



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क्र.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्र प्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org
nhairovja@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/C-V/2017-18/460

Date : 25-02-2019

To

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

Sub: 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Bharti Airtel Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 1102/840 to Km.1104/840 along Chilakaluripet - Vijayawada section of NH-16 for a length of 2000mts at Tadepalli Village & Mandal, Guntur District, Andhra Pradesh - Public comments - Reg.

Sir,

Please find enclosed herewith a proposal of M/s. Bharti Airtel Ltd., seeking NOC for laying of Optical Fiber Cable from Km. 1102/840 to Km.1104/840 for a length of 2000mts along Chilakaluripet - Vijayawada section of NH-16 at Tadepalli Village & Mandal, Guntur District, Andhra Pradesh.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendation of PD, PIU - Amaravathi 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,

Encl: As above

(Anil Dixit), 25/2/19.

Regional Officer
RO - Vijayawada

Copy to: 1) PD, PIU - Amaravathi - for information
2) M/s. Bharti Airtel Ltd., - for information



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्र प्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क्र.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८.आंध्रप्रदेश

Plot No.21, Teacher's Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

टेली / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org
nhairovja@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Ref : NHAI/RO-VJA/C-V/2017-18/461

Date : 25-02-2019

INVITATION OF PUBLIC COMMENTS


Sub: 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Bharti Airtel Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 1102/840 to Km.1104/840 along Chilakaluripet - Vijayawada section of NH-16 for a length of 2000mts at Tadepalli Village & Mandal, Guntur District, Andhra Pradesh - Public comments - Reg.

The Project Director, PIU - Amaravathi submitted a proposal of M/s. Bharti Airtel Ltd., seeking NOC for laying of Optical Fiber Cable from Km. 1102/840 to Km.1104/840 along Chilakaluripet - Vijayawada section of NH-16 for a length of 2000mts at Tadepalli Village & Mandal, Guntur District, 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,
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,
Vijayawada, Andhra Pradesh. Pin: 520 008.
Email: rovijayawada@nhai.org


(Anil Dixit),
Regional Officer



National Highways Authority of India

Project Implementation Unit, Amaravati, AP

Door No. 136/A, 106 & 107, 1st Floor, Vasantha Residency,
Sri Lakshmi Narasimha Colony, MANGALAGIRI - 522 503.
Guntur District, Andhra Pradesh

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

परियोजना कार्यान्वयन ईकाई, अमरावती, आंध्र प्रदेश

टेली / Tele : 08645 - 234599
ई-मेल / E-mail : piuamaravati@nhai.org
nhaipiuamaravati@gmail.com



भारतमाला
प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1 / 127

13th February, 2019

To
The Regional Officer,
National Highways Authority of India,
21, Teachers' Colony,
Gurunanak Nagar Road,
Vijayawada - 520 008.



DGM-(T)/TSK/NHK:-

MGR-(T)/YM/ALS:-

Sir,

Sub: NHAI, PIU-Amaravati - 6 laning of Chilakaluripet - Vijayawada section of NH-16 - M/s. Bharti Airtel Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km. 1102/840 to Km. 1104/840 along Chilakaluripet - Vijayawada section of NH-16 for a length of 2000mts at Tadepalli Village & Mandal, Guntur District, Andhra Pradesh - Reg.

It is to inform that M/s Bharti Airtel Ltd., letter no. NH-5/OFC/Tadepalli dated 31.09.2018 requested permission for laying of Optical Fibre Cable from Km. 1102/840 to Km. 1104/840 for a length of 2000mts along Chilakaluripet - Vijayawada section of NH-16 at Tadepalli Village & Mandal, Guntur District, Andhra Pradesh.

PIU, vide letter no. NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1/891 dated 23.10.2018 forwarded the proposal to IE, M/s Aarvee Associates with a request to examine the proposal as per MoRTH guidelines and furnish necessary comments/ recommendations for taking further action.

Accordingly, IE, M/s Aarvee Associates vide letter no. AA/OM/1956/VJA/NHAI/18-19/820 dated 02.11.2018 communicated certain observations in the proposal submitted by M/s. Bharti Airtel Ltd., The same were communicated to the applicant vide PIU letter dated 06.11.2018 and requested to resubmit the proposal duly incorporating the observations communicated for taking further action.

Accordingly, the applicant vide letter no. NH-5/OFC/Tadepalli/02 dated 21.12.2018 resubmitted the proposal. The same was forwarded to IE vide PIU letter even no. 60 dated 22.01.2019 with a request to examine the proposal as per site conditions with reference to MoRT&H guidelines.

Now, IE vide letter no. AA/OM/1956/VJA/NHAI/18-19/910 dated 06.02.2012 submitted as follows:

1. The applicant has submitted:

(i). Checklist - PD not signed every page (1)

Contd..2

2 observations

V. J. Jha

#2#

- (ii). Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter.
 - (iii). Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list)
 - (iv). Undertaking for no damages in carrying out works
 - (v). Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts Plan showing proposed pipeline crossing.
 - (vi). Indemnity Bond.
 - (vii). Undertaking to carryout HDD works
 - (viii). License Fee estimate for laying optical Fiber cable on NH-16 with supporting docs. *License Fee may be calculated by considering dia of casing pipe.*
2. As per the plan submitted, 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 and will be straight along highway from Km.1102/840 to Km.1104/840 on RHS. (2)
3. Applicant submitted the typical cross sections of Optical Fiber Cable along and across the highway for HDD with methodology.

While submitting the above IE recommended the proposal, requesting for approval of Competent Authority for laying OF cable as requested by the applicant.

In light of the above, the proposal along with the copies of all the above mentioned documents are herewith submitted with a request to communicate the approval of the Competent Authority for laying OF Cable from Km. 1102/840 to Km.1104/840 for a length of 2000mts along Chilakaluripet - Vijayawada section of NH-16.

Encl: As above.

Yours faithfully,



(Dr. T. SRINIVAS)
Project Director
PIU-Amaravati(AP)

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Optical Fibre Cable and confirms all the standard conditions satisfied issued 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. It will be ensured that supervision of the work of laying of utility and ensured that the defects in road portion after laying of utility are corrected.
4. It will be notified/forfeit the Bank Guarantee for claims for damages done/ disruption in working, if any.
5. It will be ensured that proposed permission is entered in the register of records.
6. The record of previous proposal, if any, has been considered a copy of the same is herewith enclosed with the approval.


Project Director
NHAI, PIU-Amaravati(AP)

Records of Right of Way permission granted for laying OFC

1. Name of the State : Andhra Pradesh
2. Name of the Agency : NHAI
3. Name of PIU : Amaravati (AP)
4. NH Number : 16 (Chilakaluri - Vijayawada)

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
1	Km.399.690 to Km.400.690 - 1000m	RHS	Chilakaluri - Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
2	from Km.1104 to Km.1114 - 10900m	LHS	Chilakaluri - Vijayawada Section of NH-16	OFC	PICG, Air Force (Defense)	No	
3	Km.418.030 to Km.418.420 - 390m	RHS	Chilakaluri - Vijayawada Section of NH-16	OFC	Idea Cellular	No	
4	Km.411.860 to Km.414.158 - 2371m	LHS & RHS	Chilakaluri - Vijayawada Section of NH-16	OFC	Bharati Airtel Limited	No	
5	Km.1100.000 to Km.1103.400 - 3500m	RHS & Crossings	Chilakaluri - Vijayawada Section of NH-16	OFC	Idea Cellular Ltd.	No	
6	Km.1138.200 to Km.1175.200, Km.1177.400 to Km.1182.803 and 2 crossing at Km.1138.200 & 1165.100 - 42642m	RHS & Crossings	Chilakaluri - Vijayawada Section of NH-16	OFC	Reliance Jio	No	
7	Km.411.840 to Km.412.810 - 970m	LHS, RHS & Crossings	Chilakaluri - Vijayawada Section of NH-16	OFC	Reliance Jio	No	
8	Km.360.450 to Km.363.740, 360.700 to Km.362.180 and crossings at 360.700, 362.180, 363.020, 36.480 - 5040m	LHS & RHS, Crossings	Chilakaluri - Vijayawada Section of NH-16	OFC	Reliance Jio	No	
9	Km.1114.000 to Km.1126.200 - 12200m	RHS	Chilakaluri - Vijayawada Section of NH-16	OFC	Reliance Jio	No	
10	Km.397.200 to Km.355.000 for a total length of 42200m	RHS	Chilakaluri - Vijayawada Section of NH-16	OFC	Reliance Jio	No	

