

Dated: 29.10.2019

**Invitation of Public Comments**

**Sub: Permission for laying Optical Fibre Cable (OFC) along NH-42 from KM 240/700 to 248/700 of Madanapalli Bypass road for a total length of 8000 m in Chittoor District by M/s Reliance Jio Infocamm Limited in the state of Andhra Pradesh.**

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, A.P vide letter dated 30.09.2020 for laying Optical Fibre Cable (OFC) along NH-42 from KM 240/700 to 248/700 of Madanapalli Bypass road for a total length of 8000 m in Chittoor District by M/s Reliance Jio Infocamm Limited.

2. As per the guidelines, issued by the Ministry vide Circular No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, 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, public comments 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, Punnam Thota,  
Vijayawada - 520010  
Email id: romorthvijayawada@gmail.com

Yours faithfully,

Encl: As above

  
29/10/2020

(Ashutosh Gaur)  
Assistant Executive Engineer  
For Regional Officer

**Copy to:**

- 1) Senior Technical Director, NIC for uploading on the Ministry's website
- 2) Chief Engineer(R&B), NH & CRF, AP for information.
- 3) The Superintending Engineer(R&B), NH Circle, Anantapur
- 4) The Executive Engineer(R&B), NH Division, Chittoor.
- 5) M/s. Reliance Jio Infocomm Limited, Vijayawada.

Government of Andhra Pradesh  
Roads & Buildings Department



From,  
Sri V. Ramchandra, M. Tech.,  
Chief Engineer (R&B),  
National Highways & CRF,  
Room.No 412, 4<sup>th</sup> floor,  
State HoD Offices Building,  
MG Road, Vijayawada-520010

To,  
The Regional Officer, MoRTH.,  
D.No.38-2-3/2, Gorte Dalappana Veedhi,  
Near American Hospital,  
Punnamthota,  
Vijayawada-520010

Lr No.NH-42/OFC/DCE(NH&CRF)/EE/DEE4/AEE1/2020-21 dt.30.09.2020

Sir,

Sub:

R&B NH Circle, Anantapur -Permission for laying Optical Fibre Cable (OFC) along NH-42 from KM 240/700 to 248/700 of Madanapalli Bypass road for a total length of 8000 m in Chittoor District by M/s Reliance Jio Infocomm Limited, Vijayawada-Proposals furnished - Permission requested - Reg.

- Ref:
1. Ministry circular no. RW/NH-33044/29/2015/S&R (R), dt.22.11.2016
  2. RO/MoRTH/VJA lr. no. RO/VJA/Misc24BAccess/Utility/7, dt.13.04.2017.
  3. SE/NH/ATP lr. no.NH42/OFC/SE NH ATP/ATO/2020-21 dt.25.09.2020

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Adverting to the subject cited, it is to furnish that M/s Reliance Jio Infocomm Ltd., VJA have applied for grant of permission for laying Optical Cable Fibre on NH-42 from from KM 240/700 to 248/700 of Madanapalli Bypass road in Chittoor District.

The license fee and Performance Bank Guarantee fee for the above work are as below:

- License fee - Rs.1,38,926.00
- Performance Bank Guarantee fee: Rs.8,00,000.00

Further, the following are herewith furnished:

- The proposed OFC is located from KM 240/700 to 248/700 of Madanapalli Bypass road in Chittoor District of NH-42.
- Total length of proposed OFC is 8.00 Kms.
- There are no road crossings involved.
- The carriageway width of the said stretch is 10.00mts.
- The ROW varies from 25.00m to 30.00mts.
- The proposed OFC is located at 15.00mts from centreline of the carriageway.
- The firm has proposed that OFC shall be laid through 40mm HDPE ducts (2Nos.) placed side by side at a depth of 1.65mts. below GL.
- HDPE ducts shall be laid by Open Trench method (Top width of trench is 450mm and bottom width is 300mm) as shown in trench cross section submitted by the firm.

The firm has submitted the checklist and all the undertakings required to be submitted for according permission and approval for laying OFC as stipulated vide references 1<sup>st</sup> and 2<sup>nd</sup> cited. A copy of the documents submitted by the firm is herewith furnished.

Therefore permission may be accorded for laying OFC cable from KM 240/700 to 248/700 of Madanapalli Bypass road in Chittoor District of NH-42 so as to enable them to commence the laying of Optical Fibre Cable.

Encl.: booklets - 2nos.

Yours Sincerely,

for Chief Engineer (R&B)  
National Highways & CRF

Copy to  
The Superintending Engineer(R&B) NH Circle, Anantapur.



## 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	<b>Jio Digital Fibre Private Limited</b>  Regd. Office Address : Office-101, Saffron, Nr.Center Point, Panchwati 5 Rasta, Ambawadi, Gujarat, Ahmadabad-380 006 India	
1.2	National Highway Number	<b>NH-42</b>	
1.3	State	Andhra Pradesh	
1.4	Location	Madnapalli Bye Pass road, Madanapalli, Chittoor District	
1.5	(Chainage in km.)	<b>along the Road from</b> KM 240/700 to KM 248/700	
1.6	Length in Meters	8,000 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	16 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	KM 240/700 to KM 248/700	
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		
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 lane	
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		
	(a) Left side from center line	Not Applicable	
	(b) Right side from center line	Not Applicable	



## CHECK - LIST

1.15	Proposed Service road		
	(a) Left side from center line	No proposed Service Road	
	(b) Right side from center line	No proposed Service Road	
1.16	Whether proposal to lay utility is after the service road or between the service road and main carriageway	Not Applicable	
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, Utility (OFC) not proposed on Bridges.	
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, 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	Not Applicable	
	a) Whether the existing drainage structures are allowed to carry the utility pipeline	Not Applicable	
	b) Is it on a line normal to NH	Not Applicable	
	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.	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 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts. Mention the proposed details	Not Applicable	
	h) Mention the methodology proposed for crossing of road for the proposed sewage/Gas pipeline. Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type The casing/conduit pipe shall be	Not Applicable	





