

No. RO/VJA/Misc.24/B/OFC/NH-67/Sr.no.83 / 430

Government of India

Ministry of Road Transport & Highways

Regional Office, Vijayawada

Door no. 38-2-3/2, Gorle dalapanna Veedhi, Near American Hospital, Punnammithota
Vijayawada-520010. Tele: 0866-2970220; Fax: 0866-2571985

Dated: 12.07.2021

Invitation of Public Comments

Sub: Proposal for Permission for laying Optical Fibre cable (OFC) along NH-67 by M/s Reliance Jio Infocomm Limited from km 694/670 to km 738/530 (RHS) of NH-67 of Hubli - Krishnapatnam road for a total length of 43,860mtrs in SPSR Nellore District in the State of Andhra Pradesh - reg.

Please find enclosed herewith the proposal in accordance with Ministry's latest guidelines dated 22.11.2016 forwarded by Chief Engineer(R&B), NH & CRF, AP vide letter dated 27.05.2021 for laying Optical Fibre cable (OFC) by M/s Reliance Jio Infocomm Limited from km 694/670 to km 738/530 (RHS) of NH-67 in Hubli - Krishnapatnam road for a total length of 43,860mtrs in SPSR Nellore District in the State of Andhra Pradesh by the Horizontal Directional Drilling (HDD) method.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.16, the proposal for Highway crossing permission along National Highways shall be put out in the public domain for 30 days for seeking claims and objections on grounds of public inconvenience, safety and general public interest.

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

The Regional Officer,
Ministry of Road Transport and Highways,
Gorle Dalappana Veedhi, Near American Hospital,
Punnami Thota, Vijayawada - 520010
Email id: romorthvijayawada@gmail.com.

Encl: As above

Yours Faithfully,



(Nakul Prakash Verma)

Executive Engineer,

For Regional Officer, MoRTH, Vijayawada

Copy to:

- 1) Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Chief Engineer(R&B), NH & CRF, AP.
- 3) The M/s Reliance Jio Infocomm Limited, 40-1-72D, 5th floor, K.K. Towers, Opp: HDFC Bank, M.G. Road, Vijayawada - 520010.



GOVERNMENT OF ANDHRA PRADESH
ROADS & BUILDINGS DEPARTMENT

From

To

Sri.V.Ramachandra, M.Tech.,
Chief Engineer (R&B)
National Highways & CRF
Room No.412, 4th Floor,
State HoD Offices Building,
MG Road, Vijayawada - 520010.

The Regional Officer
D.No.38-2-3/2, Gorle Dalappana Veedhi
Near American Hospital,
Punnami Thota,
Vijayawada-520010.

Lr. No.1/ OFC/ CE(NH)/DCE(NH)/EE(NH&CRF)/DEE5/AEE/2021

27/05/2021

Sub: R&B Department - National Highways - Road Cutting permission
- Permission to lay underground Optical Fibre Cable (OFC)
along NH-67, Hubli - Krishnapatnam road from km 694/670 to
738/530 for a total length of 43,860 kms in Atmakur, Sangam,
Butchireddypalem and Kovur Mandal, SPSR Nellore District by M/s
JIO Digital Fibre Private Limited -Proposal submission- Permission for
laying OFC Cable requested -Reg.

Ref: 1.MoRTH S&R (R) Zone Lr. No. RW/ NH-33044/29/2015/ S&R(R), dt:
22.11.2016

2. SE/NH/VJA Lr No. Road cutting/NH67/km 694 to 738/T.O/2021
Dt:16.04.2021

The SE(R&B), NH, Anantapur in the reference 2nd cited has submitted the proposal of M/s JIO Digital Fibre Private Limited, Vijayawada for "laying underground Optical Fibre Cable (OFC) along NH-67, Hubli - Krishnapatnam road from km 694/670 to 738/530 for a total length of 43,860 kms in Atmakur, Sangam, Butchireddypalem and Kovur Mandal, SPSR Nellore District" as per Ministry's New Policy Guidelines dt.22.11.2016 with the following details/particulars are here with submitted for according approval.

1. The total length of laying of proposed OFC cable to be laid is 43,860 meters along the road NH-67 from km 694/670 to 738/530.
2. Trenching & laying of 33 mm dia (40 mm OD) pipeline at a depth of 1.65 m from the existing ground level and the width of trench is 0.45 m along the proposed route.

