

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: 22.02.2022

Invitation of Public Comments

Sub: Proposal for Permission for laying Optical Fibre cable (OFC) along the road Nh-42 by M/s Telesonic Networks Limited from km 228.600 to km 242.600 (RHS) of NH-42 (Uravakonda-Krishnagiri section) for a total length of 14000mtrs in Chittoor 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 19.01.2022 for laying Optical Fibre cable (OFC) along the road NH-42 by M/s Telesonic Networks Limited from km 228.600 to km 242.600 (RHS) of NH-42 (Uravakonda-Krishnagiri section) for a total length of 14000mtrs in Chittoor 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 & 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, 1-8-437, 438, 364 & 445, Splendid towers, Opp. Begumpet police station, Hyderabad - 500016, Telangana.

INSPECTION REPORT

I have inspected site on Date: 14-06-2021 for "Proposal for granting of permission for Telecom Cables/OFC/ducts along Uravakonda Krishnagiri Section of NH-42 road from Km 228.600 to Km 242.600 (RHS) for the total length of 14000mts in Chittoor District of Andhra Pradesh under the Jurisdiction of R&B , NH Division, Chittoor." by M/s Telesonic Network Ltd. The following points were observed and mentioned below.

1. The total length of OFC Proposed is 14000 Mts (14000 Mts on R/s of road by HDD only)
2. The M/s Telesonic Network Ltd. has Proposed to lay OFC by HDD (at a depth of 1.65 Mts below ground level) to a length of 14000 Mts
3. The ROW of the road varies from 15 Mts to 22 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 for relocation of pipe line in case 4/6-Lanning of the road ,and undertaking 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.


14/06/2021
Assistant Executive Engineer
(R&B) N.H. SECTION
MADANAPALLE


14/06/2021
Deputy Executive Engineer
R&B) N.H. SUB - DIVISION
MADANAPALLE



29/6/21
EXECUTIVE ENGINEER
(R & B) N.H. Division
CHITTOOR.


Superintending Engineer
(R & B) NH Circle, Anantapur

CERTIFICATE

1. Undersigned has examined the proposal of the applicant M/S Telesonic Networks Limited, Hyderabad for "Laying of optical Fiber cable Km 228/600 to Km 242.600 (RHS) for the total length of 14000 Mts in Chittoor District" and confirm that all standard conditions issued vide MoRT&H memo. No. RW/NH/330044/2015/S&R(R), Dt: 22.11.2016.
2. It is certified that any other location of Utility line would be extremely difficult and unreasonable costly and installation of utility lie within RoW will not adversely affect design, stability and traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing 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 record of previous approval, if any has been considered and copy of same is enclosed with the proposal.


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29/12/21
EXECUTIVE ENGINEER
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CHITTOOR.


27/1/2022
Superintending Engineer
(R & B) NH Circle, Anantapuramu.

SPECIFICATION REPORT

Specification report to accompany the estimate towards licence fee for laying OFC along NH-42 from Km 228/600 to Km 242.600 (RHS) for the total length of 14000 Mts in Chittoor District of Andhra Pradesh under (R&B) NH Division, Chittoor.

Estimate Amount:

License Fee: Rs.1,28,205/-

Bank Guarantee: Rs.14,00,000/-

The Authorized signatory of Telesonic Networks Limited, has requested to accord permission for laying OFC along NH-42 from Km 228/600 to Km 242.600 (RHS) for the total length of 14000 Mts in Chittoor District of Andhra Pradesh under (R&B) NH Division, Chittoor.

The Land rates have been obtained from official website of registration & Stamp department, Government of Andhra Pradesh and copy of the same is attached herewith.

Further, the license fee and Bank Guarantee amount have been worked out as per the MoTR&H circular memo. No. RW/NH/330044/2015/S&R(R), Dt:22.11.2016.


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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	Telesonic Networks Limited, 1-8-437, 438, 364 & 445, Splendid Towers, Opp. Begumpet Police Station, Hyderabad-500016.	
1.2	National Highway Number	NH-42	
1.3	State	Andhra Pradesh	
1.4	Location	Kandlamadagu to Madanpalli	
1.5	(Chainage in km.)	Km.228.600 to Km.242.600 (RHS)	
1.6	Length in Meters	14000 Meters	
1.7	Width of available ROW		
	(a) <u>Left side</u> from center line towards increasing chainage/ km direction	15 Meters	
	(b) <u>Right side</u> from center line towards increasing chainage/ km direction	15 Meters	
1.8	Proposal to lay the utility		
	(a) Left side from center line towards increasing chainage/km directions	NA	
	(b) Right side from center line towards increasing /km direction	Km.228.600 to Km.242.600	
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	NA	
	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	NA	
	(b) Right side from center line	NA	
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	NA	



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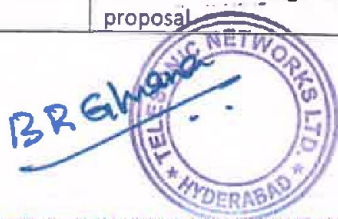
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1.17	Whether carrying of sewage/OFC has been proposed on highway Bridges. If yes, then mention the methodology proposed for the same.	No, Utility (OFC) not proposed on Bridges.	
1.18	Whether carrying of sewage/OFC has been proposed on the parapet/any 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	No crossing	
	a) Whether the existing drainage structures are allowed to carry the OFC	No	
	b) Is it on a line normal to NH	No	
	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	Not 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	Not Applicable	
	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	Not Applicable	
2	Document/Drawings to be enclosed with the proposal	Enclosed	

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2.1	Cross section showing the size of trench for open trenching method	Not Applicable	
	Is it normal size of 1.5m deep x 0.3 m wide	Not Applicable	
	i) should not be greater than 60 cms wider than the outer diameter of the pipe	Not Applicable	
	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	Not Applicable	
	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	Not Applicable	
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- HDD method only	
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	Not Applicable	
	a) The trench width should be at least 30 cms, but not more than 60 cms. wider than the outer diameter of the pipe	Not Applicable	
	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.	Not Applicable	
	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	Not Applicable	



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	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.	Not Applicable	
	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.	Not Applicable	
	f) The excavation shall be protected by flagman, Signs and barricades and red lights during night hours.	Not Applicable	
	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	Yes, Enclosed	
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 Telesonic Networks Ltd	
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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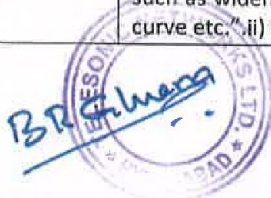
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	of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.		
5.8	Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the NH by laying, maintenance or shifting 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	Manager, Telesonic Networks 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	

[Signature]
**EXECUTIVE ENGINEER
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[Enclosure] Ministry Circular No. RW/NH-33044/27/2015-S&R(R) dated 22.11.2016]
 Format for Maintaining Records of Right-of-Way permission granted for laying OFC
 (to be maintained separately for every NH and State)

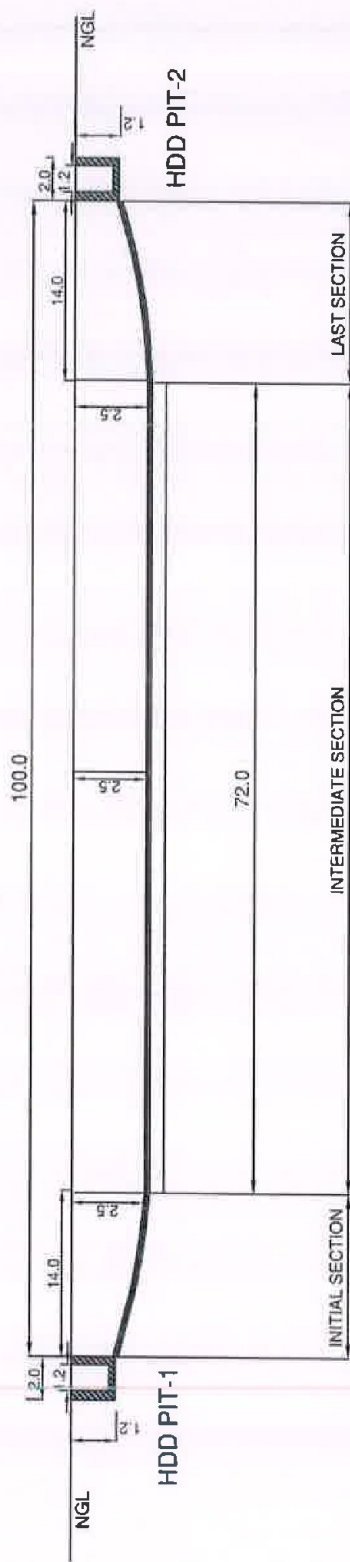
: Andhra Pradesh
 : NH R&B, Chittoor
 : NH-42

