the Competent Authority granting of Right of Way permission for laying OFC road crossing at Km. 1195.280, 1197.645, 1206.270, 1217.520, 1220.140, 1223.795, 1224.950, 1226.480, 1229.620, 1230.850, 1258.535, 1269.940, 1283.800 & 1288.700 for a total route length of crossing 881.0 mts(Across the Road) in Martur, Janakavaram Pangaluru, Korisapadu, Medarmetla, Darsi, Maddipadu, Tanguturu, Singaraykonda & Ulavapadu in Prakasam District of Andhra Pradesh.

Encl: As above.

Yours faithfully


(T. Govardhan)
DGM(T)&Project Director
PIU- Nellore (AP)

CERTIFICATE

1. Proposal submitted by applicant for laying of Optical Fibre Cable has been examined and found to be in order as it satisfies and confirms the standard conditions issued vide Ministry Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016.
2. It is certified that any other location utility line would be extremely difficult and unreasonable costly and installation of utility line within RoW will not adversely affect the design, stability & traffic safety of highway nor the likely future improvement such as widening of the carriageway, easing of curve, etc.
3. Supervision of the work of laying of utility will be done by the Independent Engineer and it will be ensured that the defects in road portion and corrected after laying of utility.
4. It will be ensured that proposed permission is entered in the register of records.


04/04/2022
(T. Govardhan)
DGM(T)&Project Director
PIU- Nellore (AP)

IE Services during O&M period for 6-lane
Chilakaluripet - Nellore section of NH-16 in the state
of Andhra Pradesh on DBFOT pattern

Letter no. AA/TL/CN/NH-16/PIU/2191/22-23/519
Date: 18th February 2022

To
The Project Director
Project Implementation Unit,
National Highways Authority of India
Nellore, Andhra Pradesh.

Received on 22.2.22	
No. Hand 565	
PD	
MGR/ Dy. MGR	
LAO 123	
PA/Accts	
SE 12345	

Sub: Six laning of Chilakaluripet – Nellore section of NH-5 from Km 1182.802 to Km 1366.547 (length 83.620 km) in the State of Andhra Pradesh under NHDP Phase V to be executed as BOT (Toll) project on DBFOT pattern – **Permission for laying of OFC road crossing at Km. 1195.280, 1197.645, 1206.270, 1217.520, 1220.140, 1223.795, 1224.950, 1226.480, 1229.620, 1230.850, 1258.535, 1269.940, 1283.800 & 1288.700 for a total route length of crossing 881 mts (Across the road) in Martur, Janakavaram Pangaluru, Korisapadu, Medarmetla, Darsi, Maddipadu, Tanguturu, Singarayakonda & Ulavapadu in Prakasam district of Andhra Pradesh – IE Report - Reg.**

Ref : 1. Your office letter no. 11011/2.0/OFC/C-N/NHAI/PIU/NELLORE/2022-209 dated 03.02.2022
2. M/s Andhra Pradesh State FiberNet Limited's letter no. APSFL/BBNL/ROW/OFC/BBNL / CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0002 dated 23.01.2022

Dear Sir,

This has reference to the subject matter and your office letter cited above, wherein it was instructed to examine the proposal of M/s Andhra Pradesh State FiberNet Limited seeking permission for laying of Optical Fiber Cable crossing NH-16 at Km. 1195.280, 1197.645, 1206.270, 1217.520, 1220.140, 1223.795, 1224.950, 1226.480, 1229.620, 1230.850, 1258.535, 1269.940, 1283.800 & 1288.700 for a total route length of crossing 881 mts (Across the road) in Martur, Janakavaram Pangaluru, Korisapadu, Medarmetla, Maddipadu, Tanguturu, Singarayakonda & Ulavapadu in Prakasam district of Andhra Pradesh state for a total route length of 881 mts (Across NH-16).