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
11	Km.432.845 to Km.437.300 and Km.424/400 to Km.428/100 - 8'155 m	LHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
12	Km.1138.200 to Km.1139.200 - 1000m	RHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	L&T	No	
13	Km.360.450 to Km.363.740 and from Km.360.700 to Km.362.180 -5040m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
14	Km.399.730 to Km.400.665 and from Km.428.100 to Km.428.300 - 1135m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
15	Km.411.900 to Km.424.600 for a total length of 12700m	LHS	Chilakaluripet-Vijayawada Section of NH-16	OFC	Reliance Jio	No	
16	Proposal for auguring at Km.435 New Phone connection to the Director of Sugar & Cane Commission	Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	BSNL, Guntur	No	
17	Km.395/400 to Km.364/175 - & across at 25 locations (Km.365/000, Km.366/500, Km.366/250, Km.367/300, Km.368/550, Km.369/850, Km.370/750, Km.373/900, Km.373/200, Km.376/00, Km.379/700, Km.379/3400, Km.380/230, Km.383/000, Km.383/960, Km.385/070, Km.387/520, Km.389/000, Km.389/500, Km.391/500, Km.393/650, Km.393/200, Km.394/500, Km.395/365, Km.395/400) on NH-16 (Old NH-5)	RHS & Crossings	Chilakaluripet-Vijayawada Section of NH-16	OFC	BSNL, Guntur	No	

Sl. No.	Location (Chainage in Km)	Left or Right side of NH (towards increasing chainage/ Km direction)	Section and reach	Kind of service	Name of licensee and contact address	Any deviation from MOST standard norms	Remarks
18	Km.424+550 to Km.425+170, Km.425+170 to Km.426+750, Km.426+750 to Km.426+400 for a length of 2750m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Tata communications Ltd.,	No	
19	Km. 361/930 to Km.363/400 and Km.364/580 to Km.364/620 for a length of 1510m	LHS & RHS, Crossing	Chilakaluripet-Vijayawada Section of NH-16	OFC	Vodafone Mobile Services Ltd.,	No	



Project Director
NHAI, PIU-Amaravati(AP)

Independent Engineer during O&M period for 6-Laning
of Chilakaluripet - Vijayawada section of NH-5 in the
State of Andhra Pradesh on DBFOT pattern

Letter No. AA/OM/1956/VJA/NHAI/18-19/910

Date: 06th February 2019

To

The Project Director,

National Highways Authority of India,
PIU-Amaravati, Dr.No. 136/A, 106&107,
Lakshmi Narashima Colony, Vasantha Residency,
Mangalagiri, Guntur District, A.P 522503

National Highways Authority of India	
Dy No:.....	293
Date:.....	07-02-2019
Q/o. THE PROJECT DIRECTOR PIU, AMARAVATI, A.P	

dm
28

Project: Operation & Maintenance of "6-laning of Chilakaluripet-Vijayawada section of NH-5 (New No. NH-16) from Km. 355+000 to Km. 434+150.

Sub: M/s Bharati Airtel Ltd., - Permission for laying Optical Fibre Cable (OFC) from Km.1102/840 to Km.1104/840 along Chilakaluripet – Vijayawada section of NH-16 for a length of 2000mts at Tadepalli Village & mandal , Guntur district, Andhra Pradesh - Resubmission - Reg.

Ref: 1. Lr.No. NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1/60 dated 22.01.2019 of PIU, Amaravati.
2. T/o Lr.No. AA/OM/1956/VJA/NHAI/17-18/574 dated 20.02.2018.
3. Lr.No. NHAI/PIU-Amaravati/11013/13(OFC)/2016/Vol.1/891 dated 23.10.2018 of PIU, Amaravati.
4. M/s Bharati Airtel Ltd., Lr. No. NH-5/OFC/Tadepalli, dated 31.09.2018.

Sir,

With reference to the letters cited above regarding laying of OFC cable from Km. 1102/840 (Km. 435+160) to Km.1104/840 (Km. 433+160) along the Highway in Tadepalli village, IE verified and communicated certain observations and requested the applicant to resubmit the proposals. Accordingly Applicant complied and resubmitted the proposals for laying OFC cable at the subject location.

Further, IE inspected the site and reviewed the resubmitted proposals in detail as per Ministry guidelines vide F. No. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 and the observations are here under:

1. The applicant has submitted:

- I. Check list
- II. Undertaking for submission of Performance Bank Guarantee @ Rs.100/- per route meter.
- III. Undertaking for Shifting / Relocation of O.F. Cable (as per Sl.No.5 of Check list).
- IV. Undertaking for no damages in carrying out works.
- V. Draft license agreement regarding granting of ROW permission for laying telecom cable / O.F. Cable / ducts.
- VI. Indemnity Bond.
- VII. Undertaking to carryout HDD works.
- VIII. License Fee estimate for laying optical Fiber cable on NH-16 with supporting docs.
- IX. Google map.
2. As per the plan submitted, 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 and will be keep it straight along highway from Km.1102/840 to Km.1104/840 on RHS

Contd.....2.....

Regional Office: H.No. 57-6-14/1, Susha Building, Old Post Office Road, Pantakalava Road, Patamata, Vijayawada - 520 010
Tel: +91-8688845200; e-mail: OM1956vijayawada@aarvee.net

Head Office : Ravula Residency, Srinagar Colony Main Rd., Hyderabad - 500 082, India. CIN: U74200TG2005PTC045491
Tel: +91-40-23737633; Fax: +91-40-23736277; e-mail: aarvee@aarvee.net; web: www.aarvee.com

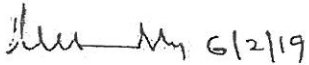
:: 2 ::

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

In view of the above we found the proposal submitted by M/s Bharati Airtel Ltd for laying of O.F. Cables is in order. Hence, competent Authority may take a suitable decision to accord permission to lay O.F. Cables as requested by the applicant.

Thanking you,

Yours faithfully,

 6/2/19

(M. PITCHI REDDY)

Team Leader

Chilakaluripet – Vijayawada O&M Project

CC to: 1. Mr. Ravi Kiran – Chief of Operation & Maintenance, VTPL, Kaza
2. Mr. K.Srinivasa Rao – Project Head, M/s. Aarvee Associates, HO, Hyderabad

circle office:
bharti airtel pvt ltd,
d.no:-1-8-364, 437,438,445, splendid towers,
opp: begumpet police station,
huda road, begumpet,
hyderabad - 500016



Ref: NH-5/OFC/Tadepalli/02

Date: 21/12/2018

To
The Project Director,
National Highways Authority of India,
PIU-Amaravati, Dr. No.136/A, 106 & 107,
First Floor, Vasantha Residency, Sri Lakhmi Narasimha Residency,
Mangalagiri-522 503, A.P.,

National Highways Authority of India	
Dy No:	164
Date:	29.01.2019
O/o. THE PROJECT DIRECTOR PIU, AMARAVATI, A.P	

Dear Sir,

Sub: ROW permission for laying of Optical fiber cable by from Km 1102/840 to Km 1104/840 of NH-16 (Old NH-5) on Kolkata-Chennai section for a total length of 2000.0m at Tadepalli Village & Mandal, Guntur District in the state of Andhra Pradesh - Re-submission- Reg.

Ref : Yours Lr.No. NHA/PIU-Amaravati/11013/13 (OFC)/2016/Vol.1/940 on Date 06.11.2018

With reference to the letter cited above, we are herewith re-submitting the modified drawings & documents duly complying the observations with para-wise reply as mentioned below for ROW permission for laying of Optical fiber cable by from Km 1102/840 to Km 1104/840 of NH-16 (Old NH-5) on Kolkata-Chennai section for a total length of 2000.0m at Tadepalli Village & Mandal, Guntur District in the state of Andhra Pradesh.

1. The proposed laying of OFC cable for public utility purpose only. Hence the license fee 33% of fee prescribed fee is applicable as per latest Ministry of Road Transport & Highways letter No RW/NH-33044/29/2015 S&R (R) dated 22.11.16.
2. We enclosed the revised calculation for Performance of Bank Guarantee.
3. We enclosed revised strip plan showing the correct ROW details .