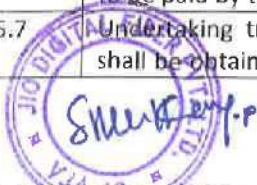
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	installed with an even bearing throughout its length and in such a manner as to prevent the formation of a water way along it	Not Applicable	
2	Document/Drawings to be enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of trench for open trenching method	Enclosed	
	Is it normal size of 1.2m deep x 0.3 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	Yes	
	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/Gas pipeline chainage, width of ROW, distance of proposed pipe line from the edge of ROW, important mile stone, intersections, cross drainage works etc.	Strip plan showing all the details is enclosed	
2.4	Methodology for laying of the Utility pipeline	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	



## 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 pipeline through CD works and method of laying In cases where the carrying of gas pipeline 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	<b>Affidavit/Undertaking from the Applicant for following is to be furnished</b>		
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	





## CHECK - LIST

	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 Gas pipeline 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 Gas pipe 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 Gas pipeline would be extremely difficult and unreasonably 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 etc." ii) for 6-laning	Enclosed	



## CHECK - LIST

	<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 Gas Pipeline /duct has also been granted as a right of way concessionaire under the concession agreement for up gradation of ----- section from Km. ----- to km ----- of NH no. - ----- on Build, Operate and Transfer basis and therefore the licensee shall 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, Chittoor	
	b) On behalf of MoRTH/NHAI	Executive Engineer (R&B), NH Division, Chittoor	
10	Who will ensure that the defects in road portion after laying of utility pipeline 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, Chittoor	
	d) On behalf of MoRTH/NHAI	Executive Engineer (R&B), NH Division, Chittoor	
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	

**Shri. Sreekanth Pinninti**  
RoW-Lead

Name, Designation and Signature of the  
Authorized representative of applicant



(Name Designation and Signature of  
concerned field authority of NHAI/PWD/BRO  
**EXECUTIVE ENGINEER  
(R & B) N.H. DIVISION  
CHITTOOR.**



## ANNEXURE - I

### Calculation of License Fees & Bank Guarantee Amount

Proposal for granting of permission for Laying of Optical Fiber Cable (OFC) along NH-42 (Uravakonda-Anantapur-Krishnagiri road) from Km 240/700 to 248/700, for a total route length of 8,000 meters in Madanapalli Bye Pass road, Chittoor District of Andhra Pradesh under the Jurisdiction of R&B, NH-Division, Chittoor

Sl. No.	Name of Village	Chainage		Length route Mtrs.	Width Mtrs.	Utilized NH Land Area Sq. Mtrs.	Prevailing Circle rate of Land in Rs./Acre (As per Revenue Records)	Prevailing Circle rate of Land in Rs./Sq.Mtrs. (Rate per Acre/4046.86)	Amount Rs.	Remarks
		from km	to km							
1	Madanapalle Bye-Pass road	240.700	248.700	8,000	0.08	640.00	53,24,000	1,315.59	8,41,976	
				8,000		640.000				
Total Amount										
						License Fees (Rs./month) =	8,41,976 /10x12		8,41,976	
						Total License Fees for 5 years =	7,016 x12x5		7,016	
									4,20,988	
Total License Fees payable by M/s Reliance Jio for Laying of Public Utility Service (Telecom Cables) ----->										
(For Public Utility 33% of Industrial Utilities as per point No. 5 of MoRTH gude lines vide letter No. RW/NH-33044/29/2015/S&R(R) Dated: 22nd November, 2016,33%)										
							4,20,988	33%	1,38,926	
Performance Bank Guarantee Amount = 8,00,000/-										
Performance Bank Guarantee Amount calculation										
Amount of Performance Bank Guarantee to be submitted = Total No. of route meters x Rs. 100/- per route meter (<= 300 mm dia/width)										
I.e. 8,000 x Rs. 100/- = 8,00,000/-										

S. N. S. S.



**EXECUTIVE ENGINEER  
(R & B) N.H. Division  
CHITTOOR.**



## REGISTRATION & STAMPS DEPARTMENT

GOVERNMENT OF ANDHRA PRADESH

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### UNIT RATES - VILLAGE WISE

District Name **CHITTOOR** Mandal Name **MADANAPALLE**  
City/Town/Village **MADANAPALLE (RURAL)** Survey No.  [To view Survey No. Wise Details](#)

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	MADANAPALLE RURAL	Dry land	3,885,000	01/08/2018
2.	MADANAPALLE RURAL	Wet Land double crop	3,990,000	01/08/2018
3.	MADANAPALLE RURAL	Coconut Garden	1,848,000	01/08/2018
4.	MADANAPALLE RURAL	Agricultural Land fit for H.S.	10,648,000	01/08/2018
5.	MADANAPALLE RURAL	Land abutting NH/SH/ZPP/MPP	5,324,000	01/08/2018

[Back](#)

**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 adhocy due to anomalies.

2.For further details contact Sub Registrar office

**MADANAPALLE,**

1-424,Banglore Road.