3. The pipeline is proposed to be laid and maintained at a distance from 14 m from the centre line of the road.
4. The ROW of the road varies from 22 m to 40m for this stretch.
5. For Licence fee calculations, rate of Rs.69.19/- per Sqm in Vasili, Rs.494.21/- per Sqm in Sangam and Duvvuru, Rs.518.92/- per Sqm in Damaramadugu and Rs.444.79/- per Sqm in Pothireddypalem has been taken towards Land rates.
6. The licence fee to an amount of Rs.2,11,652/- was paid through Bharatkosh.gov.in with Transaction Reference No:1101210003439 dated 11-01-2021.
7. B.G (considering Rs.100/- per meter) towards security deposit for an amount BG towards Rs.43,86,000/- vide BG.No. LOBG401012004817 dt.15-12-2020 in favour of EE(R&B), NH Division, Kadapa and the BG Valid through 14-12-2021.

Hence, the above proposal is forwarded for according approval for laying OFC cables as per the conditions laid down in Ministry's Guide lines dt:22.11.2016.

Encl: Book let-1 No

Yours sincerely,

RAMACHANDRA V, CE(RV), CHIEF ENGINEER-NH&CRF-TRB02
Ramachandra V
Chief Engineer
CHIEF ENGINEER

Copy to the Superintending Engineer N.H.Circle, Vijayawada
Copy to the Executive Engineer, N.H.Division, Kadapa

Signature valid

Digitally signed by
RAMACHANDRA V
Date: 2021.05.27 20:34:08 IST

INSPECTION REPORT

Permission for Laying of Optical Fiber Cable (OFC) along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd.

We have inspected the site on 21/11/2020 with reference to the proposal submitted by M/s Jio Digital Fibre Pvt Ltd and the following points were observed and mentioned below.

- 1) The total Length of OFC proposed to be laid is 43.86 km from Km 694/670 to 738/530 of NH-67. Representatives of M/s Jio Digital Fibre Pvt Ltd. has informed that the laying of OFC cable would be strictly as per the strip plans submitted by them.
- 2) M/s Jio Digital Fibre Pvt Ltd representatives informed that trenching and laying of HDPE duct carrying the OFC will be taken up, for this an open trench of 0.45m top width and 0.3m bottom width with a depth of 1.65m will be dug along the proposed route as shown in the strip plan.
- 3) The OFC is proposed to be laid and maintained a minimum distance of 14.0m from the centerline.
- 4) The details of existing OFCs in the stretch are enclosed
- 5) M/s Jio Digital Fibre Pvt Ltd representatives informed that for Major bridges and village limits the OFC cable is proposed to lay by DWC with PCC/Clamping and HDD Methodology and as per the instructions of NH officials .
- 6) There is Sangam Forest from Km.707+500 to 708+880 in Bits and M/s Jio Digital Fibre Pvt Ltd informed to take prior permission from Forest Department.
- 6) M/s Jio Digital Fibre Pvt Ltd has submitted undertakings as per MORTH Circular memo No.RW/NH / 33044/29/2015/S&R (R), dated:22.11.2016.


21/11/20
Asst Executive Engineer (R&B)
NH Section, Chirala


21/11/20
Deputy Executive Engineer (R&B) P.H.C
NH Sub division, Ongole


Executive Engineer (R&B)
N.H. DIVISION, KADAPA.


16.11.20
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

SPECIFICATION REPORT

Specification report to accompaying the estimate towards "License fee" for Laying of Optical Fiber Cable (OFC) along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd

Estimate Amount: Rs. 211226.00

M/s Jio Digital Fibre Pvt Ltd. vide ref JDFPL/OFC/ROW/INTERCITY/NLD4C /AP/NH-67/KOVVUR-ATMAKUR/NH-R&B/7005 Dt:05.11.2020 has requested permission for Laying of O.F.Cable along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt for a total length of 43.86 Kms

As per the Memo No.Jio(OFC)/ButchiReddypalem&Kovur/NH-67/H-K road/EE(R&B)/NH KDP/TA/2020-21 Dt:09.11.2020 of the Executive Engineer R&B, NH Division, Kadapa, the estimate towards License fee is prepared for Laying of Optical Fiber Cable (OFC) along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd.