We request you to kindly grant "ROW PERMISSION" for laying of OFC and return us one copy of drawing duly sealed and signed as a token of your permission.

Thanking you,

Yours truly,

For Bharati Airtel Limited.

Authorised Signatory
Enclosure: As above

Bharti Airtel Limited



**OPTICAL FIBER CABLE
ROUTE PROPOSAL**

SECTION

KOLKATA-CHENNAI SECTION
FROM Km 1102/840 TO 1104/840 OF NH-16(OLD NH-5)
OF TOTAL LENGTH 2000Mtr.

The Project Director
National Highways Authority of India
PIU-AMARAVATI



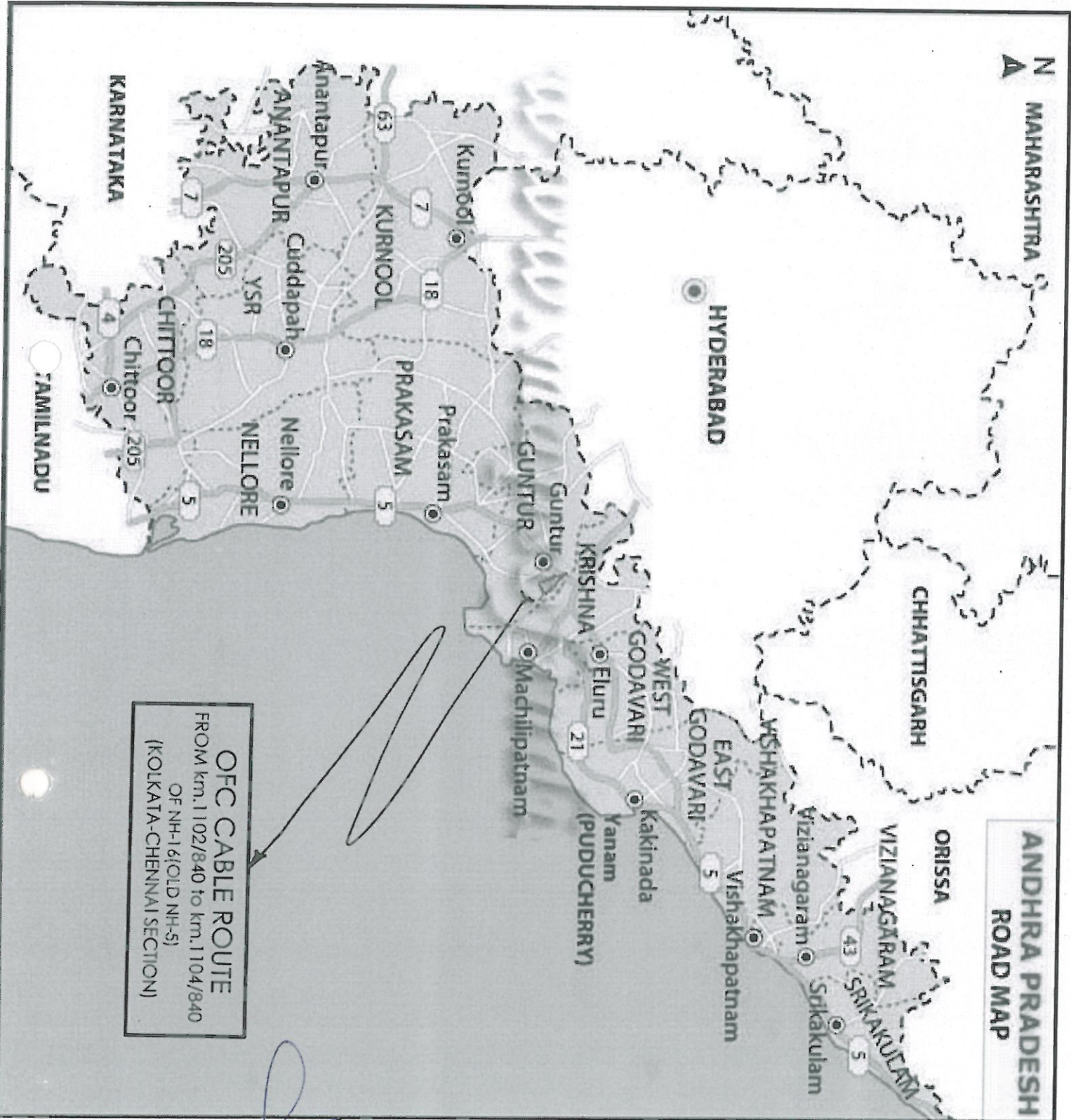
SUMMARY

Sl.No.	Particulars
1	Forwarding Copy
2	Route strip line diagram, Location map & Sectional Drawings
3	Specification report
4	Registration & Stamps Dept's valuation certificate (Govt. of Telangana.)
3	Check list
4	Draft agreement regarding granting of right of way permissions For laying telecom cables / ducts
5	Indemnity Bond
6	Undertaking relocate cable lines
7	Undertakings
8	Undertaking Land & Traffic
9	Undertaking Verbatium
10	Undertaking Performance Bank Gurantee
11	Annexure – III
12	Affidavit & Undertaking
13	Agreement fee Rs.1/- DD
14	Power of Attorney
15	Methodology of OFC laying (Open trenching)
16	Methodology of OFC laying (HDD)
17	Methodology of OFC Laying (Bridges and ROB)