1 Name of State
 2 Name of Agency
 3 NH Number

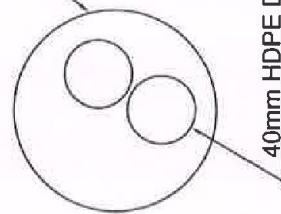
S.No	Location (change in Km)	Left or right side of NH (towards increasing chainage/km direction)	Section and reach	Kind of service	Name of license and contact address	Date of signing of agreement	Date of validity of agreement	Date of last inspection of site	Any deviation from MOST standard norms	Remarks
1	Km.228.600 to Km.242.600	RHS	Kandlamadagu to Madanpalli	Telecom	Telesonic Networks Ltd, 1-8-437,438,364 & 445, Splendid Towers Opp. Begumpet Police Station, Hyderabad-500016				No	



Typical Cross Sectional For HDD



Bore Dia 100mm



Deenathirum
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Methodology of OFC Laying

Methods:

- Trench less technology by Horizontal Directional Drilling (HDD) Method
- Crossings

Installation of OFC Ducts by Trenchless Techniques (e.g. by HDD)

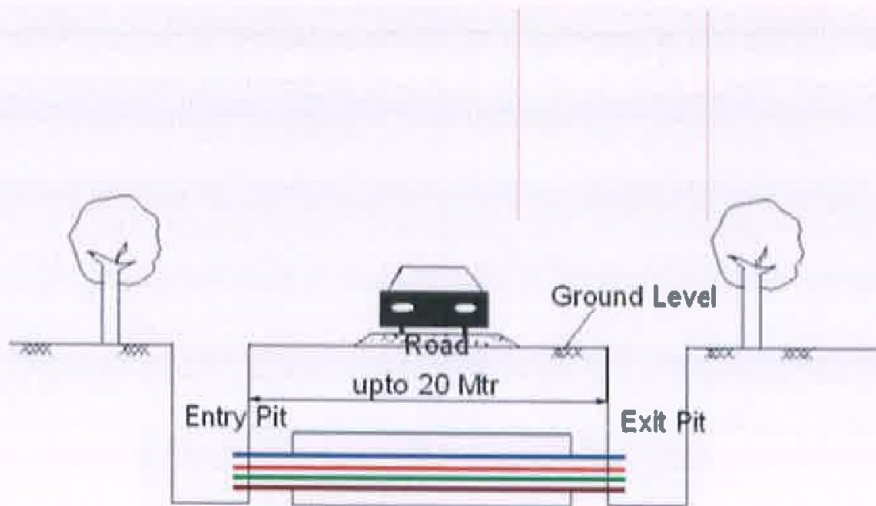
For the process of HDD excavation of only 2 pits each of standard size 1X1X1.65M is required which is called Entry pit and exit pit. Pit size may vary based on the site condition. The first stage drills a pilot hole on the designed path, and the second stage (reaming) enlarges the hole by passing a larger cutting tool known as the reamer. The reamer's diameter depends on the size of the duct (HDPE duct in our case) to be pulled back through the bore hole. The driller increases the diameter according to the outer diameter or the conduit and to achieve optimal production. The third stage places the Duct (2 ducts of 40mm dia each) in the enlarged hole by way of the drill stem; it is pulled behind the reamer to allow cantering of the Duct in the newly reamed path. Pit size may vary based on site condition. Entry and exit pits shall be dug at both ends of the segment which shall later on become either a location for man-hole/hand-hole. The drilled hole profile between entry and exit pits (except transition areas) shall be as straight as possible.

High Ways/Roads/Railway/Bridge Crossings

Highways /Roads/railway crossings may be crossed by trenchless technique (HDD/Mouling) appropriate / approved by the authorities (refer typical sketches below). Moiling method is generally not suitable for crossing width of more than 20 meters. For such crossings only HDD should be used when trenchless technique only is approved by authorities.



Methodology of OFC Laying



SINGLE ROAD CROSSING BY MOILING / BORING

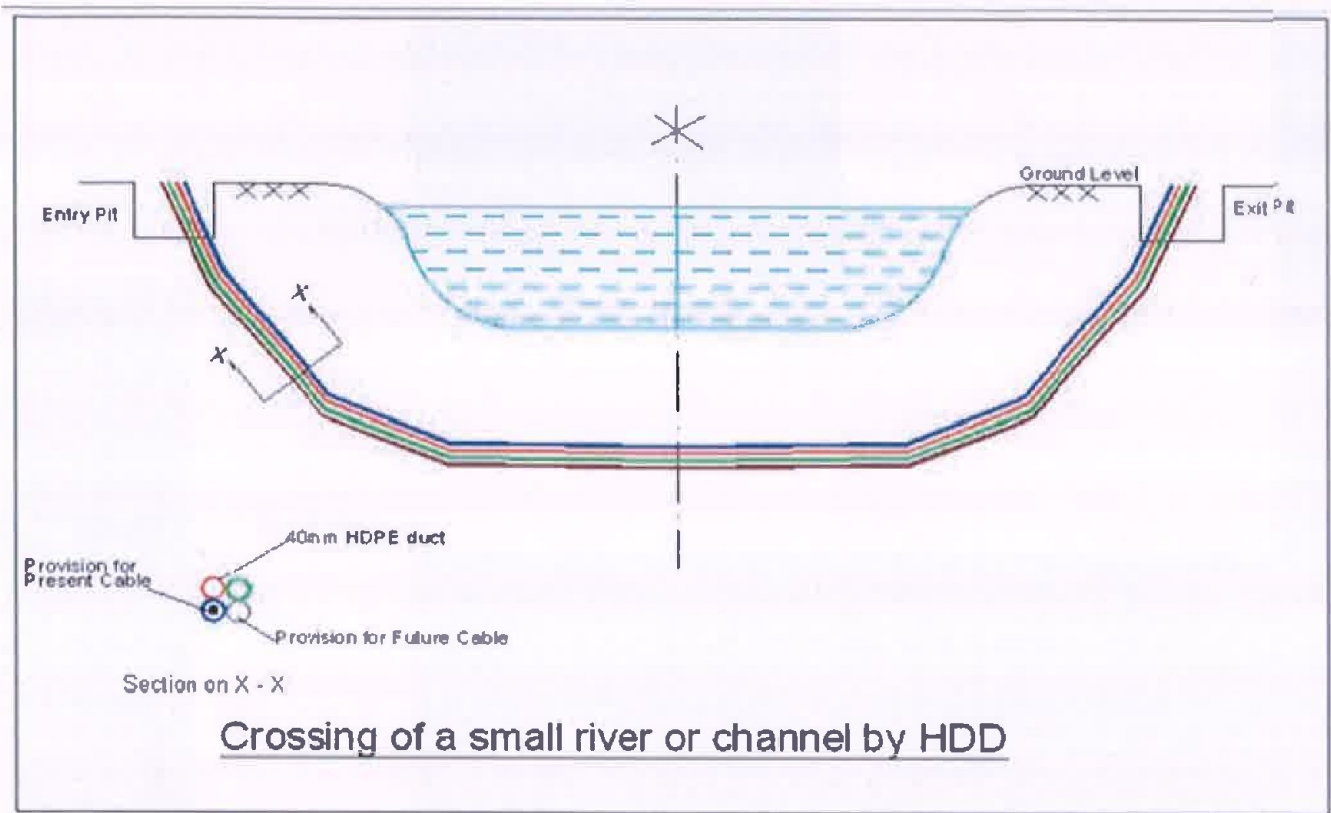
Water Body Crossing

Water bodies and other natural obstructions can be crossed by open-cut method, trenchless techniques. In all cases, installation technique shall be such that protection of HDPE ducts is ensured. Necessary protection should be provided.