The rates of land abutting NH of balance length was obtained from the website of Registration & Stamps department of GoAP is used for calculation of the license fee. The list of Villages falling in the proposed stretch of road, corresponding chainages and breakup of Village wise land rates are as follows:

Sl. No.	Name of the Village	Chainage		Length (in Km)	Rate of Land Abutting NH	
		from	to		per Acre	per Sq.m
1	Vasili ✓	694.670	707.900	13.230	280000 ✓	69.19 ✓
2	Sangam ✓	707.900	718.520	10.620	2000000 ✓	494.21 ✓
3	Duvvuru ✓	718.520	730.000	11.480	2000000 ✓	494.21 ✓
4	Damaramadugu ✓	730.000	735.000	5.000	2100000 ✓	518.92 ✓
5	Pothireddypalem ✓	735.000	738.530	3.530	18,00,000 ✓	444.79 ✓

The land rate corresponding to the chainage is used for calculation of License fee.

Outer diameter of the utility line = 0.04m x 2 Nos of ducts =0.08m

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

Asst. Executive Engineer (R&B)
NH Section,Chirala

Deputy Executive Engineer (R&B) PRC
NH Sub Division:Ongole

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Name of the work: Towards "License fee" for Laying of Optical Fiber Cable (OFC) along Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd

Estimate - A

LICENSE FEE CHARGES

S No	Description	No	Measurements			Quantity	Rate	Per	Amount
			L	B	D	Sq.m	per Sq.m		
1	2	3	4	5	6	7	8	9	10
			(in m)						
1	Towards "License fee" for Laying of Opical Fiber Cable (OFC) along Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd								
	Km.694.670 to 707.900	1	13230	0.08	--	1058.4	69.19	Sqm	73,230.00
	Km.707.900 to 718.520	1	10620	0.08	--	849.6	494.21	Sqm	4,19,881.00
	Km.718.520 to 730.000	1	11480	0.08		918.4	494.21	Sqm	4,53,883.00
	Km.730.000 to 735.000	1	5000	0.08		400.0	518.92	Sqm	2,07,568.00
	Km.735.000 to 738.530	1	3530	0.08	--	282.4	444.79	Sqm	1,25,608.00
									12,80,170.00
	Licene Fee (Rs/Sq.m/Month) = $\frac{1280170.0}{10 \times 12}$						=		10668.00
	License Fee for 5 years = $5 \times 12 \times$						10668	=	6,40,080.00
							Total =		6,40,080.00
	or Public utility 33% of industrial Utilities as per point no.5 of MORTH guide lines vide letter No.RW/NH-33044/29/2015/S&R® Dated: 22nd Nov ,2016								2,11,226.00
	(Rupees Two Lakhs eleven Thousand two hundred and twenty six only)								

21/11/20
Asst. Executive Engineer (R&B)
NH Section, Chirala

21/11/20
Deputy Executive Engineer (R&B)
NH Sub Division: Ongole

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

16.4.21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

(Rupees Two Lakhs thirty seven thousand only)

ADD GST-12% 25347.16
426.44
2,37,000.00


Specification report to accompanying the estimate towards "Performance Guarantee" for Laying of Optical Fiber Cable (OFC) along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd


Estimate Amount: Rs. 43,86,000

M/s Jio Digital Fibre Pvt Ltd. vide ref JDFPL/OFC/ROW/INTERCITY/NLD4C /AP/NH-67/KOVVUR-ATMAKUR/NH-R&B/7005 Dt:05.11.2020 has requested permission for Laying of O.F.Cable along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt for a total length of 43.86 Kms


As per the Memo No.Jio(OFC)/ButchiReddypalem&Kovur/NH-67/H-K road/EE(R&B)/NH KDP/TA/2020-21 Dt:09.11.2020 of the Executive Engineer R&B, NH Division, Kadapa, the estimate towards Performance Guarantee is prepared for Laying of Optical Fiber Cable (OFC) along NH-67 from Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd.

The estimate is prepared as per MORTH Circular memo No.RW/NH / 33044/ 29/ 2015/ S&R (R), dated:22.11.2016 and the work will be carried out as per MoRTH guidelines..


21/11/20
Asst. Executive Engineer (R&B)
NH Section, Chirala


Deputy Executive Engineer (R&B)
NH Sub Division: Ongole


Executive Engineer (R&B)
N.H. DIVISION, KADAPA.



