

No. RO/VJA/Misc.24/B/OFC/NH-42/Sr.no.105/1562

Government of India

Ministry of Road Transport & Highways

Regional Office, Vijayawada

Door No.41-29-45A, 3rd & 4th floors, MORTH/NHAI Buildings, Ranigarithota,
Near Kanakadurga Varadhi, Krishnalanka, Vijayawada-520013. Tele: 0866-2571985

Dated: 26.03.2022

Invitation of Public Comments

Sub: Proposal for permission for laying Optical Fibre cable (OFC) on NH along the NH-42 road by M/s Vindhya Telcelinks Limited from km 165/960 to km 164/748 (RHS) and from km 164/748 to km 164/734 (LHS) and a crossing at km 164/748 (RHS-LHS) of Madanapalli - Ananthapuramu section of NH 42 for a total length of 1.256 kms in Ananthapuramu 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 04.02.2022 for laying Optical Fibre cable (OFC) by Horizontal Directional Drilling Method (HDD) along the NH-42 road by M/s Vindhya Telcelinks Limited from km 165/960 to km 164/748 (RHS) and from km 164/748 to km 164/734 (LHS) and a crossing at km 164/748 (RHS-LHS) of Madanapalli - Ananthapuramu section of NH 42 for a total length of 1.256 kms in Ananthapuramu District in the State of Andhra Pradesh.

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 & across 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,
Door No.41-29-45A, 3rd & 4th floors, MORTH/NHAI Buildings,
Ranigarithota, Near Kanakadurga Varadhi,
Krishnalanka, Vijayawada - 520013
Email id: romorthvijayawada@gmail.com.

Yours Faithfully,

Encl: As above


(Venkataiah Mekala)

Sr. Technical Assistant,
For Regional Officer, MoRTH, Vijayawada

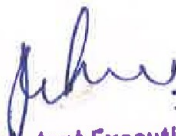
Copy to:


- 1) The Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Chief Engineer(R&B), NH & CRF, AP.
- 3) M/s Telesonic Networks Limited, Plot no. 56, Ishaq colony, Opp: Syndicate Bank, Picket Branch, Wellington road, Near AOC Center, Marredpally, Secunderabad - 500015, Telangana.

CERTIFICATE

Under signed has examined the proposal of the applicant for laying of permission underground Optical Fiber Cable (OFC) on (Madanapalli – Anantapuramu Section) NH-42 along the road by HDD (Horizontal Directional Drilling) from Km.165/960-164/748 (RHS) A Crossing of 1.256 Kms in Anantapuramu District of Andhra Pradesh and confirm that the all standard conditions issued vide Ministry Circular No.RW/NH-33044/29-2015/S&(R), Dt.22.11.2016 has been followed.

1. It is certified that any other locations 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.,
2. I will ensure supervision of the work of laying of utility and ensure that the defects in the road portion after laying of utility are corrected.
3. I will notify / forfeit the BG for claims for damages done / disruption in working, if any.
4. I will ensure the proposed permission is entered in the register of records.
5. The record of previous approval, if any has been considered and the copy of same is enclosed with the proposal.


3/11/2021
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE


02/11/2021
Deputy Executive Engineer
R&B) N.H. SUB - DIVISION
MADANAPALLE


19/11/2021
Executive Engineer (R&B)
N.H. Division, Anantapuramu.



17/11/2021
Superintending Engineer
R & B NH Circle, Anantapuramu

INSPECTION REPORT

I have inspected site on Date: 03-11-2021 for "Request for permission to lay underground Optical Fiber Cable (OFC) on (Madanapalle- Ananthapuramu section) NH-42 along the road by HDD (Horizontal Directional Drilling) from Km 165/960-164/748 (RHS), A Crossing at Km 164/748 (RHS-LHS) and Km 164/748- 164/734 (LHS), for a total length of 1.256 Kms in Ananthapuramu District of Andhra Pradesh under the Jurisdiction of R&B , NH Division, Ananthapuramu.." by M/s Vindhya Telelinks Limited. The following points were observed and mentioned below.