N
MAHARASHTRA

**ANDHRA PRADESH
ROAD MAP**



SHEET No :01

PROPOSED OFC CABLE ROUTE
FROM Km 1102/840 to 1104/840 OF
NH-16(OLD NH5) ON
("KOLKATA-CHENNAI" SECTION)
ON RHS



TO CHENNAI

3.50M WIDE B.TROAD CH:1103/050

Km1103/000

40.00

40.00

RCC PUP
@Km 1102/765

PROPOSED
OFC LINE



OFC STARTING POINT
@Km 1102/840

Km1102/800

40.00

60.00

3.50M WIDE B.TROAD CH:1102/650

Km1102/600

40.00

60.00

Km1102/400

40.00

30.00

Km1102/200

40.00

30.00

Km1102/000

40.00

30.00

2.00 12.25 4.50 12.25 2.00

BERM

MCW

C-NH-16

MCW

BERM

TO VIJAYAWADA

V. J. Veda
Project Director,
NHAI, PIU, AMARAVATI



LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	□

SCALE:-

ALONG-1:2500

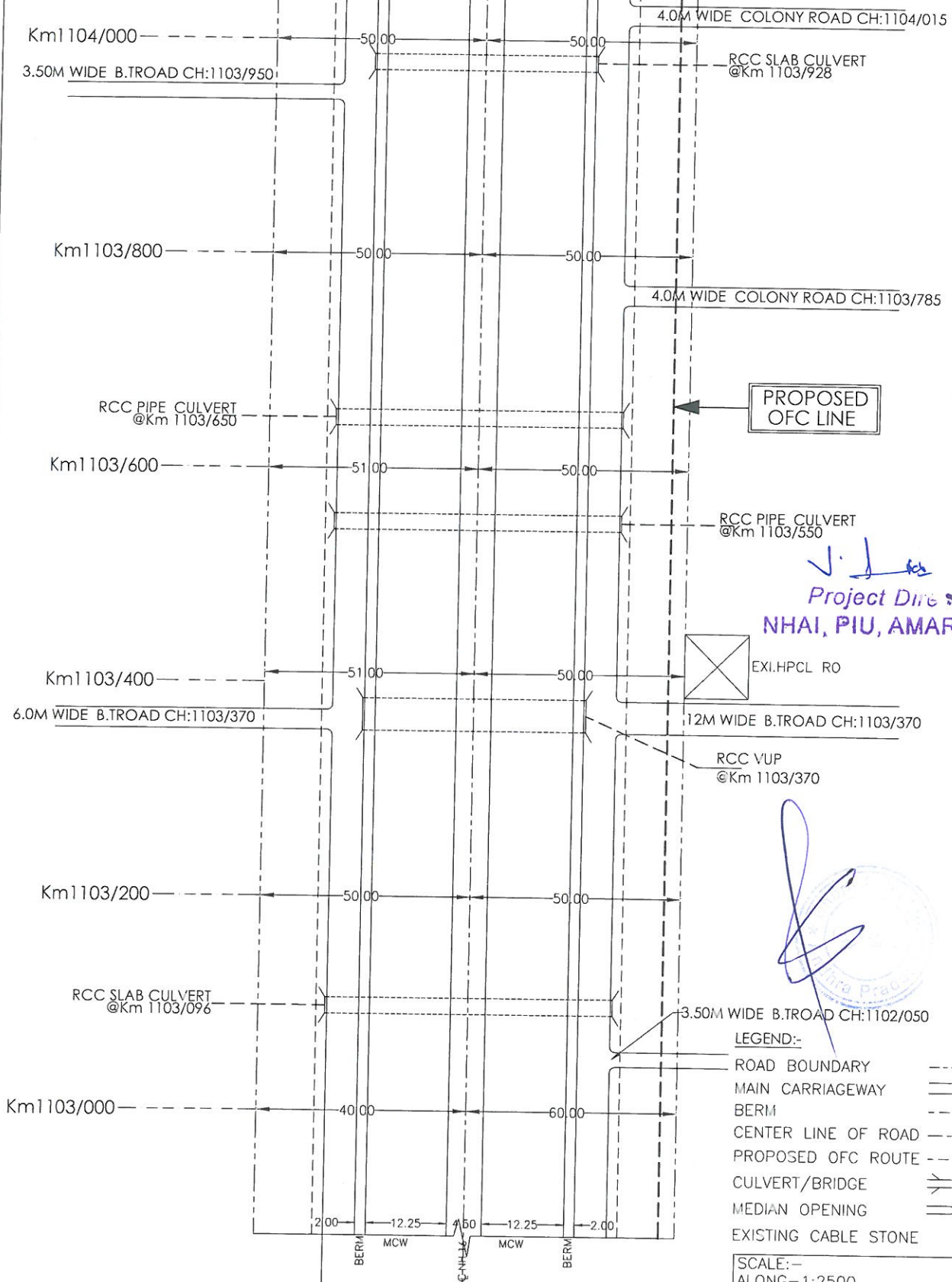
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED OFC CABLE ROUTE
FROM Km 1102/840 to 1104/840 OF
NH-16(OLD NH5) ON
("KOLKATA-CHENNAI" SECTION)
ON RHS



TO CHENNAI



PROPOSED
OFC LINE

EXI.HPCL RO

12M WIDE B.TROAD CH:1103/370

RCC VUP
@Km 1103/370

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

TO VIJAYAWADA

PROPOSED OFC CABLE ROUTE
FROM Km 1102/840 to 1104/840 OF
NH-16(OLD NH5) ON
("KOLKATA-CHENNAI" SECTION)
ON RHS



TO CHENNAI

4.0 M WIDE CC ROAD CH:1105/115

Km1105/000
(Km 433/000)PROPOSED
OFC LINEOFC STARTING POINT
@Km 1104/840PIPE CULVERT
@Km 1104/827

Km1104/800

PIPE CULVERT
@Km 1104/604

Km1104/600

PIPE CULVERT
@Km 1104/4455.0M WIDE B.TROAD CH:1104/404
Km1104/400

12M WIDE B.TROAD CH:1104/430

RCC VUP
@Km 1104/400RCC SLAB CULVERT
@Km 1103/325

3.50M WIDE B.TROAD CH:1104/250

3.50M WIDE B.TROAD CH:1104/200

Km1104/200

RCC SLAB CULVERT
@Km 1104/050Km1104/000
(Km 434/000)

3.50M WIDE B.TROAD CH:1103/950

4.0M WIDE COLONY ROAD CH:1104/100

4.0M WIDE COLONY ROAD CH:1104/015

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

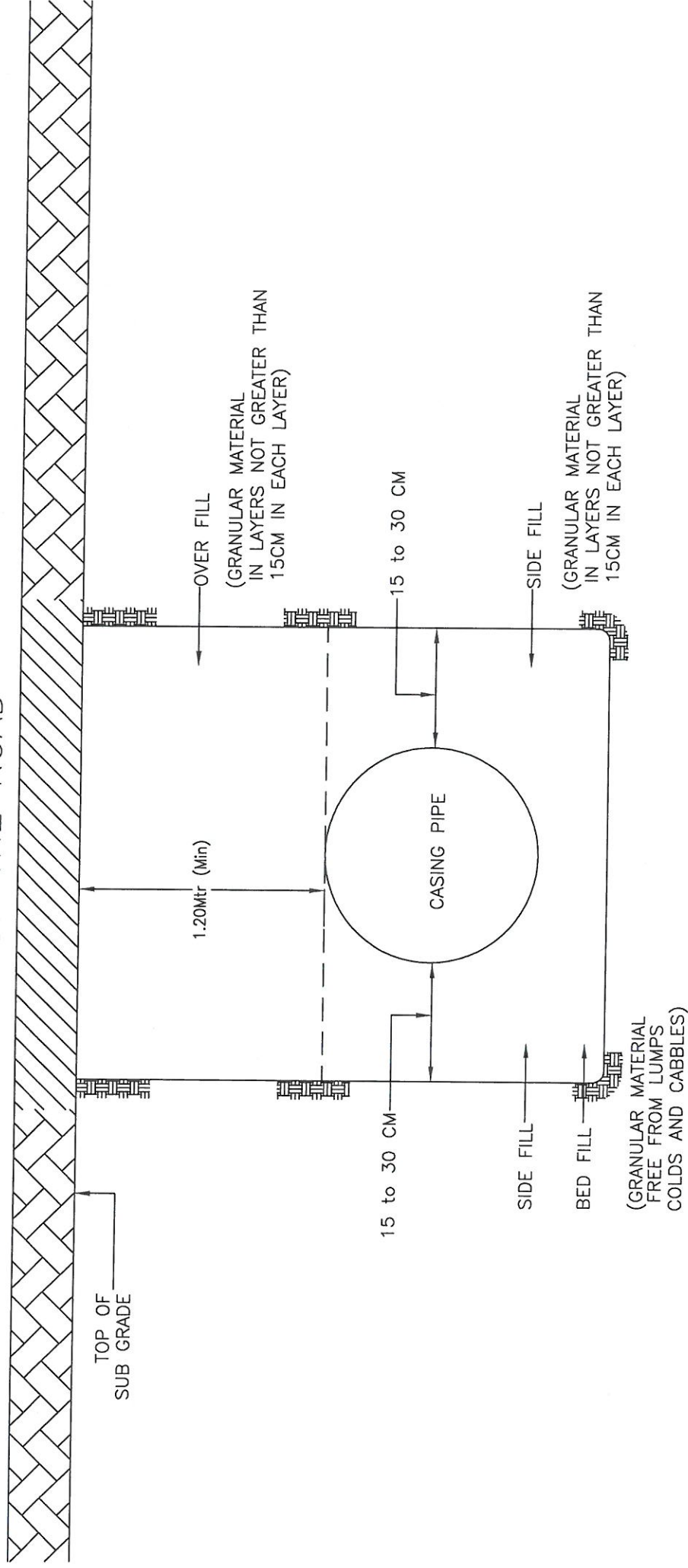
ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

TO VIJAYAWADA

TOP OF THE ROAD



INSTALLATION OF CASING PIPE FOR
CROSSING THE ROAD

A cross-sectional diagram of a trench. The trench is filled with coarse river sand. A horizontal warning tape is placed above the main pipe. At the bottom, a 100mm diameter RCC pipe is shown with two 40/32mm HDPE pipes inside it. The trench is 400.0 mm wide at the top and 300.0 mm wide at the bottom. The height of the sand layer is 750.0 mm. The bottom layer is 15mm thick. The ground level (G.L.) is indicated at the top. The width of the trench varies.