Superintending Engineer (R&B)
N.H. Circle, Vijayawada.



Name of the work: Performance Guarantee for Laying of Optical Fiber Cable (OFC) along Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd

PERFORMANCE GUARANTEE CHARGES

S No	Description	No	Measurements			Quantity	Rate	Per	Amount
			L	B	D	Sq.m	per RM		
1	2	3	4	5	6	7	8	9	10
1	Towards PERFORMANCE BANK GUARANTEE for Laying of Optical Fiber Cable (OFC) along Km 694/670 to 738/530 of NH-67 of Hubli to Krishnapatnam Road by M/s Jio Digital Fibre Pvt Ltd								
	Km 694.670 to 738.530	1	43860	--	--	43860			
						43860	100	RM	4386000
	Performance Guarantte Charges					=	Rs.		43,86,000
	(Rupees Fourty Three Lakhs eighty six thousand only)								


 Asst Executive Engineer (R&B)
 N.H Section ,Chirala


 Deputy Executive Engineer (R&B)
 N.H Sub Divison ,Ongole


 Executive Engineer (R&B)
 N.H. DIVISION, KADAPA.


 Superintending Engineer (R&B)
 N.H. Circle, Vijayawada.

CERTIFICATE

- 1 Undersigned has examined the proposal of the applicant for laying of Optical Fiber Cable along the National Highway - 67 (Hubli – Krishnapatnam) road from km 694/670 to 738/530 (RHS) for total Length of 43.860 Km, under the limits of R&B HN division, kadapa in the state of Andhra Pradesh and confirm that the all standard conditions issued vide Ministry circular No. RW/NH-33044/29/2015/5&(R) dated 22.11.2016 has been followed.
- 2 It is certified that any other location of 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 the highway nor the likely future improvement such as widening of the carriageway, casing of curve etc.
- 3 I will ensure supervision of the work of laying of utility and ensure that the defects in road portion after laying of utility are corrected.
- 4 I will notify /forfeit the BG for Claims for damages done/disruption in working if any.
- 5 I will ensure that proposed permission in entered in the register of records.
- 6 The records of previous approval, if any has been considered and copy of same is enclosed with the proposal.