1. The total length of OFC Proposed is 1256 Mts (1212 Mts LHS and 30 mts crossing and 14 mt RHS on of road by HDD only)
2. The M/s Vindhya Telelinks Limited.. has Proposed to lay OFC by HDD (at a depth of 1.45 Mts below ground level) to a length of 1256 Mts
3. The ROW of the road varies from 15 Mts to 30 Mts in this location.
4. Restoration of trench should be done by the Agency as specified by the Ministry Vide F.No.RW/NH-33044/29/2015/S&R(R) Dated 22-11-2016.
5. The Agency has submitted Undertaking for submission of Performance Bank Guarantee ,Indemnity bond, Certificate foe relocation of pipe line in case 4/6-Lanning of the road ,and under taking to comply with the MORTH Guide lines.
6. The strip plan and methodology of laying pipe line and other documents submitted by the agency is attached here with.


3/11/2021
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE


03/11/2021
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE


29/11/2021
Executive Engineer (R&B)
N.H. Division, Ananthapuramu.


29/11/2021
Superintending Engineer
(R & B) NH Circle, Ananthapuramu

1.16	whether proposal to lay the utility is after the service road or between the service road and main carriageway	NA	
1.17	Whether carrying of sewage /gas pipeline has been proposed on highway/bridges if YES then mention the methodology proposed for the same	NO	
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	NO	
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	YES Crossing encased with pipe	
	a)whether the existing drainage structures are allowed to carry the utility pipeline	NO	
	b)is it on a line normal to the NH	No – Crossing for the by lane roads joining to NH	
	c)What is the distance of crossing the utility pipelines from the existing structures crossing shall not be too near the existing structures on the national highway. the minimum distance being 15 meter	NA	
	d)The casing pipe 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 carrier pipe/cable	NA	
	Mention type of casing	DWC Pipe	
	e)Ends of the casing /Conduit pipe shall be sealed from the outside so that it does not act as a drainage path	YES	
	f)The casing/conduit pipe should as minimum extend from drain to drain in cuts and toe of slope in fills	YES	
	g) The top of the casing /conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 meter below the drain inverts	NA	
	mention the proposed details		
	h)Mention the methodology proposed for crossing of road for the proposed sewage /Gas pipe line .Crossing shall be by boring method HDD.specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD Method	

HDD Method

Executive Engineer (R&B)
N.H. Division, Anantapuramu.

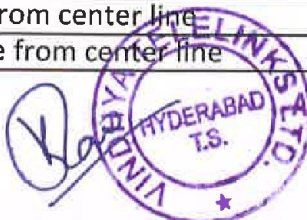
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

3/11/2024
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

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	M/s. VINDHYA TELELINKS LIMITED., EPC Division, Plot No. 56, Ishaq Colony, Opposite Syndicate Bank, Picket Branch, Wellington Road, Near AOC Centre, Marredpally, Secunderbed – 500026, Telangana.	
1.2	National Highway Number	NH-42	
1.3	State	ANDHRA PRADESH	
1.4	Location	(Madanapalli – Ananthapur Section) on NH - 42	
1.5	chainage/K.m	Km 165/960 - 164/748 (RHS), Acrossing at Km 164/748 (RHS- LHS) and Km 164/748 - 164/734 (LHS)	
1.6	Length in Meters	1226 Mtrs	
1.7	Width of available ROW		
	a)Left side from center line towards decreasing chainage /km direction	Min: 10.25 mtrs Max: 15.75 mtrs	
	b)Right side from center line towards decreasing chainage /km direction	Min: 11.25 mtrs Max: 16.75 mtrs	
1.8	Proposal to lay the utility		
	a)Left side from center line towards decreasing chainage /km direction	Min: 9.75 mtrs Max: 15.25 mtrs	
	b)Right side from center line towards decreasing chainage /km direction	Min: 10.75 mtrs Max: 16.25 mtrs	
1.9	proposal to acquire the land	Not required	
	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		
1.11	Details of already laid services, if any along the proposed route		
1.12	Number of Existing lanes (2,4,6,8 lanes)	Intermediate to Four Lane	
1.13	proposed number of lanes (2lane with paved shoulders/4/6/8 lanes)	4 lane with paved shoulder	
1.14	Service road existing or not	NO	
	if YES then which side		
	a)Left side from center line		
	b)Right side from center line		
1.15	Proposed Service road	NO	
	a)Left side from center line		
	b)Right side from center line		