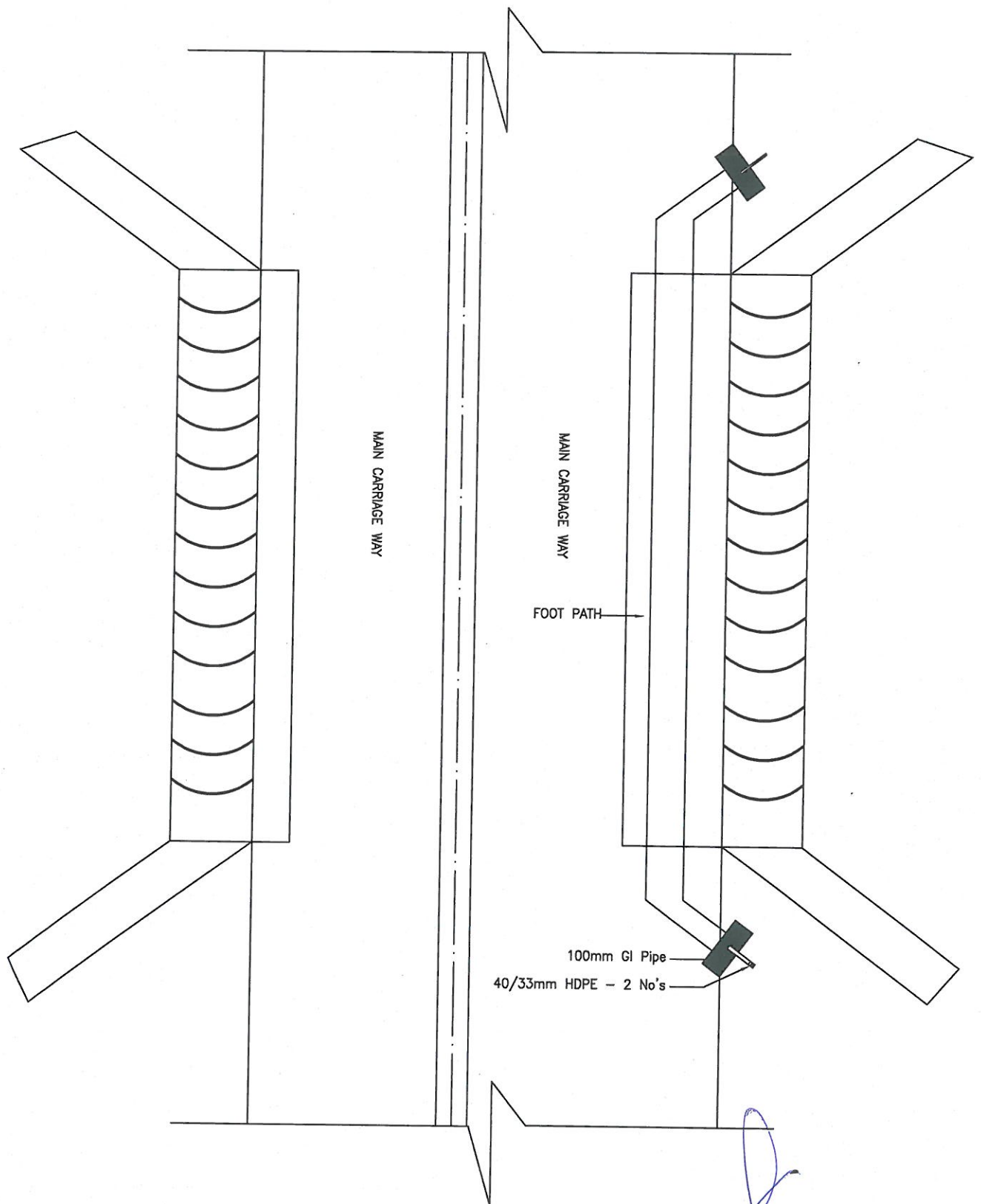
Labels and dimensions in the diagram:

- 400.0 MM (Top width)
- G.L. (Ground Level)
- COARSE RIVER SAND
- WARNING TAPE
- RCC PIPE 100mm
- 2 No's 40/32mm.HDPE PIPES
- 750.0 MM (Sand height)
- VARIES (Trench width)
- 15MM (Bottom layer thickness)
- 300.0 MM (Bottom width)



ALL DIMENSIONS ARE IN MM

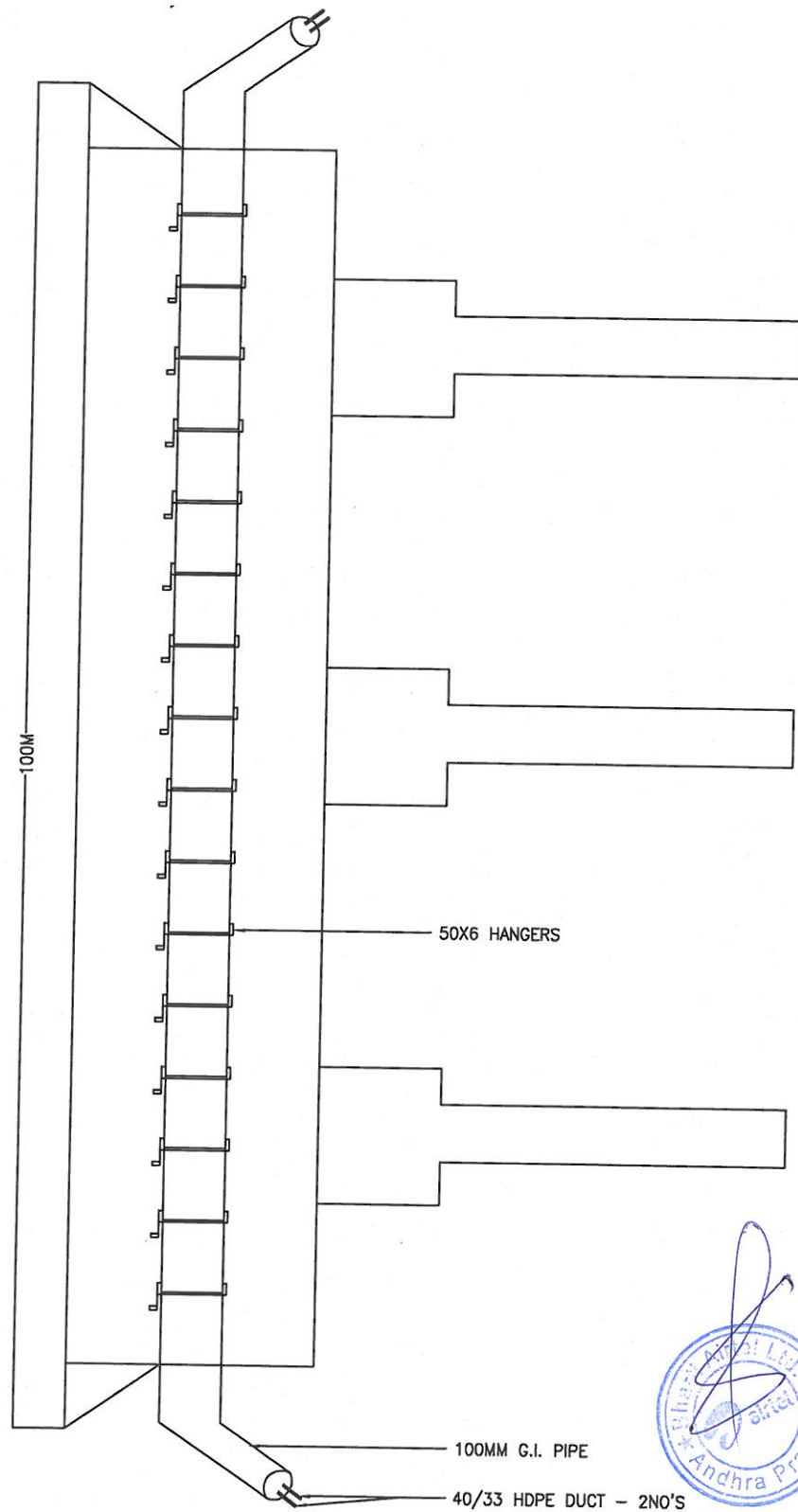
BRIDGE CROSSING WITH CLAMPING FOR OFC LINE