In this regard, we have conducted the site inspection on 16.02.2022 along with M/s APFSL's representatives with the submission with respect to the site conditions and the proposals are found to be in order as per Guidelines for Accommodation of Public & Industrial Utility Services along and across National Highways, vide MoRTH circular no. RW / NH – 33044 / 29/ 2015 / S&R (R) dated 22.11.2016. Hence we hereby recommend to grant permission subject to the following conditions:

- The applicant shall strictly adhere to Horizontal Directional Drilling method as per the Guidelines of MoRTH circular for proposed crossing of their OFC cable **across the NH-16 only** at the locations mentioned above.
- Prior to the commencement of work the applicant must take safety clearances from the respective authorities such as Directorate of Electricity.
- The casing / conduit pipe containing cables shall be at least 2.5m below the OGL as shown in the drawings.
- The pits for HDD crossing shall be done within the Utility Corridor i.e. extreme edge of the ROW.
- The applicant should take necessary safety measures / precautions (like barricading, caution boards, danger lighting etc.), while executing the works within the Project Highway.

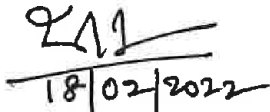
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- f) The Labour Laws shall be followed.
- g) The damages may occur to the Project Highway and its assets by the applicant, the same shall be restored / reimbursed by the applicant at their risk & cost.
- h) As the project stretch is under Concession (BOT (Toll)) with the Concessionaire, M/s Simhapuri Expressway Limited from Km.1182+802 to Km.1366.547 of six laning of Chilakaluripet – Nellore section of NH-5, the applicant shall honor the Concessionaire, as per relevant provision of the Concession Agreement, while executing their works. With regard to the execution of works, prior intimation (15 days in advance) has to be given by the applicant to the Concessionaire and Independent Engineer / NHAI for safe execution of works.
- i) Safety and security of the already installed utilities shall be taken care of by the applicant while executing the works.
- j) The period of validity of ROW permission shall be co-terminus with the validity of license.
- k) The work shall be carried out strictly in accordance with MoRTH guidelines issued vide MoRTH circular no. RW / NH – 33044 / 29/ 2015 / S&R (R) dated 22.11.2016 and relevant NHAI circulars.
- l) The applicant shall submit 3 copies of "As-laid drawings" of utilities (Hard & Soft copies) with Geo-tagged photographs & Geo-tagged videos to the Authority with in a month of completion of works.

Thanking you and assuring our best services at all times.

With best regards

For Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.