Methodology of OFC Laying

Pit size of HDD will be 1.5X1.5X1.65m depth



Crossing by Open-cut method

- i) Open cut method is used when installation on bridge / culvert is not available. This method however is more suited to seasonal water bodies (prone to flowing water such as nala/ stream/ river/ canal etc.) which may be completely / partially dry during installation period. This method can also be used for small water bodies where it is possible to divert water for a short period of installation.
- ii) In case there is only one Hume pipe up to 600mm dia used as a culvert to equalise the water level on both side of road. The duct can be laid at a min depth of 1.65 m without any protection for more than one 600mm dia and all sizes of Box-culverts, ducts shall be installed as clause iii) below
- iii) In Case the water body bed is not rocky (i.e. normal soil is present), a trench 2.0 meter below the bottom of culvert bed shall be dug out and DWC pipe of suitable size shall be installed inside the trench. In case the bed is rocky then minimum depth of trench shall be 1.5 m. 50mm thick sand padding (covering highest point on the trench bottom

BR Sharma

TELEPHONE NETWORKS
HYDERABAD

Methodology of OFC Laying

surface) shall be provided before installing DWC pipe.

Route Markers

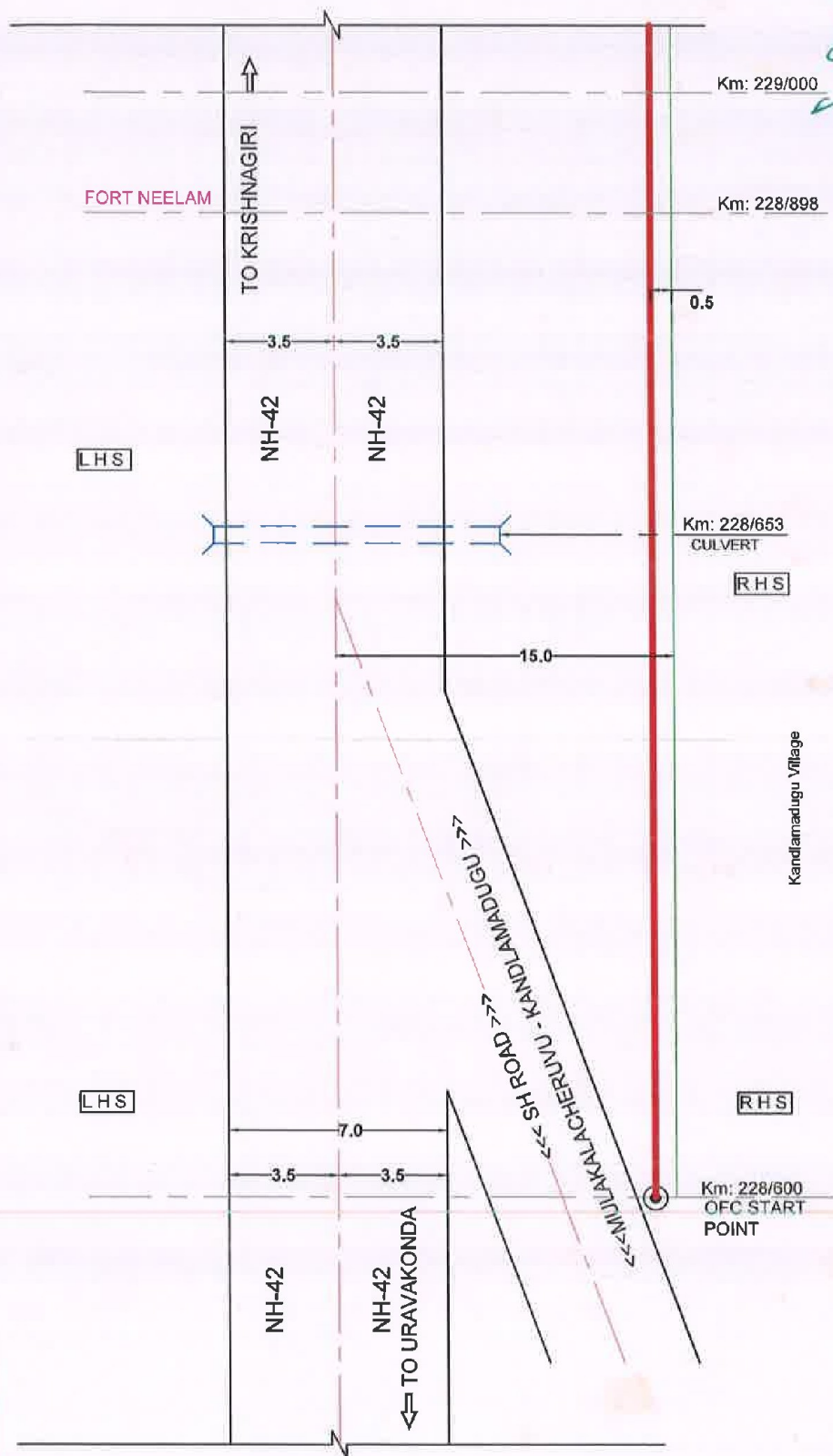
Route markers made of RCC (1:2:4) shall be provided at a distance of every 250 meters or wherever there are crossings or major deviation in the route from being straight. Additionally route markers shall be installed on both sides of the crossing. Route markers shall also be put at duct coupler locations and man-hole and Handhole locations. Markers shall be of length 1250 mm with base of 100 mm x 250 mm tapering to 100 mm x 200 mm. Name/logo of Owner shall be engraved on the surface of marker. Aboveground surface of route marker shall be painted in Blue colour. Route Markers placed at coupler locations shall be painted yellow. Markers placed at the man-holes shall be painted red in colour. Owner name/logo shall be filled with fluorescent white.

Man Holes/Hand holes

Size of Manholes made of RCC is 1.0m dia and depth 1.1m depth. They will be placed 500mm below GL and will be placed each at 1.0Km distance.

Note: Trenchless technology will be used (e.g.: HDD) wherever available ROW is restricted/Built up areas and utility corridors cannot be conveniently earmarked.





LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:228/600 TO Km: 229/000)

NOTES:

- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
- SECTION LENGTH - 0.400 Km
- SCALE - NTS

APPLICANT:



TELESONIC NETWORK LTD

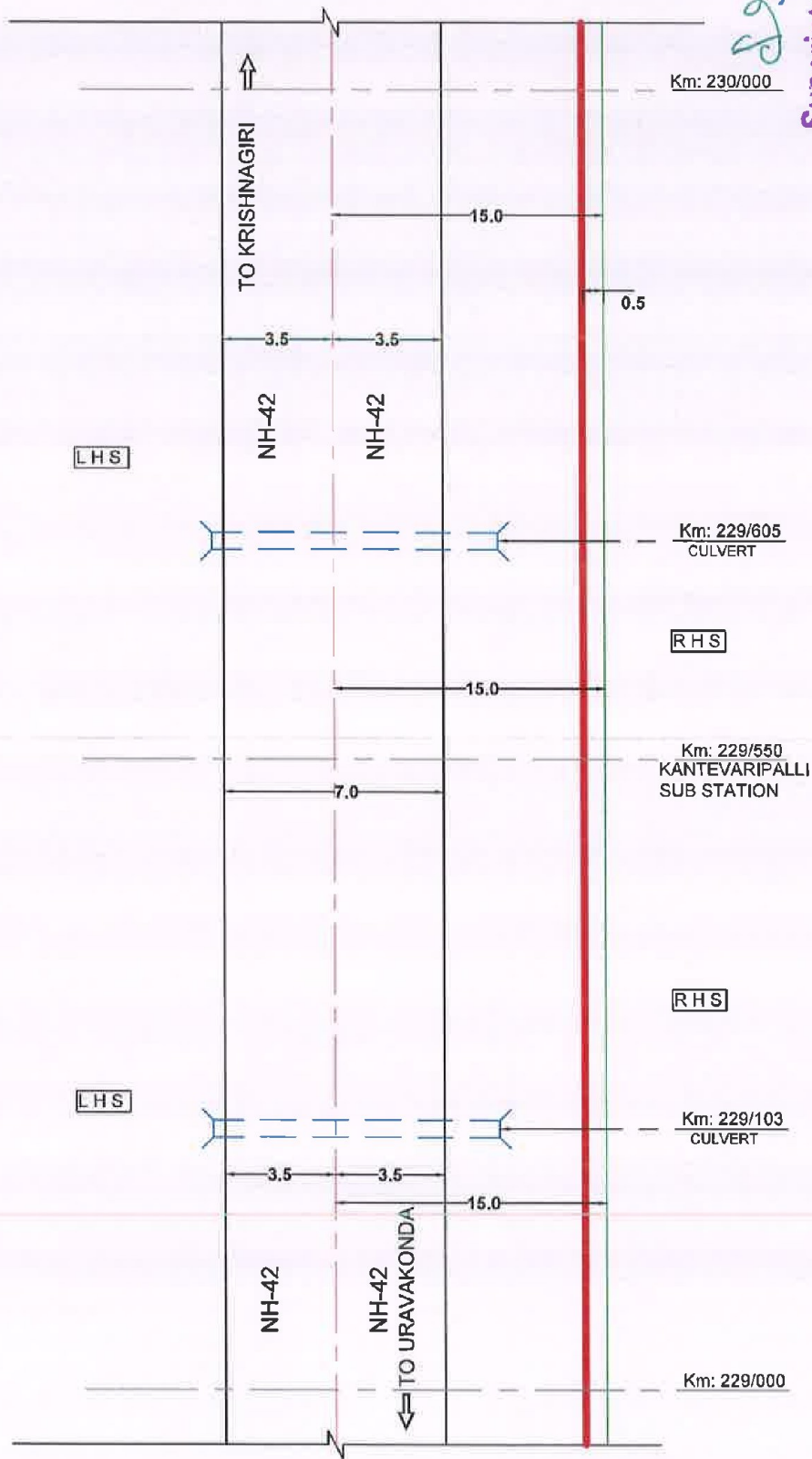
SHEET NO:01

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LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:229/000 TO Km: 230/000)

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 1.000 Km
3. SCALE - NTS

APPLICANT:

airtel

TELESONIC NETWORK LTD

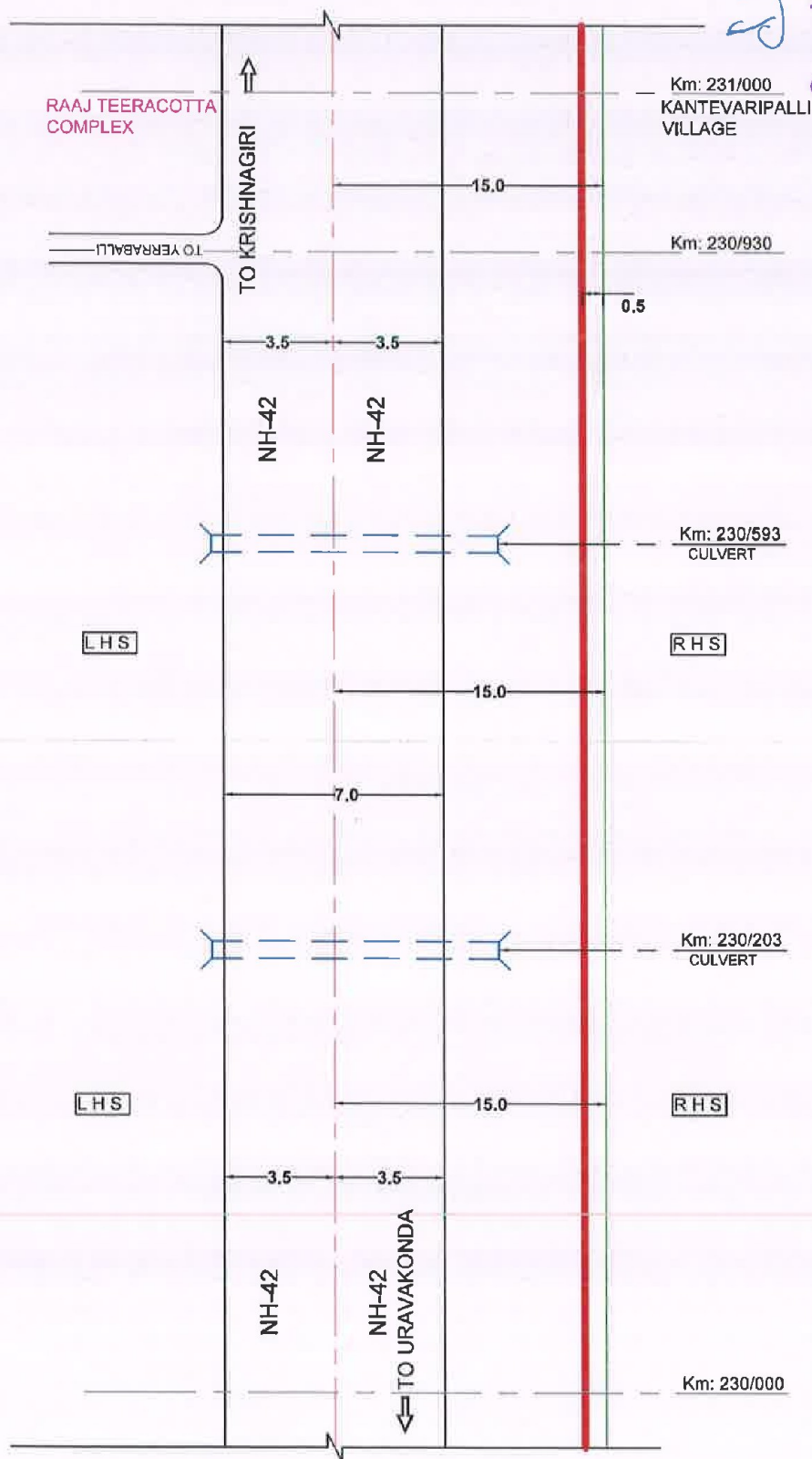
SHEET NO:02

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Superintending Engineer
(R & B) NH Circle, Anantapuramu



LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:230/000 TO Km: 231/000)

NOTES:

- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
- SECTION LENGTH - 1.000 Km
- SCALE - NTS

APPLICANT:

TELESONIC NETWORK LTD



TELESONIC NETWORK LTD

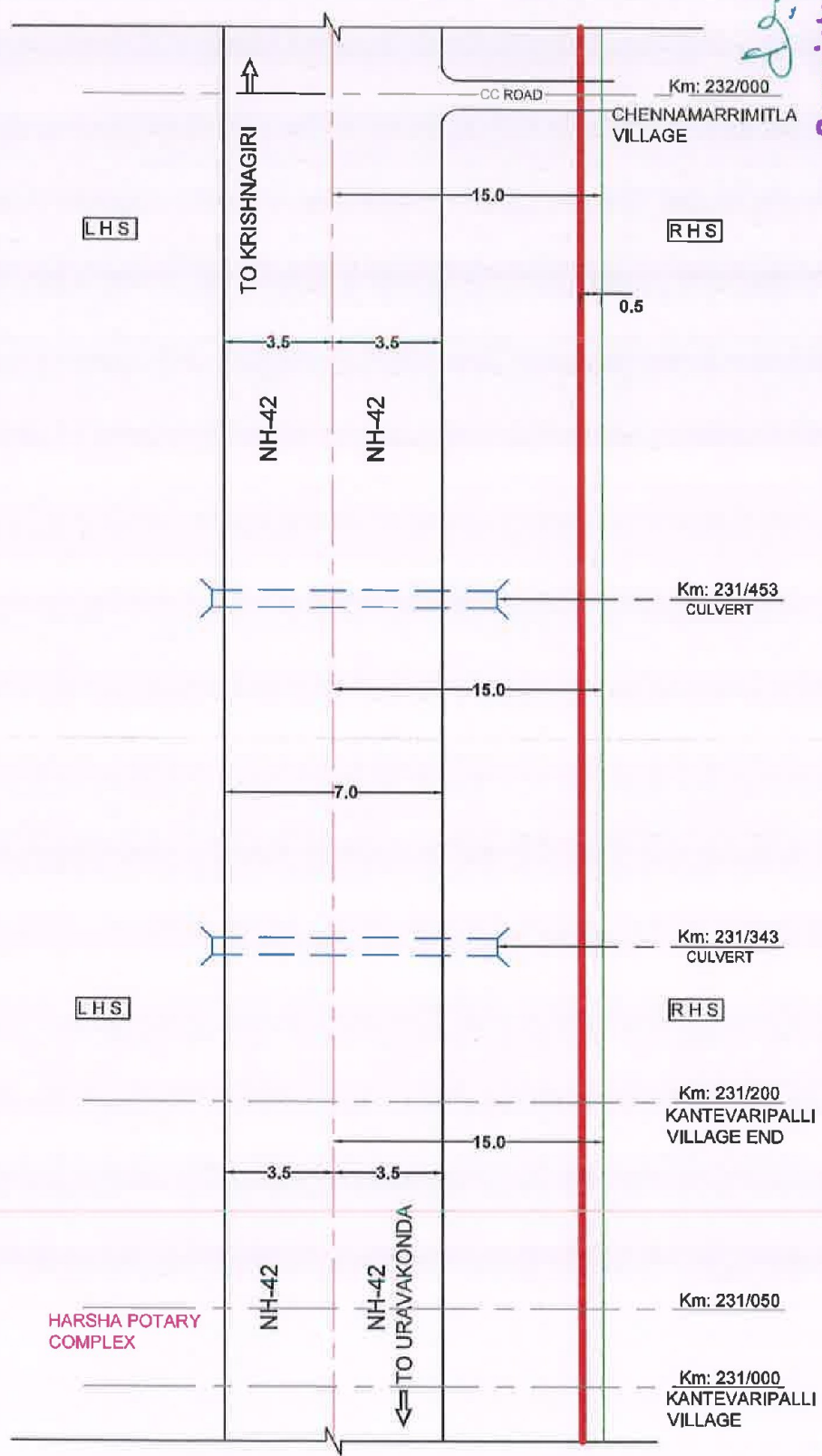
Deputy Executive Engineer
(R&B) N.H. SUB-DIVISION
MADANAPALLE