ALONG THE BRIDGE CABLE ROUTE PLAN

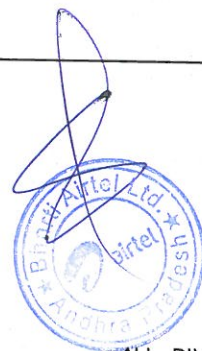
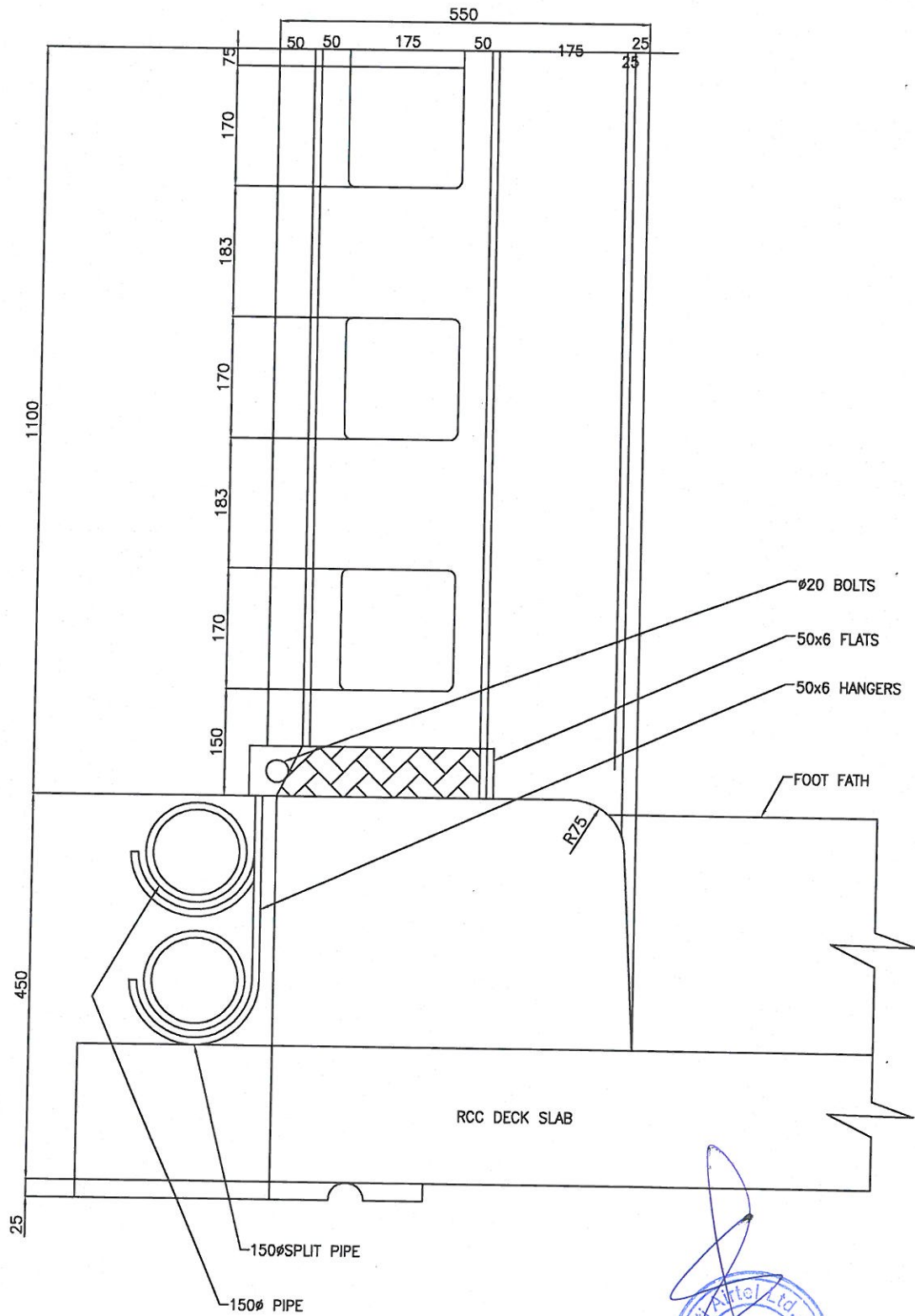


BRIDGE CROSSING WITH CLAMPING



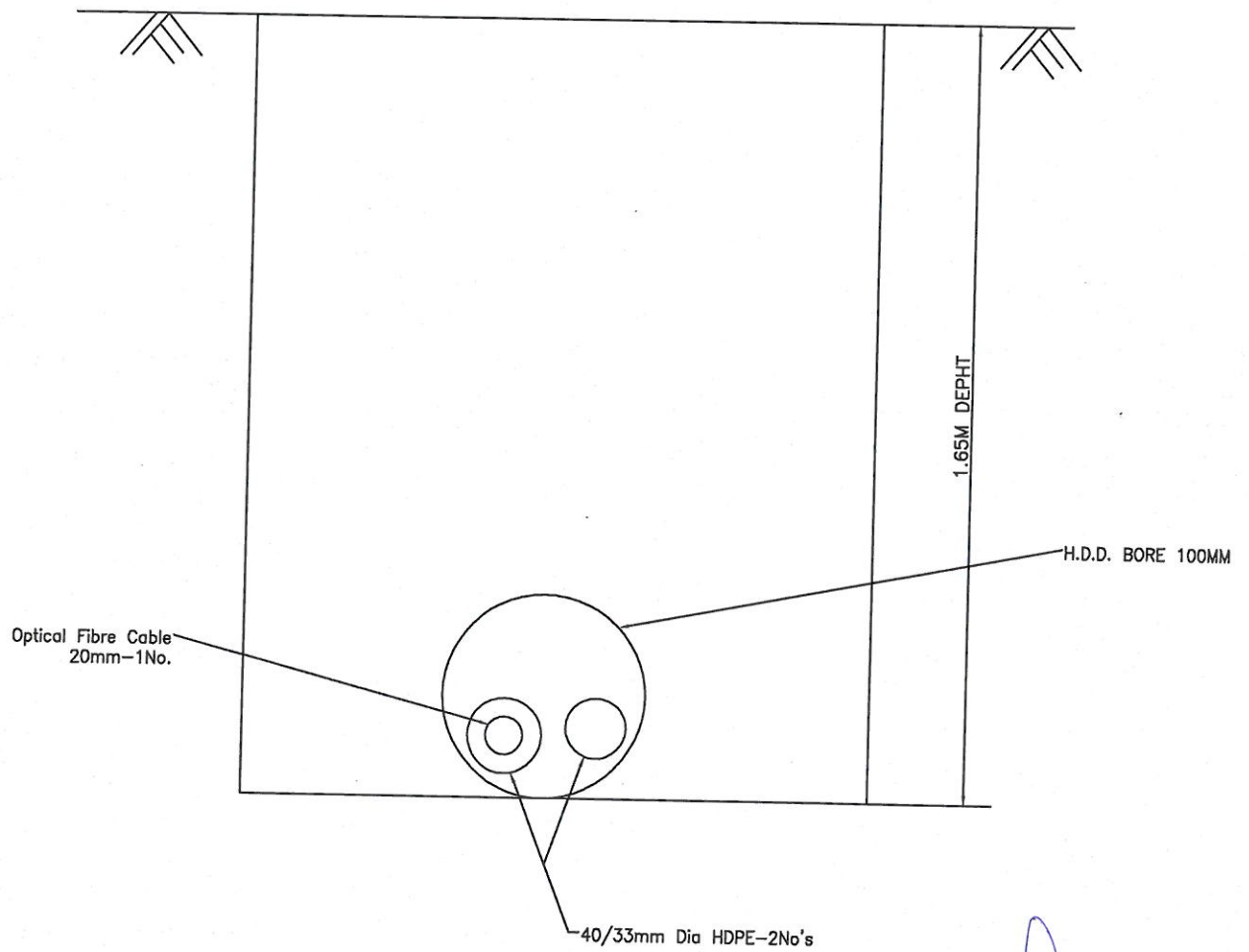
ALONG THE CANAL BRIDGE CABLE ROUTE PLAN

BRIDGE CROSSING WITH CLAMPING



ALL DIMENSIONS ARE IN MM

H.D.D. BORE

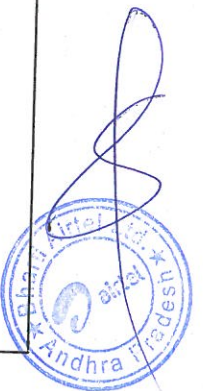
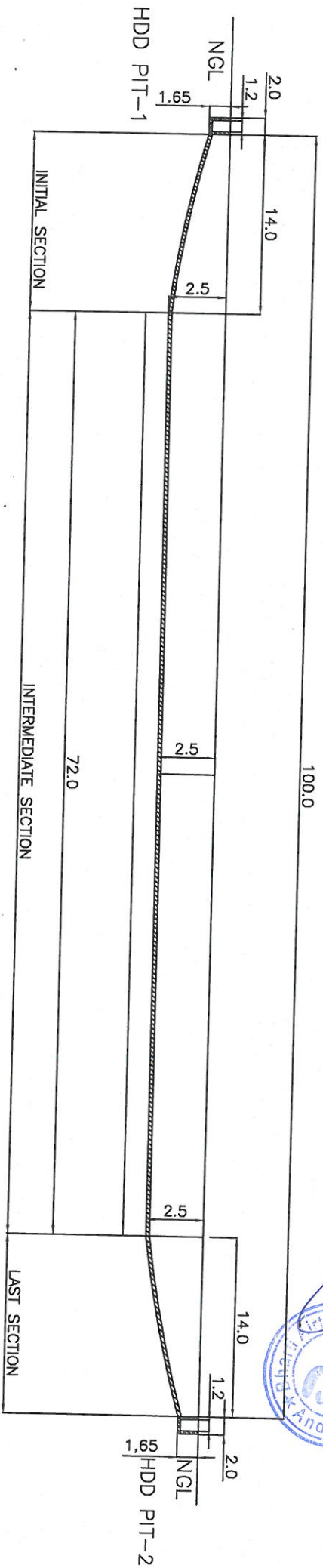