Assistant Executive Engineer
(R&B) N.H. SECTION
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Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
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	i)The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a water way along it	NA	
2	Document /Drawing to be enclosed with the proposal	YES Enclosed	
2.1	crossection showing the size of the trench for open trenching method	YES Enclosed	
	is it normal size of 1.2m deep X 0.3meter wide	YES	
	i)should not be greater than 60cms wider than the outer diameter of the pipe	NA	
	ii)located as close to the extreme edge of the right of way as possible but not less than 15m from the centerline of the nearest carriageway		
	iii)shallnot 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	NA	
	iv)These should be so laid that their top is at least 0.6m below the ground levelso as not to obstruct drainage of the road land	Yes	
2.2	Cross section showing the size of the pit and location of cable for HDD method	Enclosed	
2.3	Strip plan/route plan showing the utility/Gas Pipeline chainage Width of ROW distance of proposed pipeline from the edge of ROW. Important mile stone Intersections ,cross drainage works etc...	Enclosed	
2.4	Methodology for laying of the utility pipeline		
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		
	a)The trench width should be at least 30cms. But not more than 60cms wider than the outer diameter of the pipe	Yes, Enclosed	
	b)for filling of the trench bedding shall be to a depth of not less than 30cms.It shall consist of granular material.free of lumps.clod s and cobbles and graded to yield a form surface without sudden change in the bearing value.unsuitable soil and rock edged should be excavated and replaced by selected material.	Yes, Pits will be filled with granular material	



[Signature]
3/11/2024
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

Executive Engineer (R&B)
N.H. Division, Anantapuramu.

[Signature]
05/0/2024
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

	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	NA	
	d) The side fill shall consist of granular material laid in 15cms 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 willnot 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 redlights during night hours	Yes	
	g)if required a diversion shall be constructed at the expeince of agency owing the utility line	Yes	
2.4.2	Horizontal Directional Drilling method (HDD method)	YES	
2.4.3	Methodology for laying of the pipeline through CD works and method of laying in cases where the carrying of gas pipeline 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 guide lines issued vide circular no:RW/NH/33044/29/2015/S&RDATED 22-11-2016	Enclosed	
4	whether performance bank guarantee as per minstry circular No:RW/NH-3044/29/2015/S&R(R)DATED 22-11-2016 is obtained	Yes	
4.1	Confirmation of BG has been obtained or not as per MORTH guide lines	YES – Will be submitted after approval from competent Authority	
5	Affidivit /undertaking from the applicant from the following is to be furnished	YES	
5.1	Undertaking for not to damage any other utility ,if damaged then to pay the losses eithe to NHAH or to the concerned agency	YES Enclosed	
5.2	Undertaking for renewal of BG as when asked by MORTH/NHAI	YES, Enclosed	



[Signature]
3/11/2024
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

[Signature]
03/11/2024
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

5.3	Undertaking for confirming all standard condition of MoRTH /NHAI guide lines	YES, Enclosed	
5.4	Undertaking for indemnity against all damages and claims	YES, Enclosed	
5.5	Undertaking for management of traffic moment 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 applicant	YES, Enclosed	
5.7	Undertaking that prior approval of the MoRTH shall be obtained before undertaking any work/installation /shifting/repairs/alterations to the utility located in the national highways ROW	YES, Enclosed	
5.8	Undertaking that expenditure if any incurred by NHAI by 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 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 organization, Oil industry safety directorate, state /central pollution control board and any other statutory clearance as applicable, before applying to Highway administration	NA	
5.11	if the MoRTH/NHAI considers if 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 pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic	NA	
	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 laneing/any other development"	Enclosed	



3/11/2024
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

Enclosed
Executive Engineer (R&B)
N.H. Division, Anantapuramu.