BANGLORE ROAD, Madanapalli

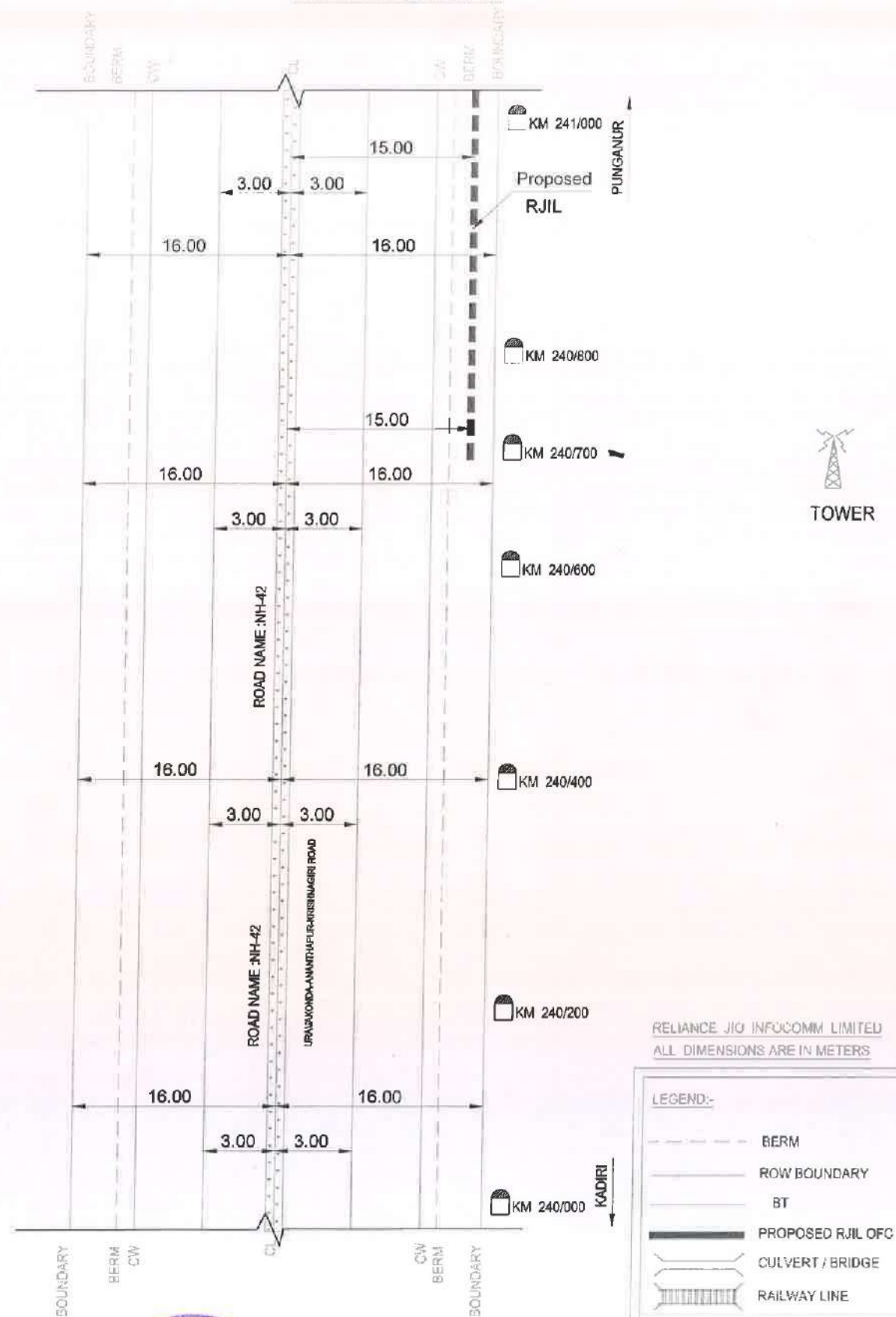
Madanapalli

Phone : 223581





SHEET NO .01



RELIANCE JIO INFOCOMM LIMITED  
ALL DIMENSIONS ARE IN METERS

**LEGEND:-**

BERM

ROW BOUNDARY

BT

PROPOSED RJIL OFC

CULVERT / BRIDGE

RAILWAY LINE

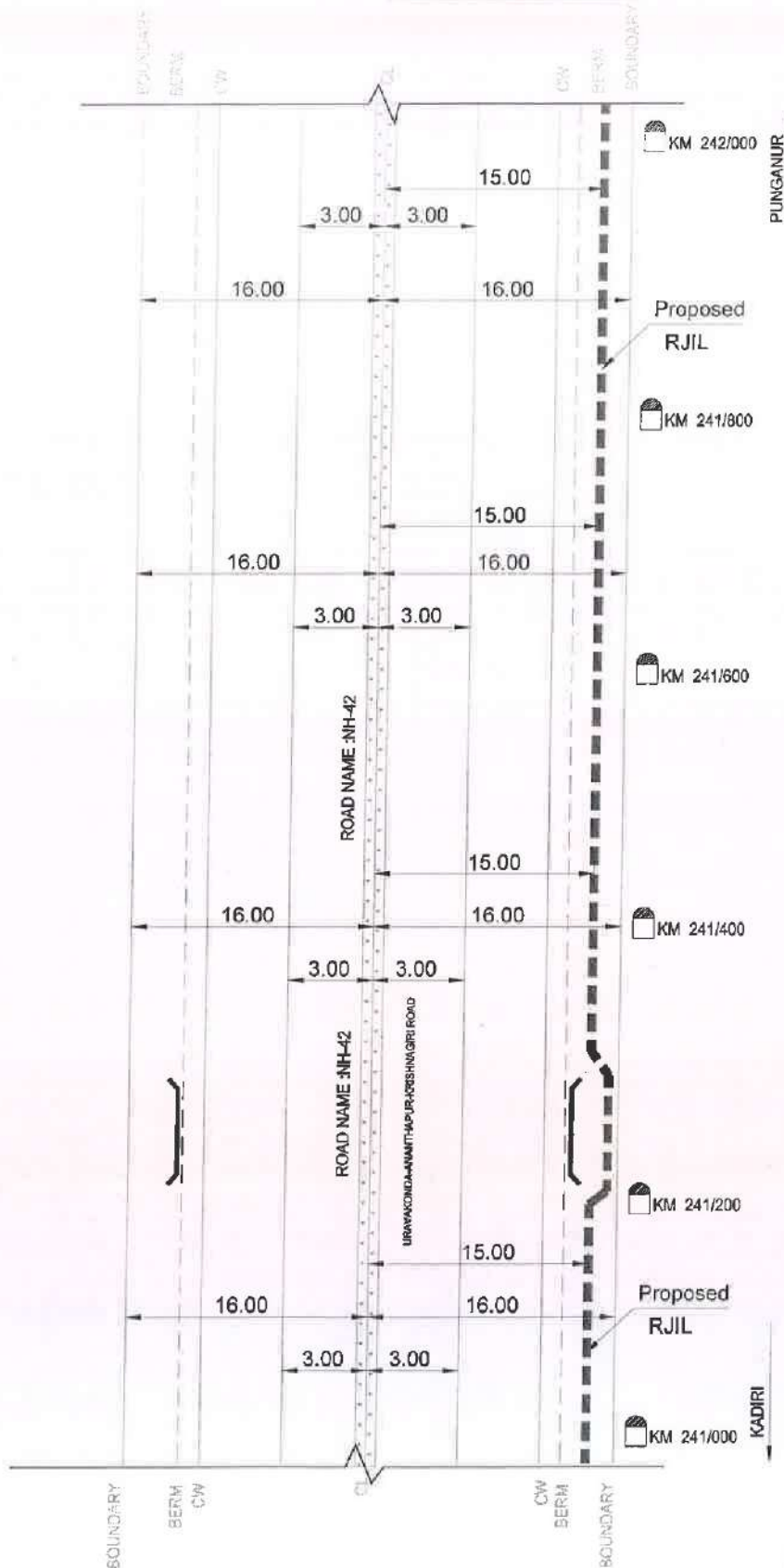
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ROW PLAN FOR MADANAPALLI-KANDUR  
ROAD NAME : NH-42