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

SHEET NO:03

Superintending Engineer
(R & B) NH Circle, Anantapuramu

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



Superintending Engineer
 (R & B) NH Circle, Anantapuramu.

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 1,000 Km
3. SCALE - 1:1000

SHEET NO:04

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:231/000 TO Km: 232/000)

LEGEND:

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

APPLICANT:

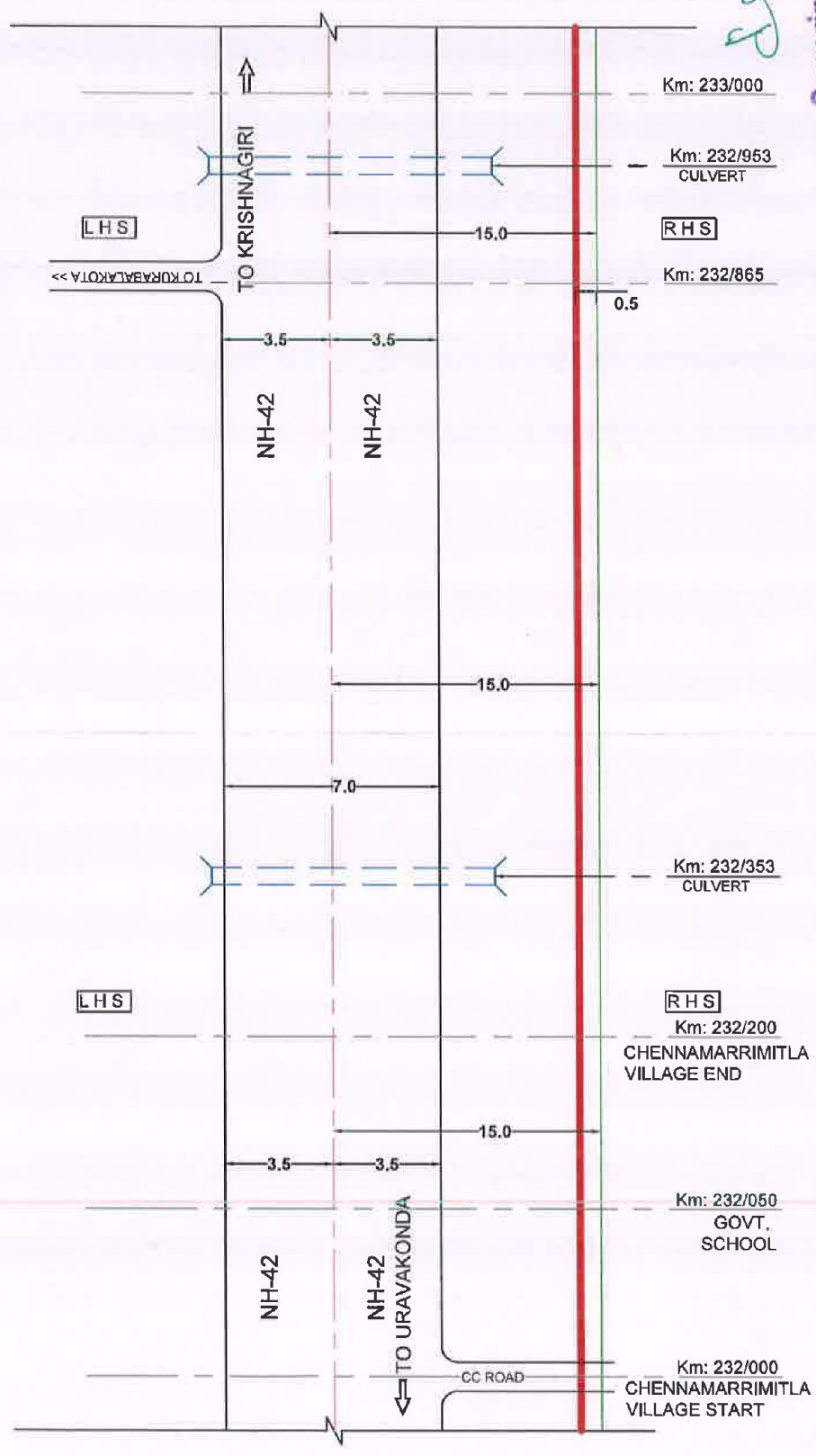


TELESONIC NETWORK LTD

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

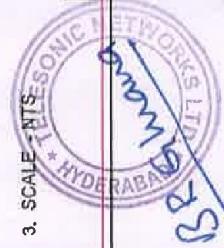
Deputy Executive Engineer
 (R&B) N.H. SUB - DIVISION
 MADANAPALLE