H.D.D.BORE SECTION FOR OFC CABLE ROUTE



ALL DIMENSIONS ARE IN MM

TYPICAL CROSS SECTION FOR HDD



BORE DIA 100mm

BORE DIA 100mm

BORE DIA 200mm

40mm HDPE DUCT

40mm HDPE DUCT

40mm HDPE DUCT



REGISTRATION & STAMPS DEPARTMENT

GOVERNMENT OF ANDHRA PRADESH



Minister of Revenue, Stamp & Registration
 Government of Andhra Pradesh

About Us Organization ACTS & Rules FAQs Values & Rates RTI Act Document Templates Publications

UNIT RATES - VILLAGE WISE

District Name GUNTUR Mandal Name THADEPALLE
 City/Town/Village THADEPALLE Survey No.

THADEPALLE
 Select To view Survey No. Wise Details

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	BAPANAIAH PET	Dry land	4,400,000	01/08/2018
2.	BABU JAGJEVANRAO COLON	Dry land	4,400,000	01/08/2018
3.	ARPS PUMPINGScheme CENT	Dry land	4,400,000	01/08/2018
4.	AMBEDKAR COLONY	Dry land	4,400,000	01/08/2018
5.	GANDHIO NAGAR	Dry land	4,400,000	01/08/2018
6.	DOLAS NAGAR	Dry land	4,400,000	01/08/2018
7.	CHRISTIANPET	Dry land	4,400,000	01/08/2018
8.	BRAHMANANDAPURAM	Dry land	4,400,000	01/08/2018
9.	BOGGUPET	Dry land	4,400,000	01/08/2018
10.	LAMBADI PET	Dry land	4,400,000	01/08/2018
11.	KOTHURU	Dry land	4,400,000	01/08/2018
12.	KL RAO COLONY	Dry land	4,400,000	01/08/2018

45.	NTR COLONY	House Sites	14,520,000	01/08/2018
46.	NEHRU NAGAR	House Sites	14,520,000	01/08/2018
47.	MYSORE COMPANY RAILWAY	House Sites	14,520,000	01/08/2018
48.	MUGGURROAD	House Sites	14,520,000	01/08/2018
49.	MAHANADU	House Sites	14,520,000	01/08/2018
50.	LURDHU NAGAR	House Sites	14,520,000	01/08/2018
51.	LENIN COLONY	House Sites	14,520,000	01/08/2018
52.	LAMBADIPET	House Sites	14,520,000	01/08/2018
53.	KOTHURU	House Sites	14,520,000	01/08/2018
54.	KL RAO COLONY	House Sites	14,520,000	01/08/2018
55.	KATTHULAPET	House Sites	14,520,000	01/08/2018
56.	K.C.WORKS COLONY	House Sites	14,520,000	01/08/2018
57.	GORA COLONY	House Sites	14,520,000	01/08/2018
58.	GANDHIO NAGAR	House Sites	14,520,000	01/08/2018
59.	DOLAS NAGAR	House Sites	14,520,000	01/08/2018
60.	CHRISTIANPET	House Sites	14,520,000	01/08/2018
61.	BRAHMANANDAPURAM	House Sites	14,520,000	01/08/2018
62.	BOGGUPET	House Sites	14,520,000	01/08/2018
63.	BAPANAIAH PET	House Sites	14,520,000	01/08/2018
64.	BABU JAGJEEVANRAO COLON	House Sites	14,520,000	01/08/2018
65.	ARPS PUMPINGScheme CENT	House Sites	14,520,000	01/08/2018
66.	AMBEDKAR COLONY	House Sites	14,520,000	01/08/2018
67.	AMARAREDDY NAGAR	House Sites	14,520,000	01/08/2018
68.	TADEPALLI	House Sites	14,520,000	01/08/2018
69.	VADDERA COLONY	House Sites	14,520,000	01/08/2018
70.	SUNDARAIAH NAGAR	House Sites	14,520,000	01/08/2018
71.	VADDERA COLONY	House Sites	14,520,000	01/08/2018
72.	SUNDARAIAH NAGAR	House Sites	14,520,000	01/08/2018
73.	SANTHINAGAR	House Sites	14,520,000	01/08/2018
74.	SANJEEVANAGAR	House Sites	14,520,000	01/08/2018
75.	S.T.COLONY	House Sites	14,520,000	01/08/2018
76.	ROOM)	House Sites	14,520,000	01/08/2018



109.	PRESS WORKERS COLONY	Agricultural Land fit for H.S.	4,840,000	01/08/2018
110.	PRAKASH NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
111.	PRABU NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
112.	POLAKAMPADU	Agricultural Land fit for H.S.	4,840,000	01/08/2018
113.	AMARAREDDY NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
114.	BAPANAIAH PET	Agricultural Land fit for H.S.	4,840,000	01/08/2018
115.	BABU JAGJEEVANRAO COLON	Agricultural Land fit for H.S.	4,840,000	01/08/2018
116.	ARPS PUMPINGScheme CENT	Agricultural Land fit for H.S.	4,840,000	01/08/2018
117.	AMBEDKAR COLONY	Agricultural Land fit for H.S.	4,840,000	01/08/2018
118.	SUNDARAIAH NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
119.	VADDERA COLONY	Agricultural Land fit for H.S.	4,840,000	01/08/2018
120.	SANTHINAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
121.	NTR COLONY	Agricultural Land fit for H.S.	4,840,000	01/08/2018
122.	SANJEEVANAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
123.	TADAPALLI	Agricultural Land fit for H.S.	4,840,000	01/08/2018
124.	SEETHANAGARAM	Agricultural Land fit for H.S.	4,840,000	01/08/2018
125.	PAKISTAN	Agricultural Land fit for H.S.	4,840,000	01/08/2018
126.	P.V.NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
127.	NULAKAPET	Agricultural Land fit for H.S.	4,840,000	01/08/2018
128.	NEHRU NAGAR	Agricultural Land fit for H.S.	4,840,000	01/08/2018
129.	LAMBADI PET	Agricultural Land fit for H.S.	4,840,000	01/08/2018
130.	KATTHULAPET	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
131.	K.C.WORKS COLONY	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
132.	GANDHIO NAGAR	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
133.	DOLAS NAGAR	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
134.	SANJEEVANAGAR	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
135.	S.T.COLONY	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
136.	ROOM)	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
137.	RMS COLONY	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
138.	RAJIVNAGAR	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
139.	RAJIV NAGAR	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018
140.	QUARTERS	Land abutting NH/SH/ZPP/MPP	39,930,000	01/08/2018



Note :

1. This is provisional information as per records maintained by registration department for the purpose of helping the registering public to estimate the stamp duty only, subject to change due to revision of market value once in a year OR adhocly due to anomalies.

2. For further details contact Sub Registrar office

MANGALAGIRI,

1-8760, Near Police Station

NEAR POLICE STATION, Mangalagiri

Mangalagiri

Phone : 232013

A handwritten signature in blue ink is written over a circular official stamp. The stamp contains the text "MANGALAGIRI" and "Pragathi" in a circular arrangement around a central emblem.

CHECK – LIST


Guidelines for processing the proposal for laying optical fiber cable along National Highways vested with NHAI/PWD/BRO.