SHEET NO .02



RELIANCE JIO INFOCOMM LIMITED  
ALL DIMENSIONS ARE IN METERS

LEGEND:-

- BERM
- ROW BOUNDARY
- BT
- PROPOSED RJIL OFC
- CULVERT / BRIDGE
- RAILWAY LINE

SCALE

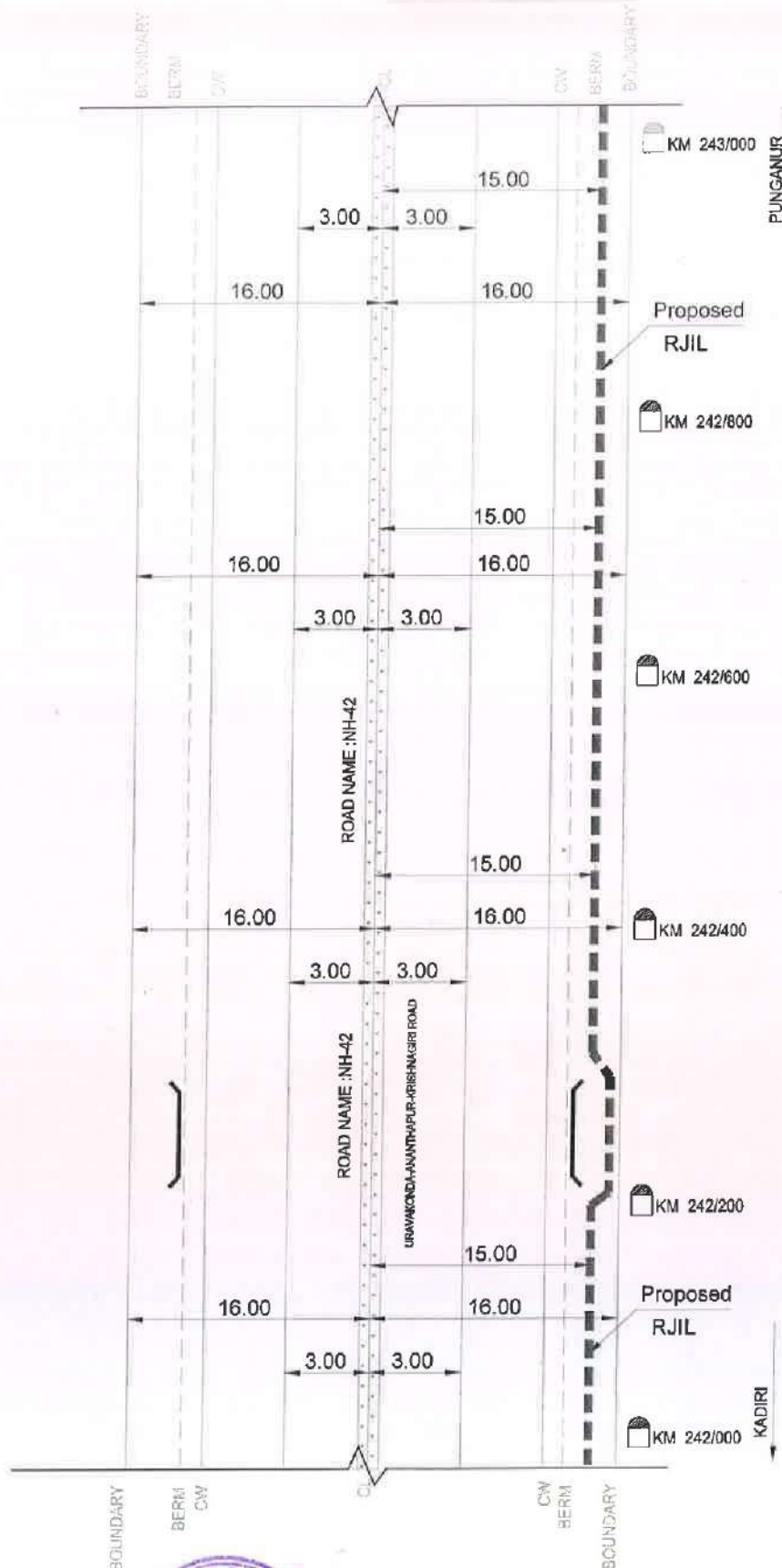
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# ROW PLAN FOR MADANAPALLI-KANDUR ROAD NAME : NH-42