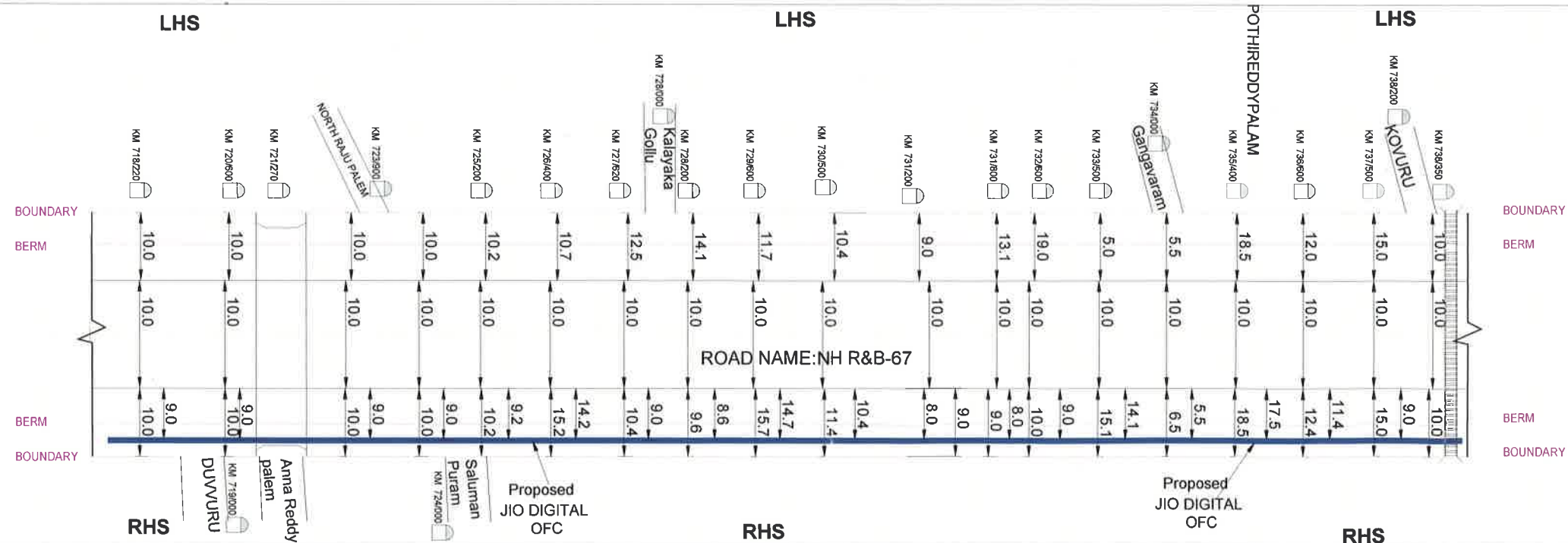
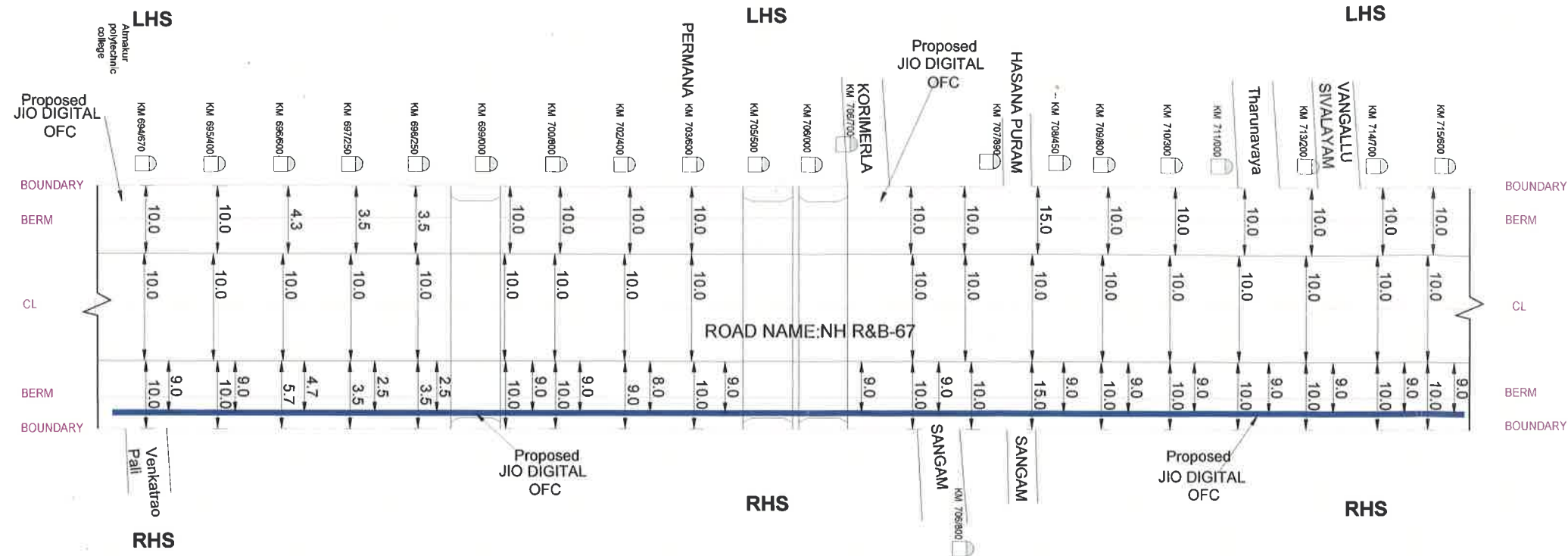
Executive Engineer (R&B)
NH Division, Kadapa.

16.4.21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

[Signature]

PROPOSED LAYING OF OFC CABLE/DUCTS OF M/S. JIO DIGITAL FIBRE PRIVATE LIMITED
 From 694/670 TO 738/530 on NH R&B-67 Road on (RHS), for a total length of 43.860Kms (KOVURU-ATMAKUR) in the state of Andhra Pradesh, NH
 R&B roads, Nellore

SHEET NO.01



LEGEND:-

	CENTER LINE
	CARRIAGEWAY
	BERM
	ROW BOUNDARY
	JIO DIGITAL OFC
	CULVERT / BRIDGE
	RAILWAY LINE

**ROW PLAN FOR 4C SPAN KOVURU-ATMAKUR ALONG WITH
 KRISHNAPATNAM-BELLARY NH R&B-67 FROM KM:694/670 TO 738/530 - 43.860KM**

APPLICANT: **Asst. Executive Engineer (R&B)**
JIO DIGITAL FIBRE PRIVATE LIMITED
N.H. Section, Chirala.