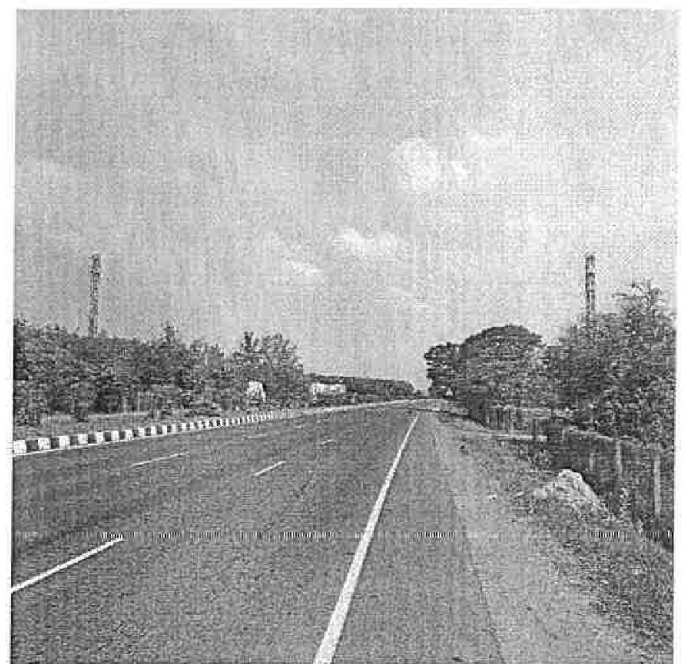
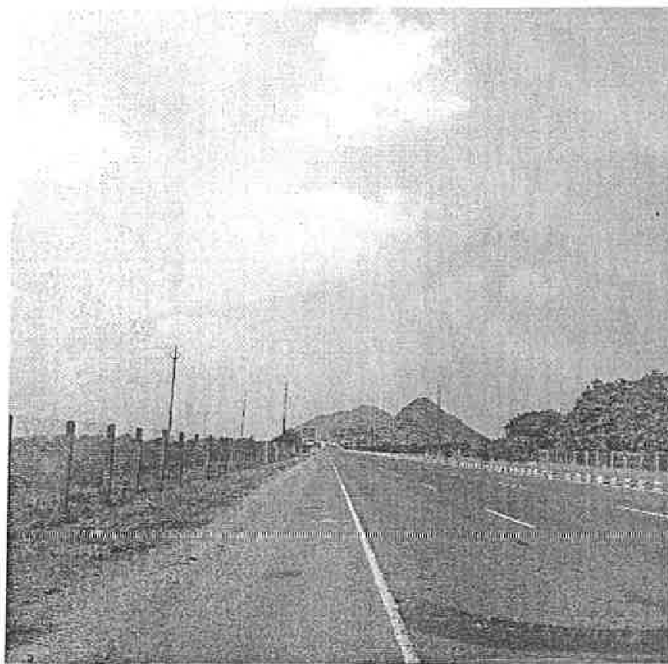
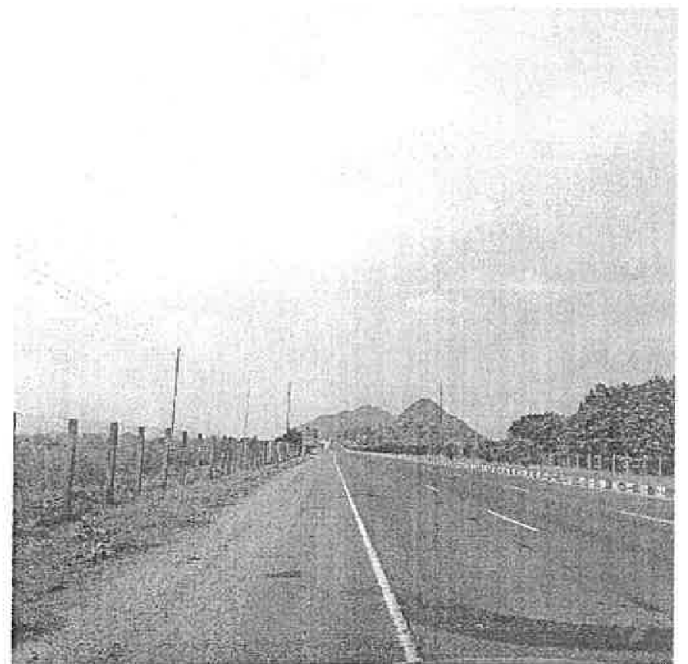

18/02/2022

B. Chandra Sekhar
Team Leader cum Highway Engineer
Chilakaluripet-Nellore section, NH-16

Encl: Site photographs

Copy to:

1. Project In-charge, SEL, Tangutur – for information.
2. The I.E, HO, Aarvee Associates - for information.



APSFL/BBNL/ROW/OFC/BBNL/CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0002

To,

The Project Director,
 National Highway Authority of India,
 Project Implementation Unit,
 Bypass road junction with old GNT road,
 Driver's Colony,
 Buja Buja Nellore Rural,
 Andhra Pradesh 524004.

Received on 28.1.22	
No. By hand 290	
PD	<input checked="" type="checkbox"/>
MGR/ Dy. MGR	<input type="checkbox"/>
LAO 123	<input type="checkbox"/>
PA/Accts	<input checked="" type="checkbox"/>
SE 12345	<input type="checkbox"/>

Date: 23.01.2022

SUB:

Requesting for Right of Way(Row) Permission for laying of Optical Fiber Cable (OFC) Road Crossing NH 16 KM. 1195/280, 1197/645, 1206/270, 1217/520, 1220/140, 1223/795, 1224/950, 1226/480, 1229/620 1230/850, 1258/535, 1269/940, 1283/800 and 1288/700 for a total route length of crossing 881 meters (Across the road) in Martur, Janakavaram Panguluru Korisapadu, Medarametla, Darsi, Maddipadu, Tangutur, Singarayakonda and Ulavapadu in Prakasham District of Andhra Pradesh the Jurisdiction of NHAI, PIU, Nellore.

Ref: Ministry of Road Transport & Highways (MORTH) Guidelines for granting permission for laying Utility Services along and/or across ROW vide letter No. **RW/NH-33044/29/2001/S&R(R)** dated 22-11-2016.