25/10/2024
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

6	who will sign the agreement on behalf of GAS pipeline agency	NA	
	Power of attorney to sign the agreement is available or not	M/s Vindhya Telelinks Ltd	
7	The project director will submit the following certificates		
7.1	Certificate that the proposal is confirming to all standard conditions issued vide ministers 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 pipeline would be extremely difficult and unreasonable costly and the installation of GAS pipeline 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"	NA	
	ii)for six laning		
	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 he said location ".	NA	
	b)In case feasibility report is not available "I do certify that sufficient ROW is available at sight for accommodating proposed six laning"		
8	If NH section proposed to be taken up by NHAI on BOI 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 of to the cocessionaire under the concession agreement for upgrading of(-----Section from KM ----- to KM ----- of NHno:----- on build. (operate and transfer basis)and therefore the licensee shall honour the same	NA	
9	who wil supervise the work of laying of GAS/OFC pipeline.		
	a) on behalf of the applicant	Vindhya Telelinks Ltd Engineer	
	b)on behalf of MORTH /NHAI	R&B, NH Department	
10	Who will ensure that the defects in road portion after alying of gas/ofc pipeline are corrected and if not corrected then what action will be taken	R&B, NH Department	
	a)onbehalf of the applicant	Vindhya Telelinks Ltd Engineer	
	b)on behalf of NHAI	R&B, NH Department	
11	Who will pay the claims for damages done /disruption in working of concesionaire if asked by the concessionaire	Executive Engineer (R&B) N.H. Division, Arantapuramu.	
	on behalf of Applicant	Vindhya Telelinks Ltd Engineer	



Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

12	A certificate from EE/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 of underground gas pipeline then photocopy of register of records/permissions accorded (as maintained by EE/PD) be enclosed.	No	

Name /Designation/Signature of the authorized representative of the applicant



[Signature]
2/11/2024
**Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE**

Name /Designation/Signature of the concerned field authority of NHAI/PWD/BRO

[Signature]
23/11/2024
**Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE**

[Signature]
29/11/2024
**Executive Engineer (R&B)
N.H. Division, Anantapuramu.**

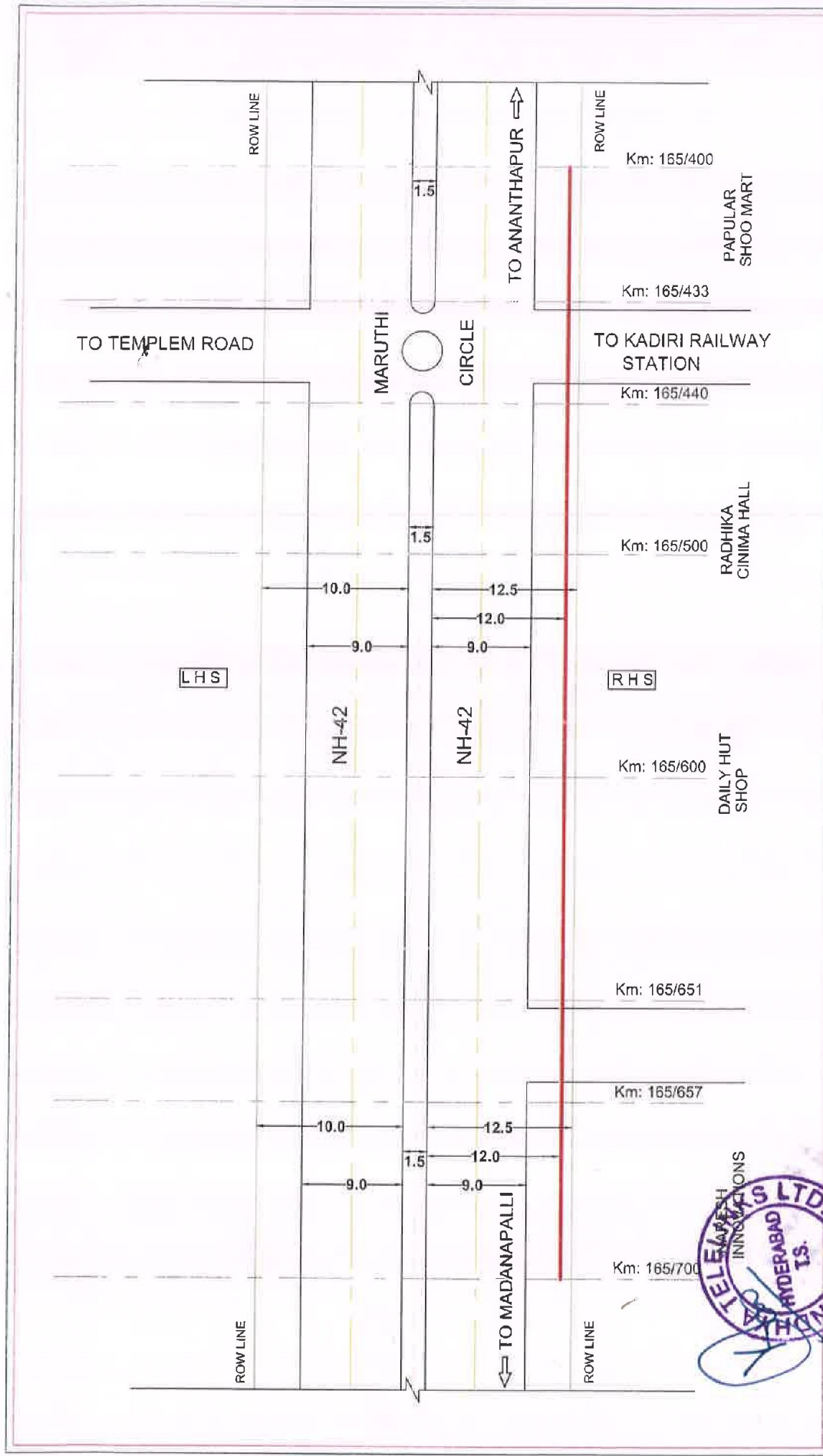
[Signature]
29/11/2024
**Superintending Engineer
(R&B) NH Circle, Anantapuramu**