SHEET NO .03



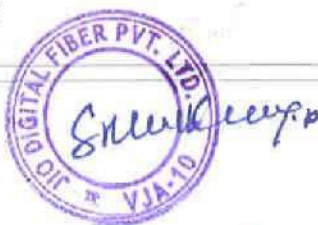
RELIANCE JIO INFOCOMM LIMITED  
ALL DIMENSIONS ARE IN METERS

## LEGEND:-

- BERM
- ROW BOUNDARY
- BT
- PROPOSED RJIL OFC
- CULVERT / BRIDGE
- RAILWAY LINE

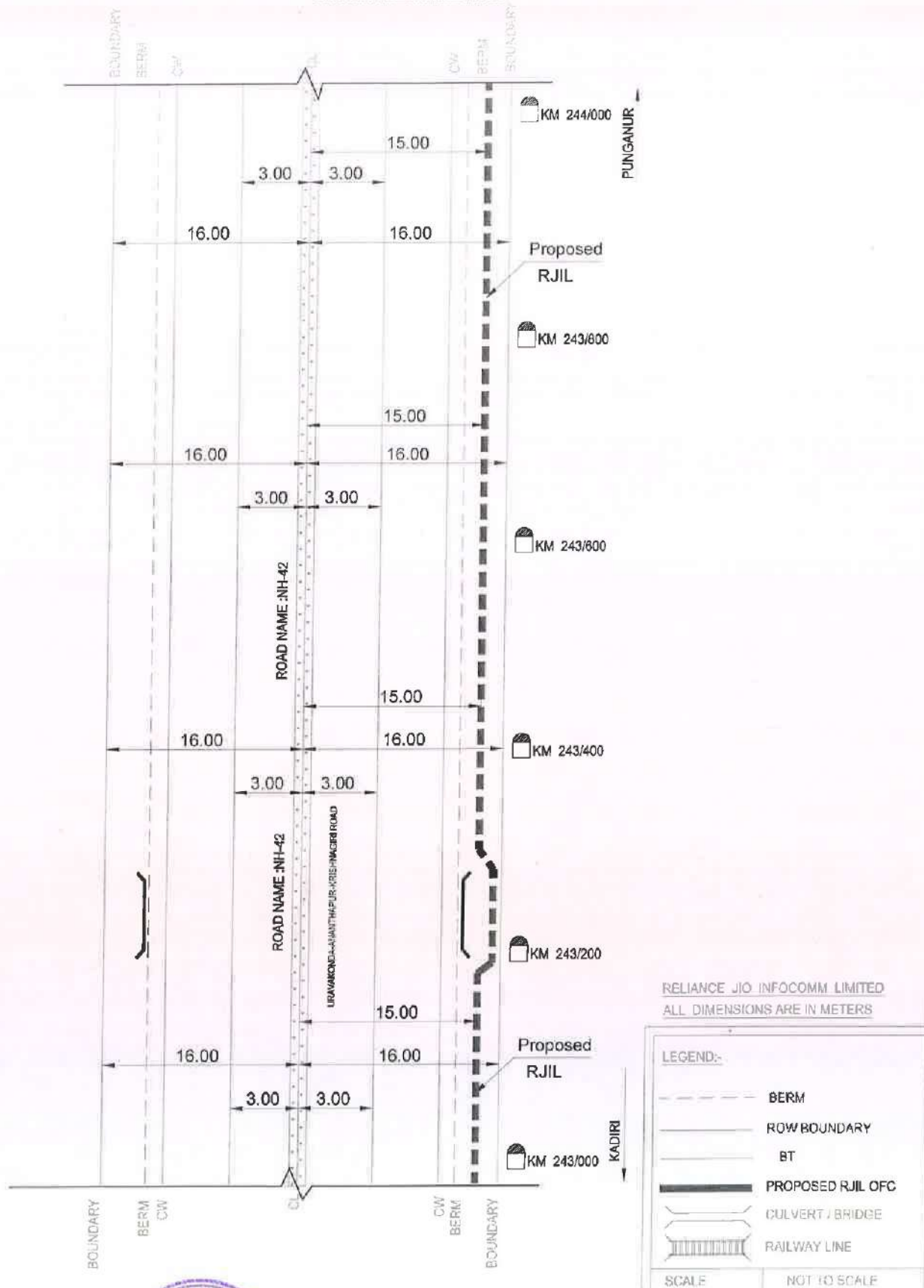
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ROW PLAN FOR MADANAPALLI-KANDUR  
ROAD NAME : NH-42