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.
N.H. Sub-Division, ONGOLE

Note:
 1. All dimensions are in mtrs Unless otherwise specified
 2. Section length 1 Km
 3.SCALE - NTS

Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Enclosure to Ministry of Road Transport & Highways letter No.RW/NH-33044/27/2005/S&R (Pt.) dated 06.08.2013
Annexure - III

(Enclosure to MOST (Deptt. Of RT&H) Letter No.)

Format for maintaining Records of Right of Way permission granted for laying OFC (to be maintained separately for every NH and State, every PWD Division or equivalent)

- 1 Name of State
 - 2 Name of Agency (PWD/BRO/NHAI)
 - 3 Name of PWD Division of Equivalent
 - 4 NH Number
 - 5 Chainage
- Andhra Pradesh
(R&B) National Highways
Kadapa
67
Km.641/000 to Km.754/000

Sl.No	Location (Chainage in Km)	Left or Right side of NH (Towards increasing chainage/Km)	Section and reach	Kind of service	Name of Agency and contact address	Date of Signing of Agreement	Date of validity of agreement	Date of last inspection agreement of site	Any deviation from MoRTH Standard norms	Remarks if any
1	2	3	4	5	6	7	8	9	10	11
Details of already laid services, if any along the proposed route is NIL										

06/03/21
Asst. Executive Engineer (R&B)
N.H. Section; Chirala.

06/03/21
Oy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

16/11/21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

CHECK - LIST

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

Sl. No.	Item	Information/ Status	Remarks
1	General Information		
1.1	Name and Address of the Applicant/Agency	Jio Digital Fibre Private Limited Regd. Office Address : Office-101, Saffron, Nr.Center Point, Panchwati 5 Rasta, Ambawadi, Gujarat, Ahmadabad-380 006 India	
1.2	National Highway Number	NH-R&B-67	
1.3	State	Andhra Pradesh	
1.4	Location	Atmakur, Sangam, Buchireddypalem & Kovur Mandal, SPSR Nellore District	
1.5	(Chainage in km.)	<u>along the Road from</u> Km 694/670 to Km 738/530	
1.6	Length in Meters	43,860 meters.	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/ km direction		
	(b) Right side from center line towards increasing chainage/ km direction	Varies from 8.5 to 48.7 Meters	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km directions		
	(b) Right side from center line towards increasing /km direction	from Km 694/670 to 738/530	
1.9	Proposal to acquire land		
	a) left side from center line	NA	
	b) right side from center line	NA	
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	At the edge of the RoW	
1.11	Details of already laid services, if any, along the proposed route	NA	
1.12	Number of existing lanes (2/4/6/8 lanes)	2 lan	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)	NA	
1.14	Service road existing or not	NA	
	If yes then which side		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
	Proposed Service road		
	(a) Left side from center line		



Asst. Executive Engineer (R&B)
N.H. Section, Chirala

Dy. Executive Engineer (R&B)
N.H. Sub-Division, Kadapa

Superintending Engineer (R&B)
N.H. Circle, Vijayawada

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

CHECK - LIST

	(b) Right side from center line	NA	
1.16	Whether proposal to lay utility is after the service road or between the service road and main carriageway	NA	
1.17	Whether carrying of sewage/OFC has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on Bridges.	
1.18	Whether carrying of sewage/OFC has been proposed on the parapet/any part of the Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on the parapet/any part of the Bridges.	
1.19	If Crossing of the Road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expense of the agency owning the line	NA	
	a) Whether the existing drainage structures are allowed to carry the OFC	No	
	b) Is it on a line normal to NH	Yes	
	c) What is the distance of crossing the utility OFC from the existing structures? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	Not Applicable	
	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 concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casing.	Not Applicable	
	e) Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path	Not Applicable	
	f) The casing/conduit pipe should be as minimum extend from drain to drain in cuts and toe of slope in the fills.	Not Applicable	
	g) The top of the casing/conduit pipe should be at least 1.5 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details	Applicable	
	h) Mention the methodology proposed for crossing of road for the proposed sewage/OFC. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type	Using HDD methodology	
	The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a	Not Applicable	