Executive Engineer (R&B)
N.H. Division, Anantapuramu.

INSTALLATION OF CASING PIPE FOR CROSSING THE ROAD

3

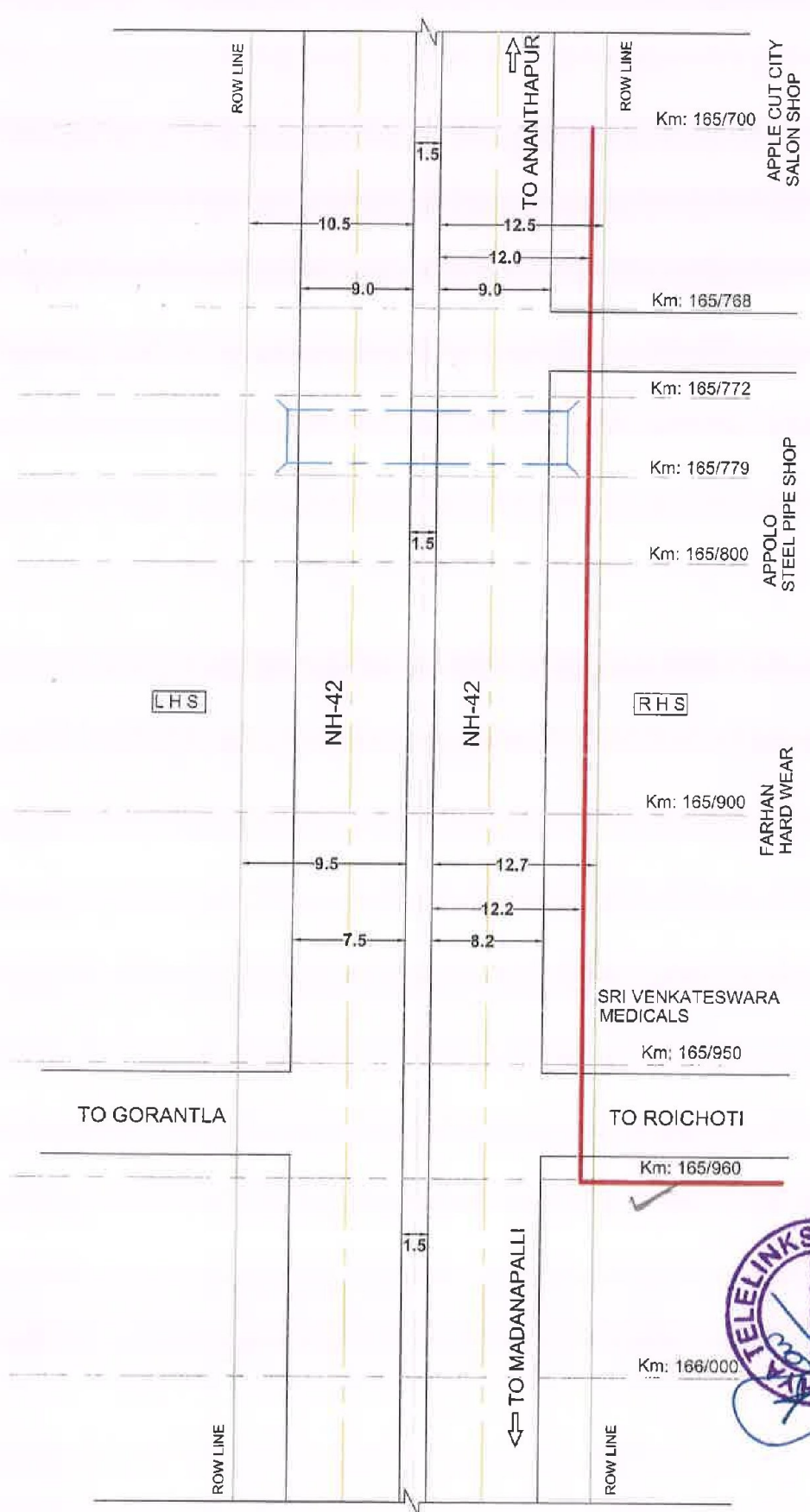


LEGEND:	
	- PROPOSED LOPC ROUTE
	- BT ROAD
	- CENTER LINE OF CARRIAGEWAY
	- BOUNDARY (ROW)
	- BRIDGE / CULVERT
NOTES:	
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED	
2. SECTION LENGTH - 0.300 Km	
3. SCALE - NTS	
APPLICANT:	
Vindhya Teliniks Limited. Udyog Vihar, P.O. Chorhala, Rewa (M.P.) 486006.	
Deputy Executive Engineer (R&B) N.H. SUB - DIVISION MADANAPALLE	
Assistant Executive Engineer (R&B) N.H. SECTION MADANAPALLE	

(Signature)
N.H. Division, Anantapuramu.



4



- LEGEND:**
- PROPOSED ROUTE
 - BT ROAD
 - CENTER LINE OF CARRIAGEWAY
 - BOUNDARY (ROW)
 - BRIDGE / CULVERT
- NOTES:**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
 2. SECTION LENGTH - 0.260 Km
 3. SCALE - NTS

RAYACHOTY ROAD - COLLEGE CIRCLE (NH-42)

(Km:165/960 TO Km: 165/700)

APPLICANT:

[Signature] 11/12/2024

Vindhya Telelinks Limited.
Udyog Vihar, P.O. Chorghata, Rewa (M.P.) 486006.