Dear Sir,

ANDHRA PRADESH STATE FIBERNET LIMITED, having office 3rd Floor, NTR Administrative Block, Pandit Nehru Bus Station, NH 65, Vijayawada-520001, Andhra Pradesh, India is registered with Department of Telecommunication (DoT) as Infrastructure Provider category I (IP-I) vide registration certificate NQ:619/2016 dated 12.04.2016 to establish and maintain the assets such as Dark Fiber, Right of Way, and Duct space

The Government of India is very ambitious about bridging the digital divide. The Bharat Net project (formerly National Optical Fiber Network (NOFN)) has been one such digital plan of the Government of India that aims to digitally connect all villages and Gram Panchayats by broadband Internet connectivity.

Govt. of Andhra Pradesh (GoAP) has entered MoU with the Universal Service Obligation Fund (USOF)-Department of Telecommunications (DoT) and Bharat Broadband Network Limited (BBNL) to implement BharatNet Phase-II Project in the State of Andhra Pradesh. In this regard, Andhra Pradesh State FiberNet Limited (APSFL), the State Implementation Agency', on behalf of GoAP has undertaken the responsibility of design, Implementation and Management of BharatNet Phase-II Project in the State of Andhra Pradesh.



As part of this project, we must laying underground optical Fiber Cable (OFC) through HDPE Road Crossing NH 16 KM. 1195/280, 1197/645, 1206/270, 1217/520, 1220/140, 1223/795, 1224/950, 1226/480, 1229/620, 1230/850, 1258/535, 1269/940, 1283/800 and 1288/700 for a total route length of crossing 881 meters (Across the road) in Martur, Janakavaram Panguluru, Korisapadu, Medarametla, Darsi, Maddi-padu, Tangutur, Singarayakonda and Ulavapadu in Prakasham District of Andhra Pradesh the Jurisdiction of NHAI, PIU, Nellore.

The HDPE ducts of 40mm dia (50mm OD) x 2 ducts will be laid at the extreme possible edge of RoW at a depth of 1.65 mtrs., using various methods like Open Trenching, Horizontal Directional Drilling (HDD), Clamping and other suitable method as required on the ground to construct a Fiber Optic backbone link.

The Trenching & restoration work shall be carried out in accordance with cited MORTH guidelines with utmost care.

As per point no. 5 & 6 of MORTH guidelines cited above, we shall submit License Fee and a Performance Bank Guarantee for an amount based on per route meter, in the prescribed format with a validity of 1 year (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc..

Further, as per MORTH guidelines cited above, we have enclosed herewith all the required documentation like Strip plans, Undertakings, Certificates, Indemnity Bonds and other documents as per the check list for your kind perusal.

As you may appreciate this project shall be completed on top priority in the larger interest of all the stake holders, request you to kindly accord us the RoW permission at the earliest. Please do let us know for any further information/clarifications.

Thanking you,

Yours Sincerely,

For ANDHRA PRADESH STATE FIBERNET LIMITED

S. H. Hal
Authorized Signatory



Enclosures: As per Index Sheet.

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5	Undertaking for payment of License Fees/Lease Rentals
6	Undertaking as per Sl. No. 5 of Check List
7	Certificate as per Sl. No. 5.12 of Check List
8	Methodology of Laying OFC
9	Traffic Management Plan
10	Strip Plan/Drawings
11	Typical Cross Section of OFC ducts (Open Trench Method)
12	Typical Cross Section of Road Crossing through HDD Method (Horizontal Directional Drilling)
13	IP-1 Registration Certificate issued by Department of Telecommunications, Govt
14	Certificate of Incorporation
15	Power of Attorney
16	MoRTH GUIDELINES RW/NH-33044/29/SR(R) Dt. 22.11.2016

S. a. Thal



APSFL/BBNL/ROW/OFC/BBNL/CHILAKALURIPET-NELLORE/NHAI-NELLORE/2022/0002

To,

The Project Director,
National Highway Authority of India,
Project Implementation Unit,
Bypass road junction with old GNT road,
Driver's Colony,
Buja Buja Nellore Rural,
Andhra Pradesh 524004.

Date: 23.01.2022

Received on 23.1.22	
No. By hand-290	
PD	
MGR/ Dy. MGR	
LAO 123	
PA/Accts	
SE 12345	

SUB:

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Sd/- The