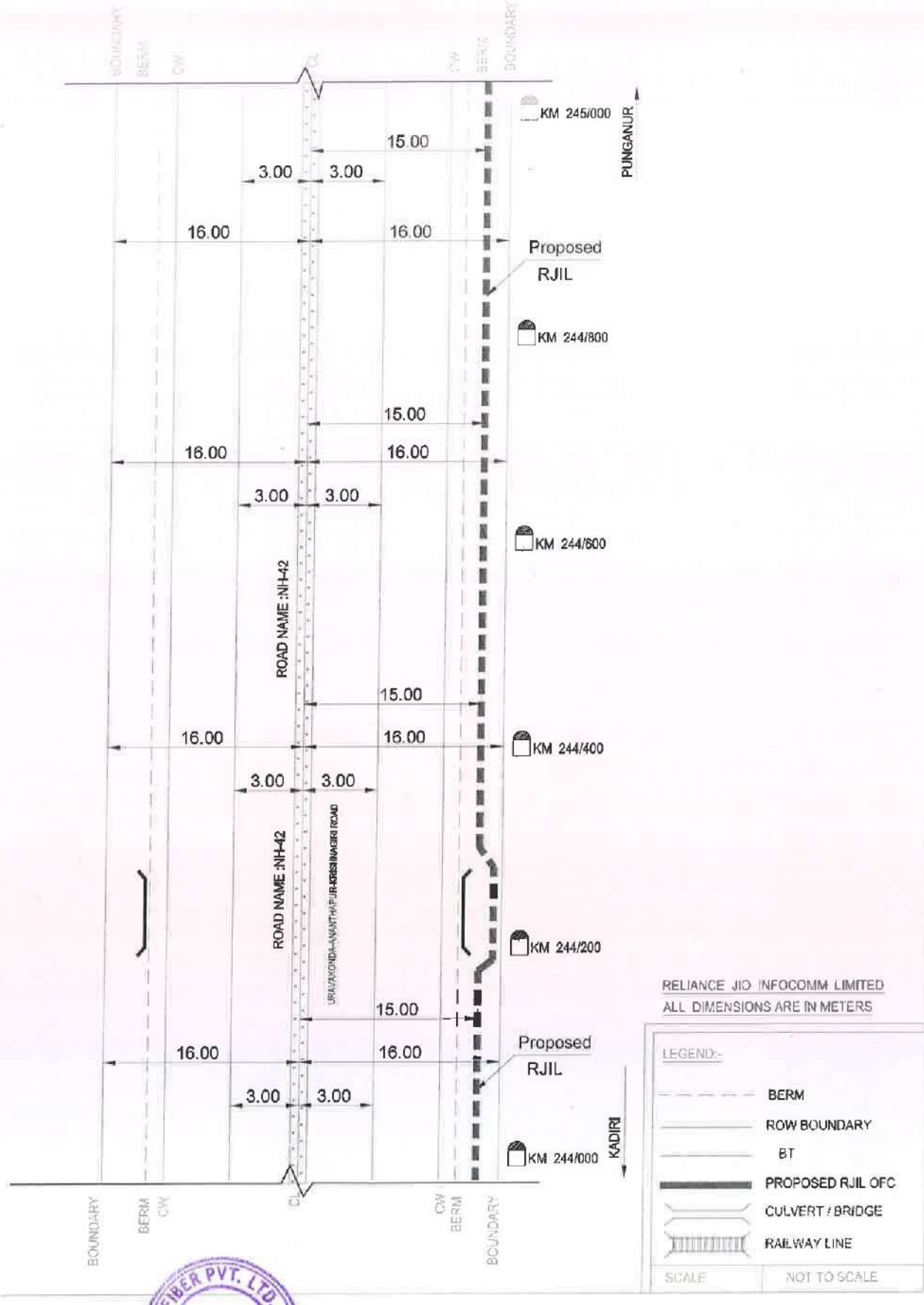
SHEET NO .04



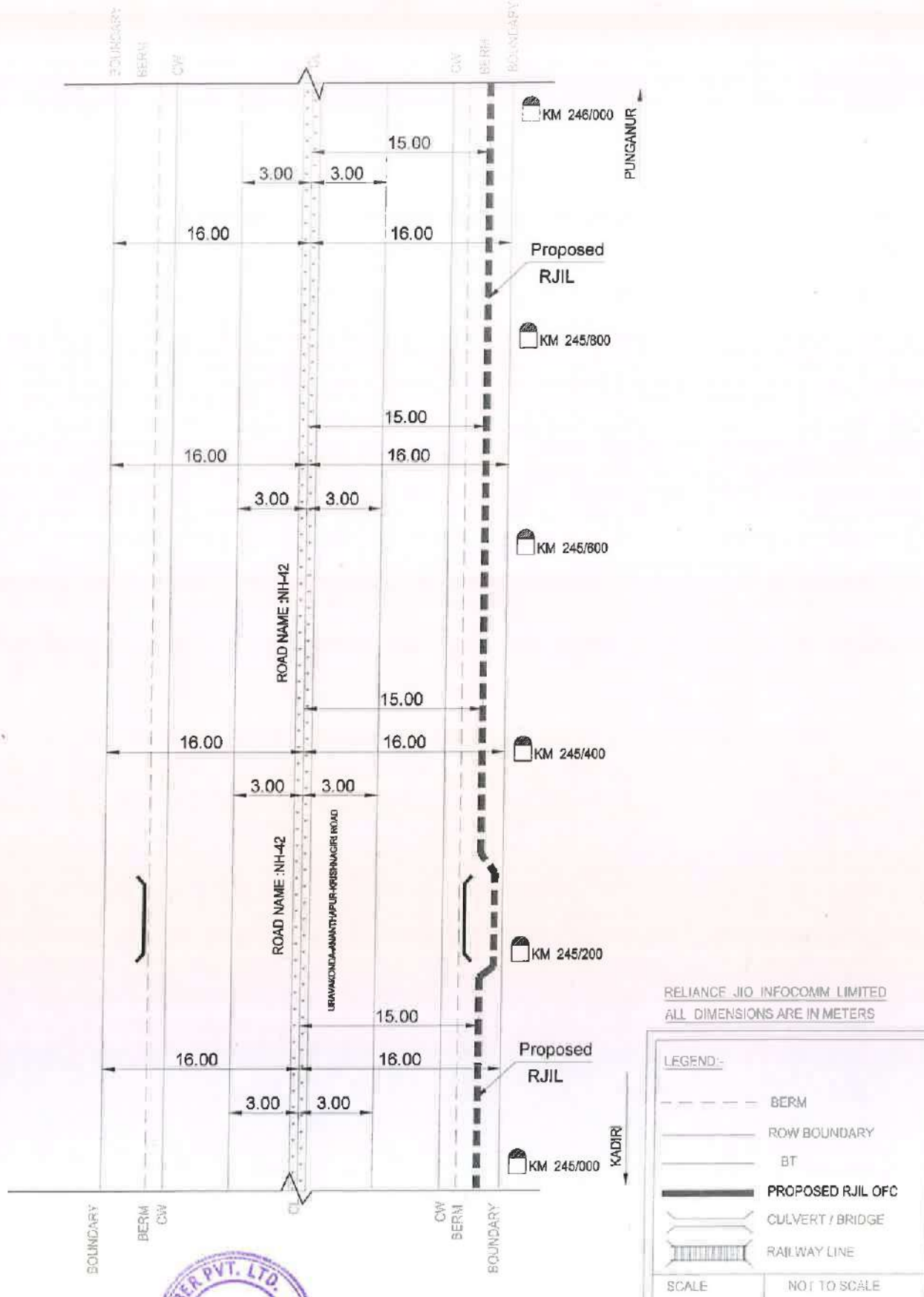


# ROW PLAN FOR MADANAPALLI-KANDUR ROAD NAME : NH-42

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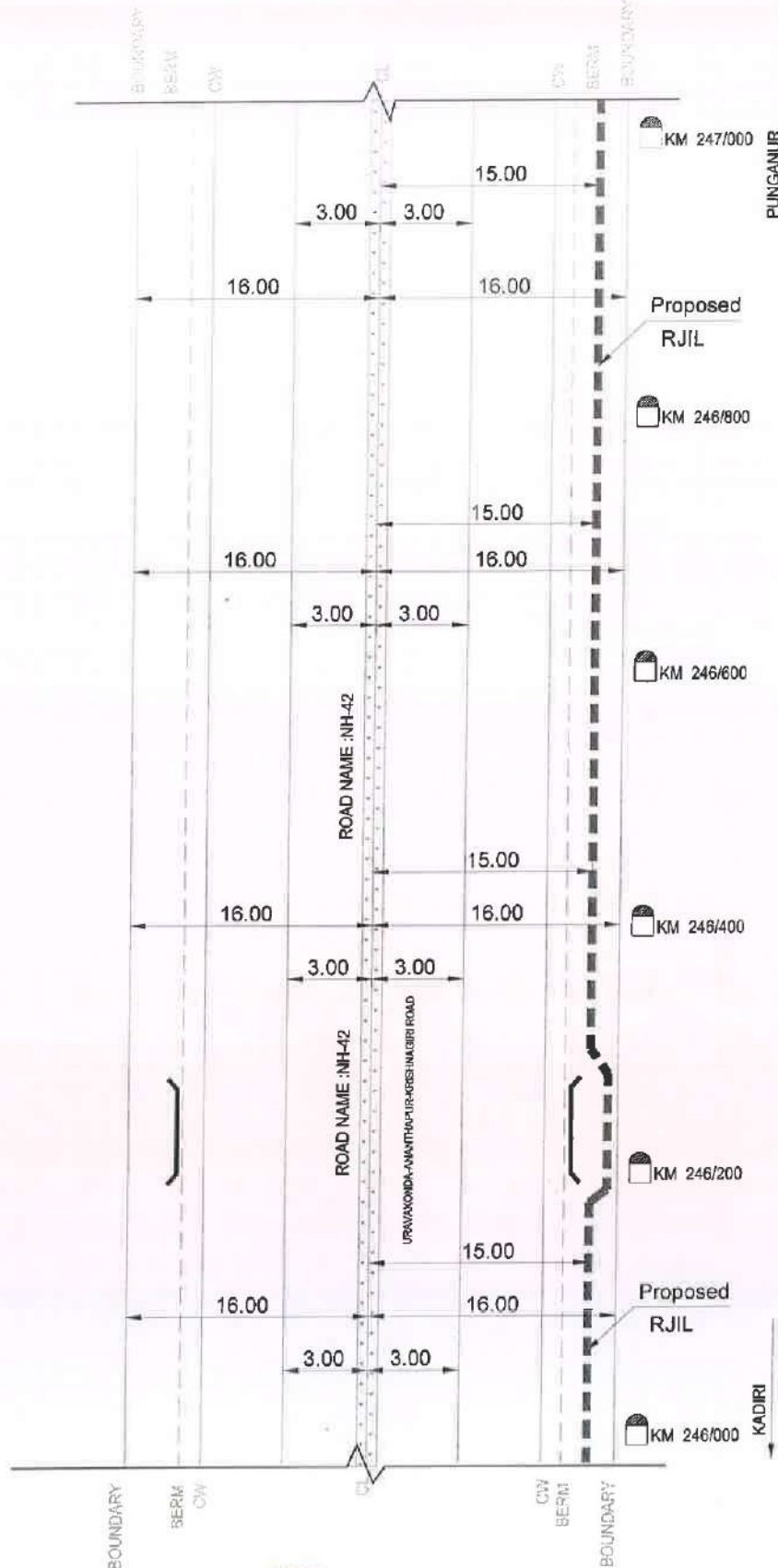
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ROW PLAN FOR MADANAPALLI-KANDUR  