21/11/20
Asst. Executive Engineer, (R&B)
N.H. Section Chirala

21/11/20
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

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	manner as to prevent the formation of a water way 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 1.5m deep x 0.3 m wide	Yes	
	i) should not be greater than 60 cms wider than the outer diameter of the pipe	Yes	
	ii) located as close to the extreme edge of the Right of Way as possible but not less than 15m from the center line of the nearest carriageway	Drawing Enclosed	
	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 0.6m 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	HDD Cross section enclosed	
2.3	Strip plan / Route Plan showing utility/OFC 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 OFC	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 the trench	Yes, Methodology of OFC laying attached.	
	a) The trench width should be at least 30 cms, but not more than 60 cms. wider than the outer diameter of the pipe	Open Trench cross section enclosed	
	b) For filling of the trench, Bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yield firm surface without sudden change in the bearing value. Unsuitable soil and rock edges 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 the top of the pipe and ii) overfill to the bottom of the road crust	Yes	



21/11/20
Asst. Executive Engineer (R&B)
N.H. Section, Chirala

21/11/20
Dy. Executive Engineer (R&B)
N.H. Sub-Division, ONGOLE

CHECK - LIST

	d) The side fill shall consist of granular material laid in 15 cms. Layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has 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 owing the utility line.	Not applicable	
2.4.2	Horizontal Directional Drilling (HDD) Method	Details provided in Methodology of Laying.	
2.4.3	Methodology for laying of the OFC through CD works and method of laying In cases where the carrying of OFC on the bridge becomes inescapable	Yes, Methodology of OFC laying attached.	
3	Draft License Agreement signed by two witnesses	Enclosed	
3.1	The License fee estimate as per Ministry's guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
4	Whether Performance Bank Guarantee as per Ministry guidelines issued vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016 is obtained	Undertaking for submission of BG has been obtained from M/s Jio Digital Fibre Private 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 Jio Digital Fibre Private Limited	
5	Affidavit/Undertaking from the Applicant for following is to be furnished		
5.1	Undertaking for not to damage any other utility, if damaged then to pay the losses either to NHAI or to the concerned agency	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/NHAI's guidelines	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	Yes Enclosed	



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	of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.		
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by 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 format issued by MoRTH vide circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Yes Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the respective 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 as applicable, before applying to Highway Administration.	Not Applicable as the Utility line proposed is 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.	Yes, enclosed	
5.12	Certificate from the applicant in the following format i) Laying of OFC 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 notwithstanding 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 OFC line agency? Power of attorney to sign the Agreement is available or not	RoW Lead, Jio Digital Fibre Pvt Ltd, Copy of Power of Attorney enclosed.	
7	The Project Director shall submit the following Certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide MoRTH circular No. RW/NH/33044/29/2015/S&R dated 22-11-2016	Enclosed	
7.2	Certificate from the PD in the following format i) "It is certified that any other location of the OFC would be extremely difficult and unreasonably costly and the installation of OFC within RoW will not adversely affect the design, stability and traffic safety of the highway nor the likely future Improvement such as widening of the carriage way, easing of curve etc." ii) for 6-laning	Enclosed	



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N.H. Section, Chirala**

**Oy. Executive Engineer (R&B)
N.H. Sub-Division, ONGO.**

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	<p>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".</p> <p>b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"</p>	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 lay OFC duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of Dornala T-Junction Penchalakona section from Km.329/300 to km 337/420 of NH no. 565) on Build, Operate and Transfer basis and therefore the licensee shall honor same.	NA	
9	Who will supervise the work of laying of Utility Pipe line		
	a) On behalf of the applicant	Area Manager, Jio Digital Fibre Private Limited, Nellore	
	b) On behalf of MoRTH/NHAI	Executive Engineer (R&B), NH Division, Cuddapah	
10	Who will ensure that the defects in road portion after laying of OFC are corrected and if not corrected then what action will be taken.		
	c) On behalf of the applicant	Area Manager, Jio Digital Fibre Private Limited, Nellore	
	d) On behalf of MoRTH/NHAI	Executive Engineer (R&B), NH Division, Cuddapah	
11	Who will pay the claims for damages done/disruption in working of Concessionaire if asked by the Concessionaire?	Jio Digital Fibre Pvt Ltd	
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)	Yes, 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) to be enclosed.	NA	

NA
16.4.21
Superintending Engineer (R&B)
N.H. Circle, Vijayawada.