Relevant Circulars

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

Check list for getting approval for laying of over head OFC line on NH land

S.No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant/ Agency	M/s Bharti Airtel Limited, #1-8-437,438 Splendid Towers, 2nd Floor, HUDA Road, Begumpet, Hyderabad-500016	
1.2	National Highway Number	16 (Old NH-5)	
1.3	State	Andhra Pradesh	
1.4	Location	Tadepalli Village & Mandal, Guntur District, Andhra Pradesh @Km 1102/840 to 1104/840 of NH-16	
1.5	(Chainage in Km)	@Km1102/840 to 1104/840	
1.6	Length in Meters	2000.0m	
1.7	Width of available ROW		
	(a) Left side from center line to tower towards increasing chainage/Km direction	As per Sheet Attached	
	(b) Right side from center line to tower increasing chainage/Km direction	As per Sheet Attached	
1.8	Proposal to laying OFC cable		
	(a) Left side from center line towards increasing chainage/Km direction	-	
	(b) Right side from center line towards increasing chainage/Km direction	(At the edge of ROW) Yes, As per Drawings attached	
1.9	Proposal to acquire land	NA	
	(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	YES	
	If not then where to lay the cable	NA	
1.11	Details of already laid services, if any, along the proposed route	TATA,BSNL	
1.12	Number of existing lanes (2/4/6/8 lanes)	4 Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	NO	
	If yes then which side	NA	
	(a) Left side from center line		
	(b) Right side from Center line	NA	
1.15	Proposed Service road		


Project Director,
NHAI, PIU, AMARAVATI



	(a) Lift side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying OFC cable is after the service road or between the service road and main carriage way	NA	
1.17	Whether carrying of sewage/gas pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology proposed for the same	NA	
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the 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.	NO	
	a) Whether existing drainage structure allowed to carry utility pipeline.	No Such Proposals	
	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 meter.	NA (No Crossing)	
	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.	NA	
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	Will be followed	
	f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slop toe of slope in the fills.	Will be followed	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	The propsoed conduit pipe will be at a depth of 1.65 Mtr.	



	h) Mention the methodology proposed for crossing of road for the proposed OFC. Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	NA	
	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.	Will be followed	
2	Document / drawing enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m(min) deepX0.3 wide) i) Should not be greater than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway iii) shall not be permitted to run along the National highway when the road formation is situated in double cutting, Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Drawing enclosed	
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	NA	
2.3	Strip plan / Route plan showing the OFC. chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	Yes Attached as per the Drawing	
2.4	Methodology for laying of OFC	Laying methodology 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, methodology of refilling of trench.	Yes Back fill with suitable soil in each layer 150mm and compacting with hand hammer.	
	(a) The trench width should be atleast 30 cm but not more than 60cm 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 replaced by selected material	YES Will be followed	
	(c) The backfill shall be completed in two stages (i) side-fill to the level to the top of the pipe and (ii) overfill to the bottom of the road crust.	YES Will be followed	
	d) The side fill shall consist of granular material laid in 15cm 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 Will be followed	
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	YES Will be followed	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	YES Will be followed	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	NA	
2.4.2	Horizontal Directional Drilling (HDD) method.	YES	
2.4.3	Methodology for laying of OFC 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 signed by two witnesses.	YES	
3.1	The License fee estimate s per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	YES	
4	Whether Performance Bank Guarantee as Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MORTH per each crossing as demanded by NHAI/MORTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.		



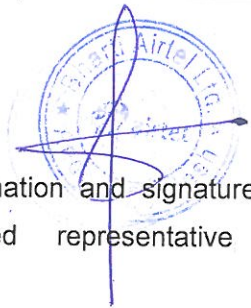
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Yes	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES,Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES,Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry Circulars and NHAI's guideline	YES,Enclosed	
5.4	Undertaking for Indemnity against all damages and claims.	YES,Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES,Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	YES,Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES,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.	YES,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 22.11.2016.	YES,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 organisation. Oil Industry Safety Directorate. State/Central Pollution Control Board and any other statutory clearance's applicable. before applying to Highway Administration.	NA	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work for improvement or	Enclosed	




	repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.		
5.12	Certificate from the applicant in the following format i) Laying of over head electrical line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	Yes, Enclosed	
6	Who will sign the agreement on behalf of Laying of OFC	Bharti Airtel Limited	
	Power of Attorney to sign the agreement is available or not	Yes	
7	The Project Director, will submit the following Certificates.		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No.NH-41 (58)/68 dated 31.01.1969, Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	PD, PIU-Amaravati	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the OFC line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, statbility & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc".	PD, PIU-Amaravati	
	(ii) for 6-lanning (a) Where feasibility is available " I do certify that there will be no hindrance to proposed six-lanning based on the feasibilityreport 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 accommodation proposed six-laning".	PD, PIU-Amaravati	
8.	If NH section proposed to be taken up by NHAI on BOT basis – s cause in	Enclosed	



	para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis] and therefore, the license shall honor the same".		
9	Who will supervise the work of laying of OFC	Bharati Airtel Limited	
	(a) On behalf of the Applicant	Bharati Airtel Limited	
	(b) On behalf of NHAI	O&M Team, NHAI, PD, Amaravati	
10	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	Bharati Airtel Limited	
	(b) On behalf of NHAI	PD, NHAI, Amaravati	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	Bharati Airtel Limited	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	Yes	
13	If any previous approval is accorded for laying of OFC then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed.	Yes	



[Name, Designation and signature of the authorised representative of applicant]


Project Director,
NHAI, PIU, AMARAVATI

[Name, Designation and signature of concerned authority of NHAI/PWD/BRO]

SPECIFICATION REPORT

Specification report to accompanying the estimate towards "License fee" for laying of O.F. Cable from Km 1102/840 to 1104/840 of NH-16 (Old NH-5) at Tadepalli Village, Tadepalle Mandal, Guntut District in the state of Andhra Pradesh by M/s Bharati Airtel Limited.

The Authorised Signatory, M/s Bharati Airtel Limited, #1-8-437,438 Splendid Towers, 2nd Floor, HUDA Road, Begumpet, Hyderabad-500016 have requested to grant permission for laying of O.F.Cable from Km 1102/840 to 1104/840 of NH-16 (Old NH-5) at Tadepalli Village, Tadepalle Mandal, Guntut District in the state of Andhra Pradesh.

The rate of land abutting NH/SH/ZPP/MPP obtained from the website of Registration and stamps department of Government of Andhra Pradesh is used for calculation of License fee. The list of villages falling in the proposed stretch of road with relevant, corresponding chainges and breakup of Village wise land rates are as follows.

S.No	Name of the Village	Chainage		Length in mtr	Rate of Land abutting NH in Rs.		
		from	to		Sq Yard	Per Acre (4840 Sq Y)	Per Sq.m
1	Tadepalle Village	1102/840	1104/840	2000	8250	3,99,30,000	9869

The land rate corresponding to the chainges is used for calculating License Fee.

LICENSE FEE CHARGES

S.No	Description	Measurements in mtrs			Quantity in Sq.m	Rate/Sq .m	Amount in Rs.
		L	B	D			
1	From Km 1102/840 to 1104/840	2000	0.1	-	200	9869	19,73,800.00
Total Amount							19,73,800.00

License Fee (Rs/Sq.m/Month) = $\frac{19,73,800}{10 \times 12}$ = Rs 16,448/Month

License Fee for 5 Years = $5 \times 12 \times 16,448$ = Rs.9,86,880.00

33% of License Fee = $\text{Rs.}9,86,880.00 \times 33\%$ = Rs 3,25,670.00

(Rupees Three Lakhs Twenty Five Thousand Six Hundred Seventy Only)

For **BHARATI AIRTEL LTD**

AUTHORISED SIGNATORY





(T.SRINIVAS)

Project Director

NHAI, PIU, Amaravati

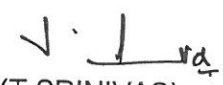
PERFORMANCE OF BANK GURANTEE

S.No	Description	Measurements in mtrs			Length in mtrs	Rate /RM	Amount in Rs
		L	B	D			
1	From Km 1102/840 to 1104/840	2000	-	-	2000	100	2,00,000
Performance of Bank Guarantee							2,00,,000

(Rupees Two Lakhs Only)

Hence the license fee estimate is prepared as per the MORTH Circular No. RW/NH/33044/29/2015/S&R (R) dated 22.11.2016.


 For BHARATI AIRTEL LTD
 AUTHORISED SIGNATORY


 (T.SRINIVAS)
 Project Director
 NHAI, PIU, Amaravati