ROAD NAME : NH-42

SHEET NO .07



RELIANCE JIO INFOCOMM LIMITED  
ALL DIMENSIONS ARE IN METERS

LEGEND:-

- BERM
- ROW BOUNDARY
- BT
- PROPOSED RJIL OFC
- CULVERT / BRIDGE
- RAILWAY LINE

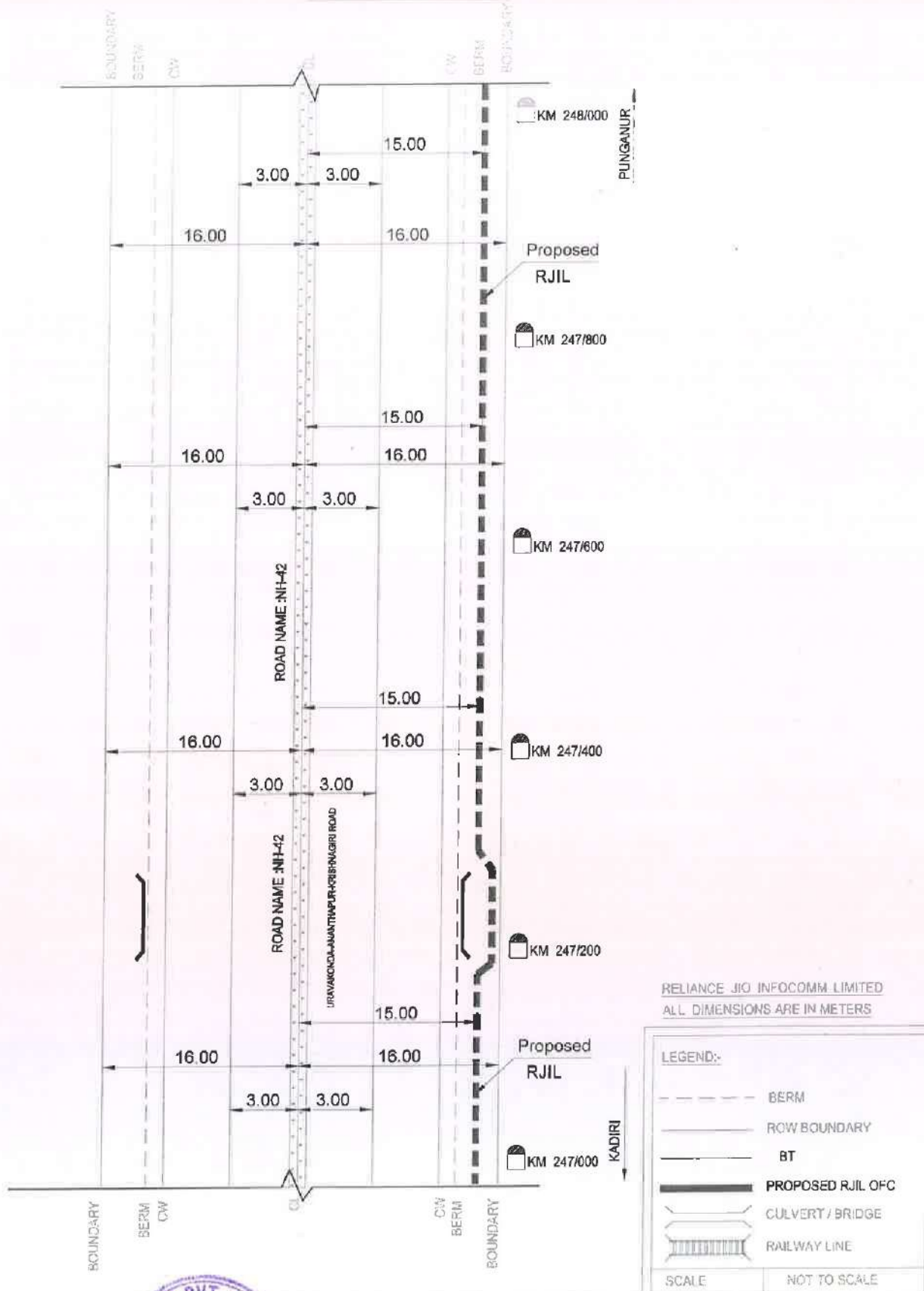
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ROW PLAN FOR MADANAPALLI-KANDUR  
ROAD NAME : NH-42