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

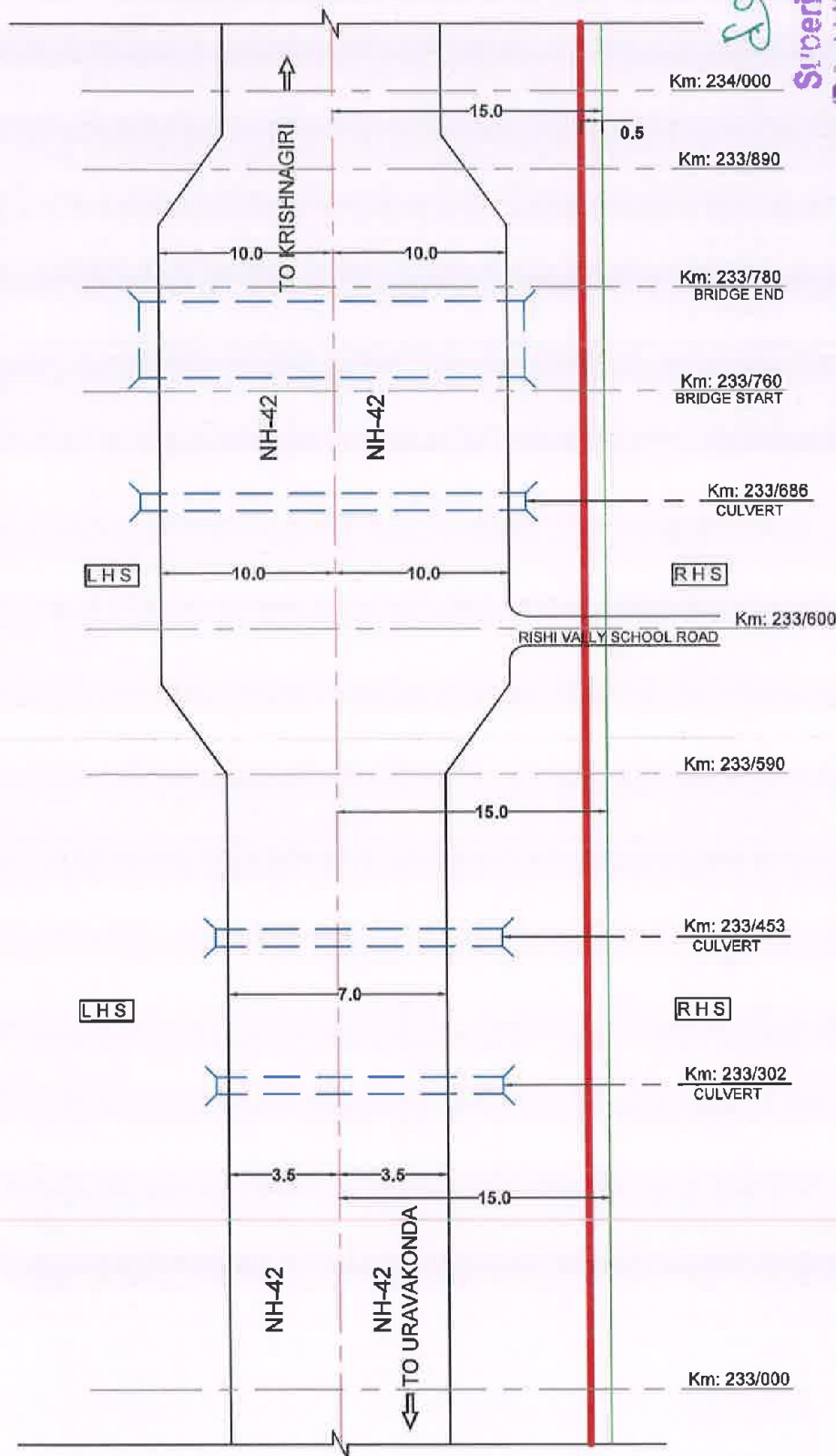


LEGEND: - PROPOSED OFC ROUTE - BT ROAD - CENTER LINE OF CARRIAGEWAY - BOUNDARY (ROW) - BRIDGE / CULVERT		NOTES: 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED 2. SECTION LENGTH - 1,000 Km 3. SCALE - 1:1000
URAVAKONDA - KRISHNAGIRI ROAD (NH-42) (Km: 232/000 TO Km: 233/000)		APPLICANT: TELESONIC NETWORK LTD 19/06/23
CHENNAMARRIMITLA VILLAGE START Km: 232/000 CHENNAMARRIMITLA VILLAGE END Km: 232/200		ASSISTANT EXECUTIVE ENGINEER (R & B) N.H. SECTION - MADANAPALLE 14/6/23

Superintending Engineer (R & B) NH Circle, Anantapuramu.



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



LEGEND:

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

NOTES:

- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
- SECTION LENGTH - 1,000 Km
- SCALE: 1:1000

SHEET NO:06

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:233/000 TO Km: 234/000)

APPLICANT:



TELESONIC NETWORK LTD

Assistant Executive Engineer

(R&B) N.H. SECTION

MADANAPALLE

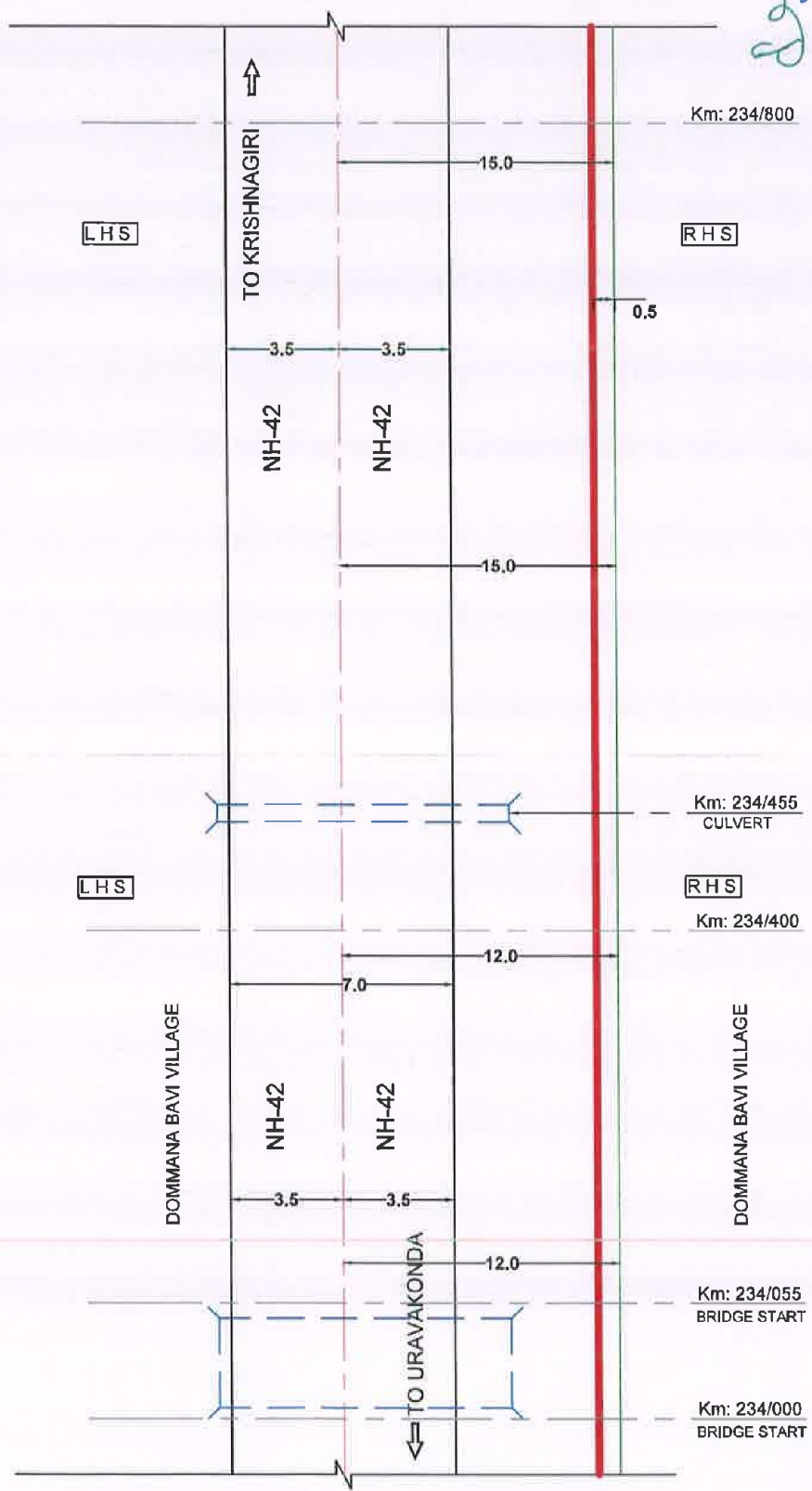
Deputy Executive Engineer

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

MADANAPALLE

Superintending Engineer
(R & B) NH Circle, Anantapuramu

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



Deputy Engineer
Superintending Engineer
 (R & B) NH Circle Anantapuramu

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.800 Km
3. SCALE - N.T.S.

SHEET NO: 07

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km: 234/000 TO Km: 234/800)