[Signature] 23/12/2024
Deputy Executive Engineer

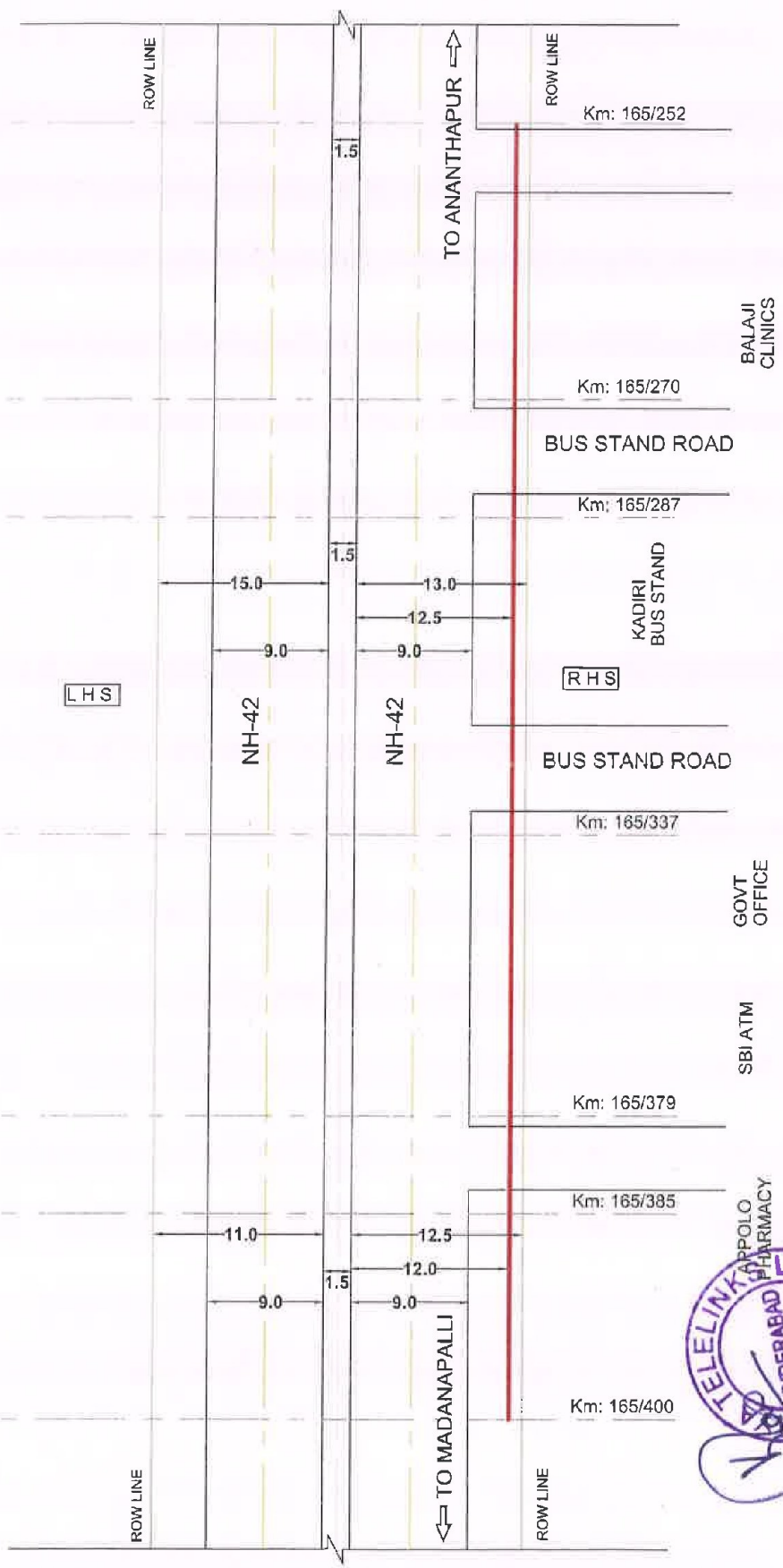
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE

(R&B) N.H. SUB - DIVISION
MADANAPALLE

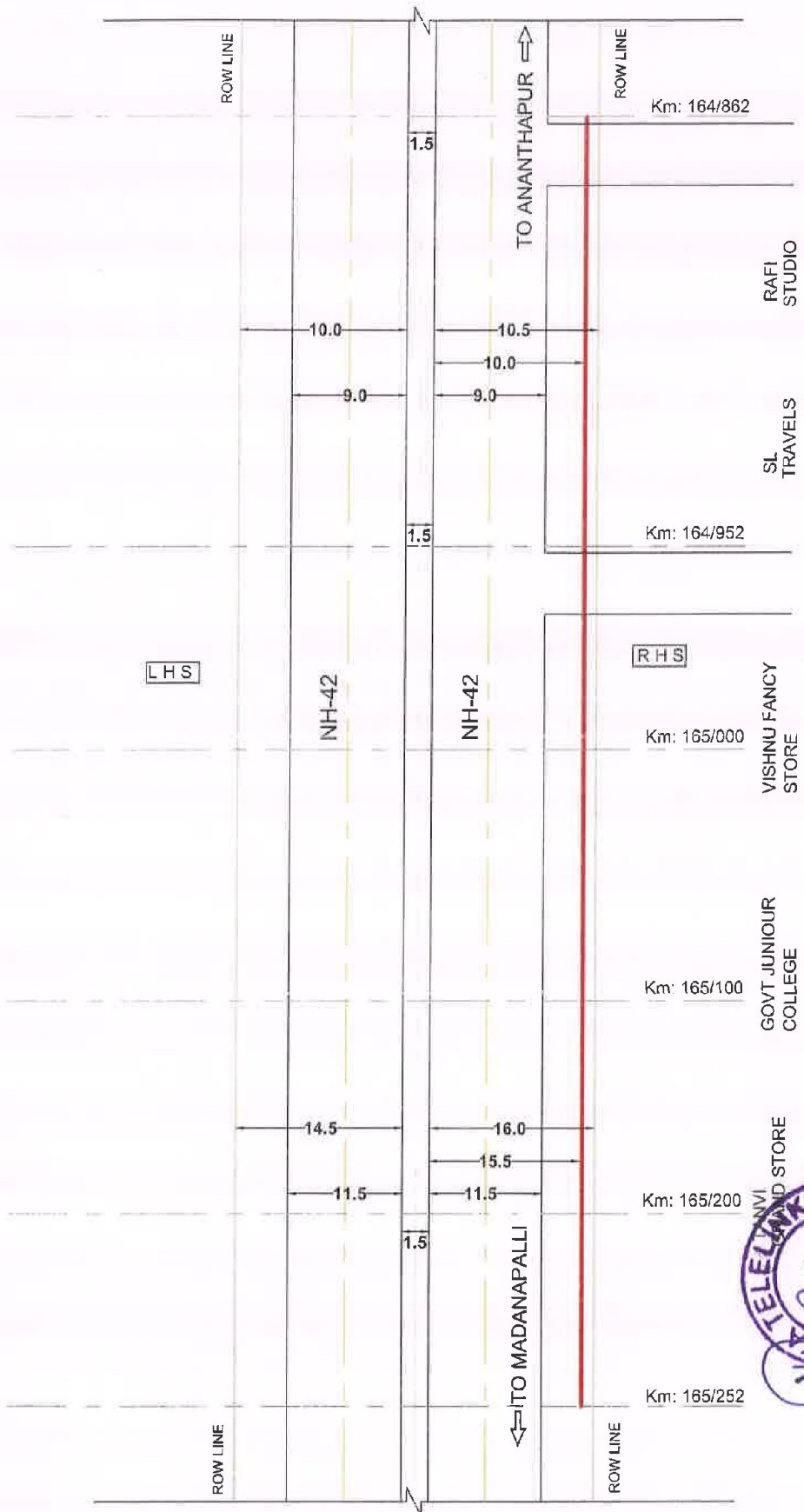
[Signature] 29/12/2024
Executive Engineer (R&B)
N.H. Division, Anantapuram.



2



LEGEND:	
	- PROPOSED OFC ROUTE
	- BT ROAD
	- CENTER LINE OF CARRIAGEWAY
	- BOUNDARY (ROW)
	- BRIDGE / CULVERT
NOTES:	
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED	
2. SECTION LENGTH - 0.148 Km	
3. SCALE - NTS	
RAYACHOTY ROAD - COLLEGE CIRCLE (NH-42)	
(Km:165/400 TO Km: 165/252)	
APPLICANT:	
Vindhya Telinkis Limited.	
Udyog Vihar, P.O. Chorhata, Rewa (M.P.) 486006.	
ASSISTANT EXECUTIVE ENGINEER (R&B) N.H. SECTION MADANAPALLE	
DEPUTY EXECUTIVE ENGINEER (R&B) N.H. SUB - DIVISION MADANAPALLE	
EXECUTIVE ENGINEER (R&B) N.H. DIVISION, ANANTHAPURAMU.	



LEGEND:

- PROPOSED OFC ROUTE
- BT ROAD
- CENTER LINE OF CARRIAGEWAY
- BOUNDARY (ROW)
- BRIDGE / CULVERT

APPLICANT:

Vindhya Telelinks Limited.
Udyog Vihar, P.O. Chorhata, Rewa (M.P.) 496006.

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.390 Km
3. SCALE - NTS



(Signature)
Executive Engineer (R&B)
N.H. Division, Anantapuramu.

(Signature)
Deputy Executive Engineer
(R&B) N.H. SUB - DIVISION
MADANAPALLE

(Signature)
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE




Executive Engineer (R&B)
N.H. Division, Anantapuramu.