Shri. Sreekanth Pinninti
RoW-Lead

Name, Designation and Signature of the
Authorized representative of applicant

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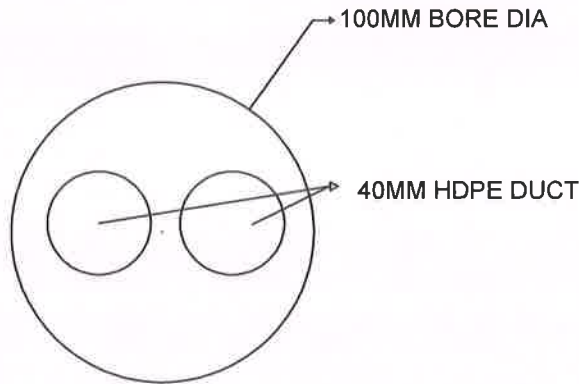
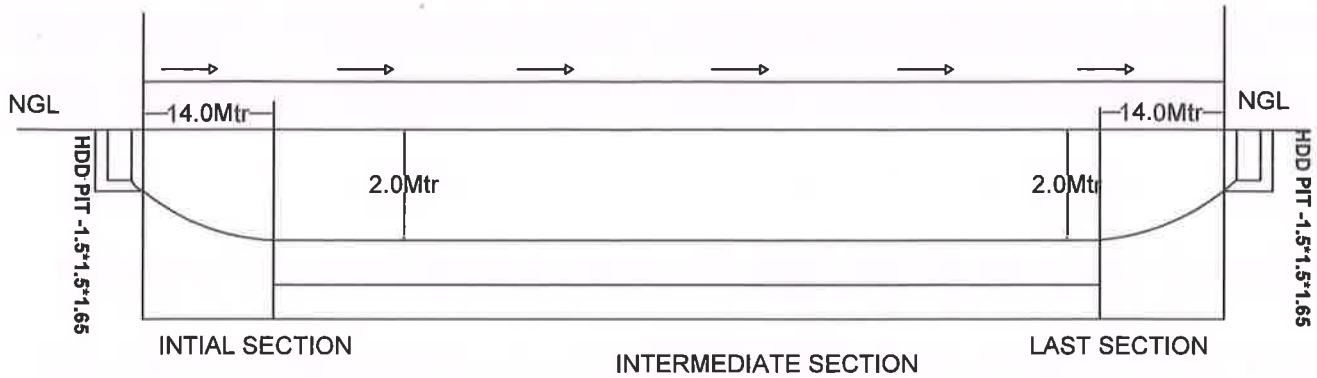
(Name Designation and signature of
concerned field authority of NHAI/PWD/BRO

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N.H. Sub-DIVISION, ONGOLE

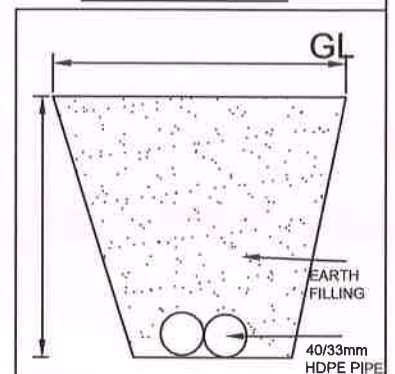
Executive Engineer (R&B)
N.H. DIVISION, KADAPA.

ROW PLAN FOR 4C SPAN KOVURU-ATMAKUR ALONG WITH KRISHNAPATNAM-BELLARY NH R&B-67 FROM KM:694/670 TO 738/530 - 43.860KM

TYPICAL CROSS SECTION HDD



CROSS SECTION



JIO Digital Fiber Private Limited
Note : All Dimensions are in Mtrs

Legends:

- JIO Digital OFC
- HDD
- Jio Digital @ R/Cross
- △ Army Node
- Air Force Node
- Navy Node
- ◇ DCN Node
- || Include Station
- || Road Crossing
- || Bridge/ Culvert
- Kilometer Stone

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N.H. Section, Chirala.

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N.H. Sub-Division, ONGOLE

Executive Engineer (R&B)
N.H. DIVISION, KADAPA.



ROUTE TYPE: NLD