TELESONIC NETWORK LTD

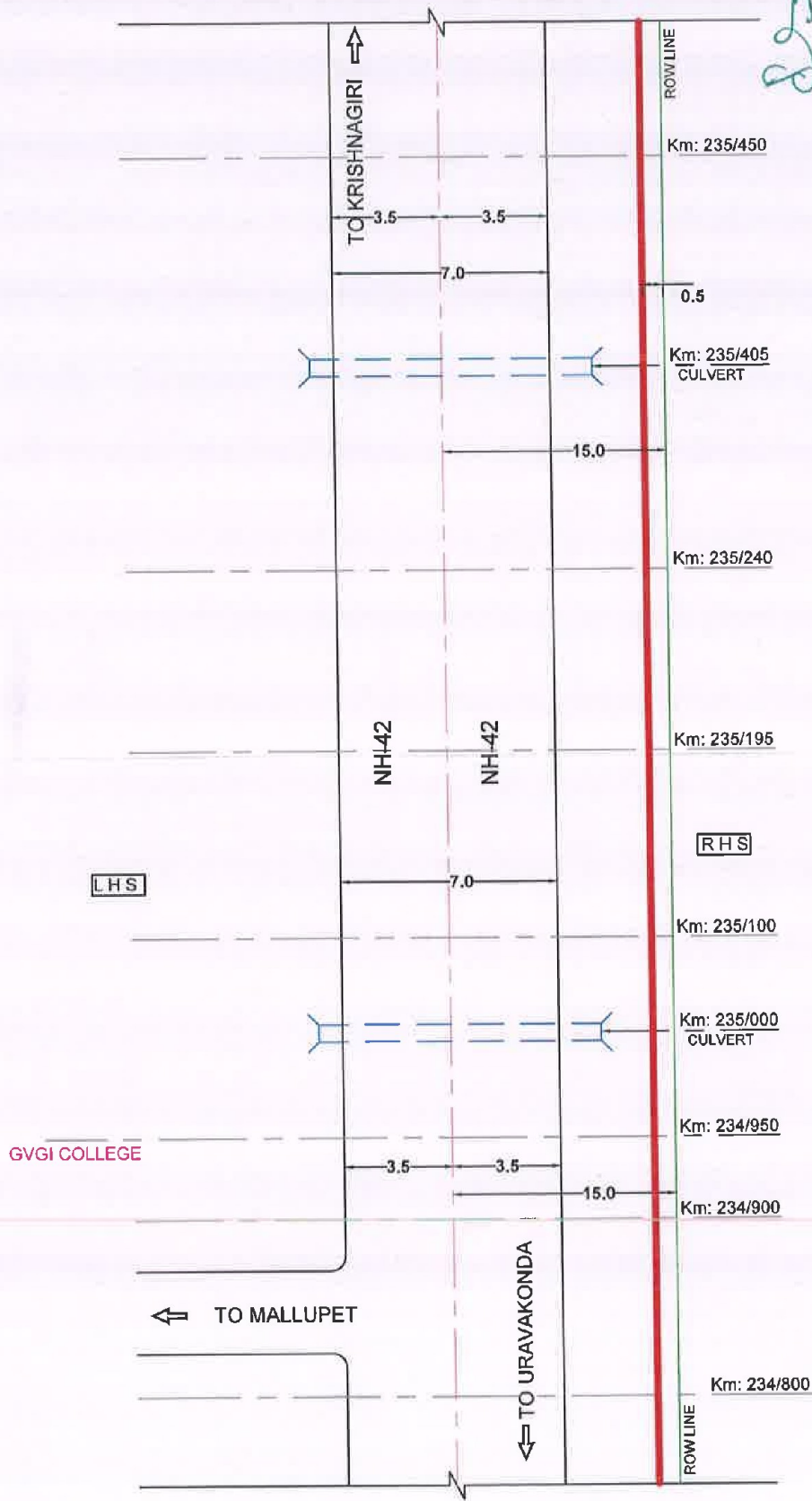
APPLICANT:

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

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

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

Executive Engineer
 (R & B) N.H. Division
 CHITTOOR



LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:234/800 TO Km: 235/450)

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.650 Km
3. SCALE - NTS

APPLICANT:

14/6/24

TELESONIC NETWORK LTD



Deputy Executive Engineer

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

MADANAPALLE

Assistant Executive Engineer

(R&B) N.H. SECTION

MADANAPALLE

SHEET NO:08



Superintending Engineer
(R & B) NH Circle, Anantapuram.

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

CHITTOOR

ANGALLU TOWN
START

LHS

↑
TO KRISHNAGIRI

NH-42

NH-42

⇐
TO URAVAKONDA

ROW LINE

Km: 235/900

0.5

Km: 235/850

15.0

Km: 235/800

7.0

Km: 235/750

RHS

Km: 235/700

7.0

Km: 235/600

3.5

3.5

15.0

Km: 235/450

ROW LINE

LEGEND:

- PROPOSED OFC ROUTE

- BT ROAD

- CENTER LINE OF CARRIAGEWAY

- BOUNDARY (ROW)

- BRIDGE / CULVERT

APPLICANT:



TELESONIC NETWORK LTD

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:235/450 TO Km: 235/900)

NOTES:

1. ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SPECIFIED

2. SECTION LENGTH - 0.450 Km

3. SCALE - NTS

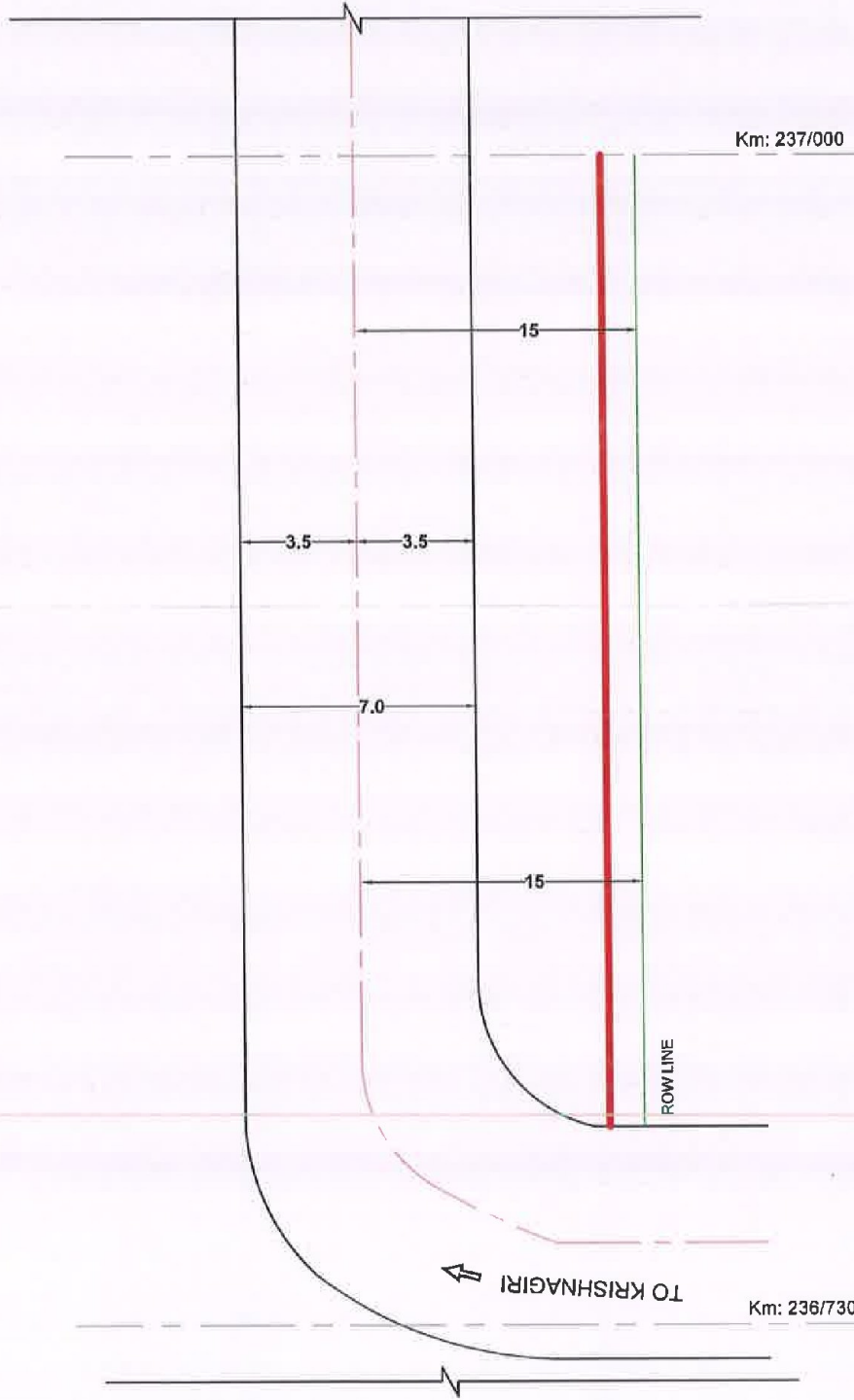
SHEET NO:09

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

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

Superintending Engineer
(R & B) NH Circle, Anantapuramu.