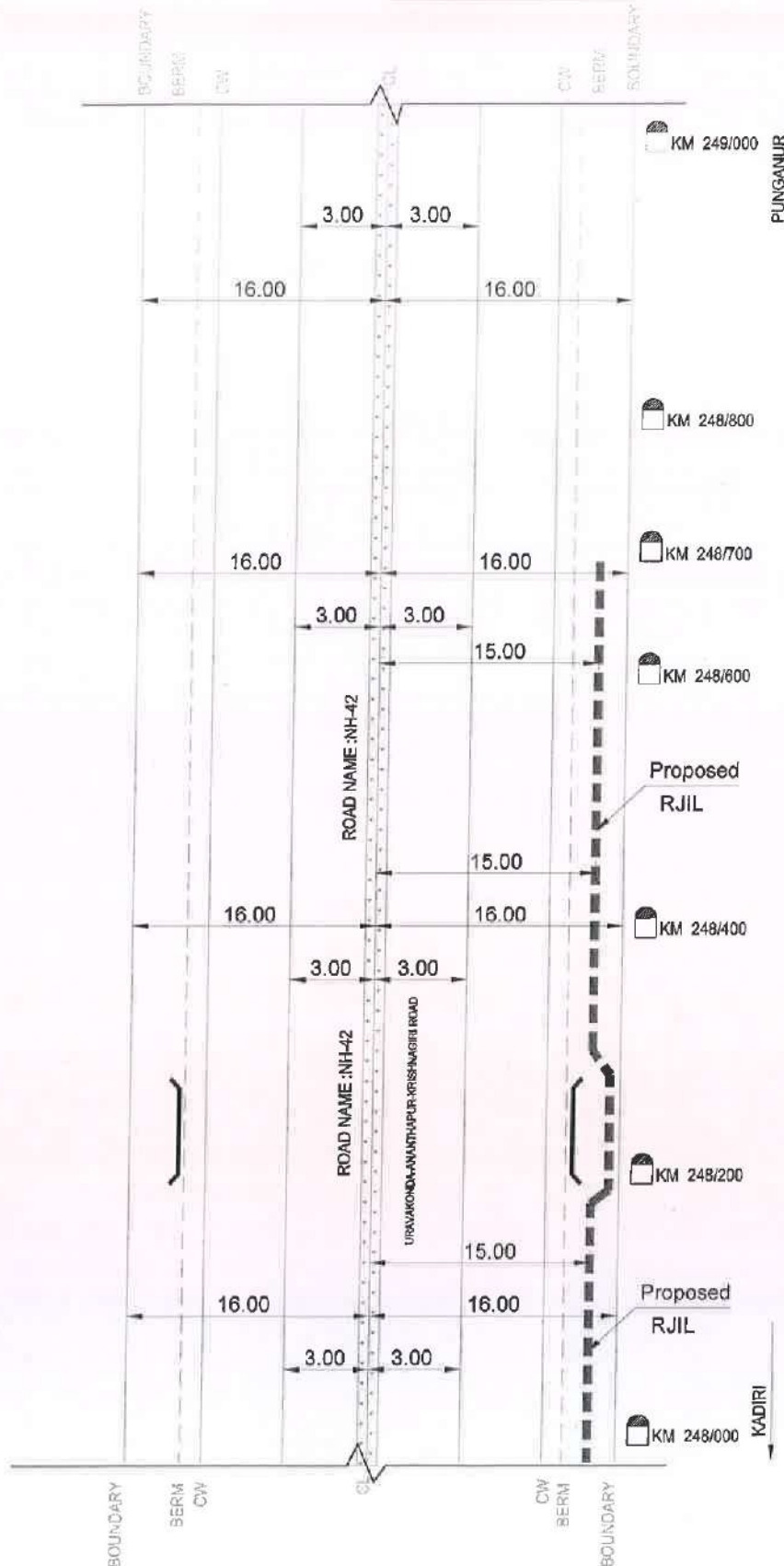
SHEET NO .08





# ROW PLAN FOR MADANAPALLI-KANDUR ROAD NAME : NH-42

SHEET NO .09



*21/09/2020*  
**EXECUTIVE ENGINEER  
(R & B) N.H. Division  
CHITTOOR.**

RELIANCE JIO INFOCOMM LIMITED  
ALL DIMENSIONS ARE IN METERS

## LEGEND:-

- BERM
- ROW BOUNDARY
- BT
- PROPOSED RJIL OFC
- CULVERT / BRIDGE
- RAILWAY LINE.

SCALE

NOT TO SCALE