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



LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:236/730 TO Km: 237/000)

APPLICANT:

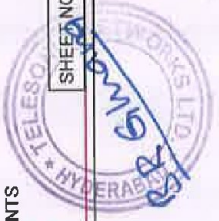


TELESONIC NETWORK LTD

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.270 Km
3. SCALE - NTS

SHEET NO:11

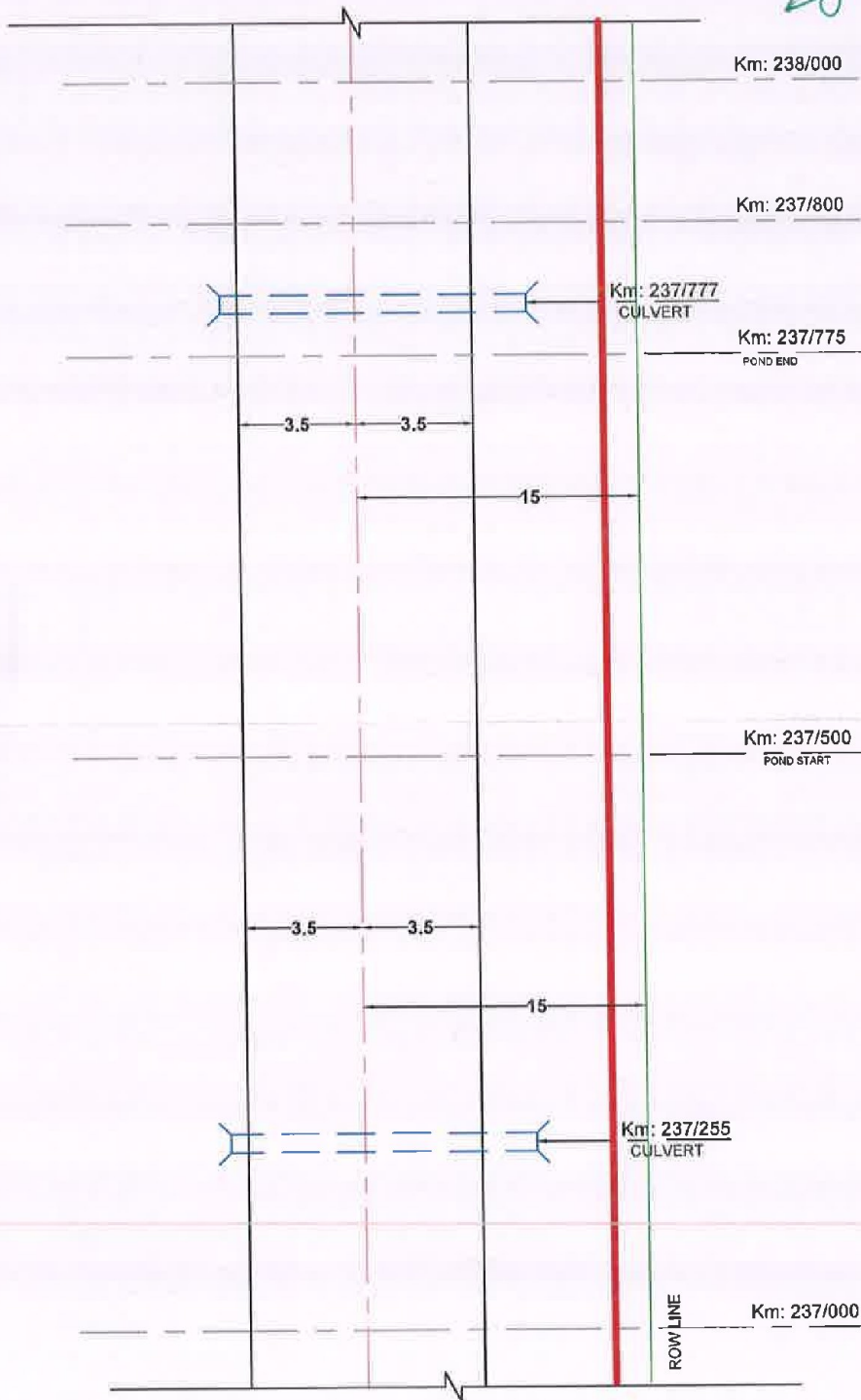


Superintending Engineer
(R & B) NH Circle, Anantapuramu

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
CHITTOOR.



LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:237/000 TO Km: 238/000)

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 1.000 Km
3. SCALE - NTS

APPLICANT:

Signature
14/6/24

APPLICANT:

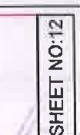
Signature
14/6/24



TELESONIC NETWORK LTD

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

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



Signature
BR

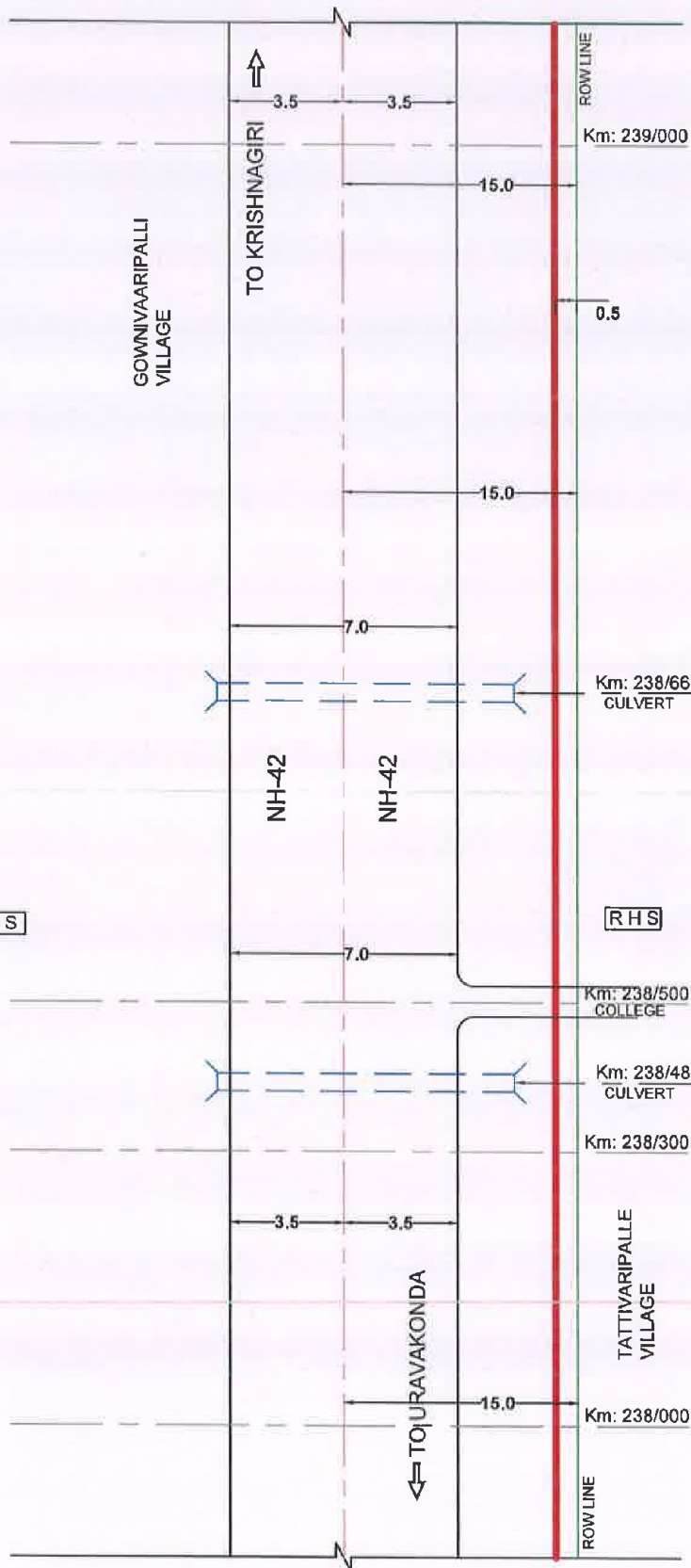
EXECUTIVE ENGINEER
(R & B) N.H. Division
CHITTOOR.

Superintending Engineer
(R & B) NH Circle, Anantapuramu.

Signature
17/1/24

Signature
17/1/24

LHS



RHS

Superintending Engineer
(R & B) NH Circle, Anantapuramu

- NOTES:**
1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
 2. SECTION LENGTH - 1.000 Km
 3. SCALE - NTS

SHEET NO:13

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:238/000 TO Km:239/000)

APPLICANT:



TELESONIC NETWORK LTD

phw/14/6/24

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
CHITTOOR.



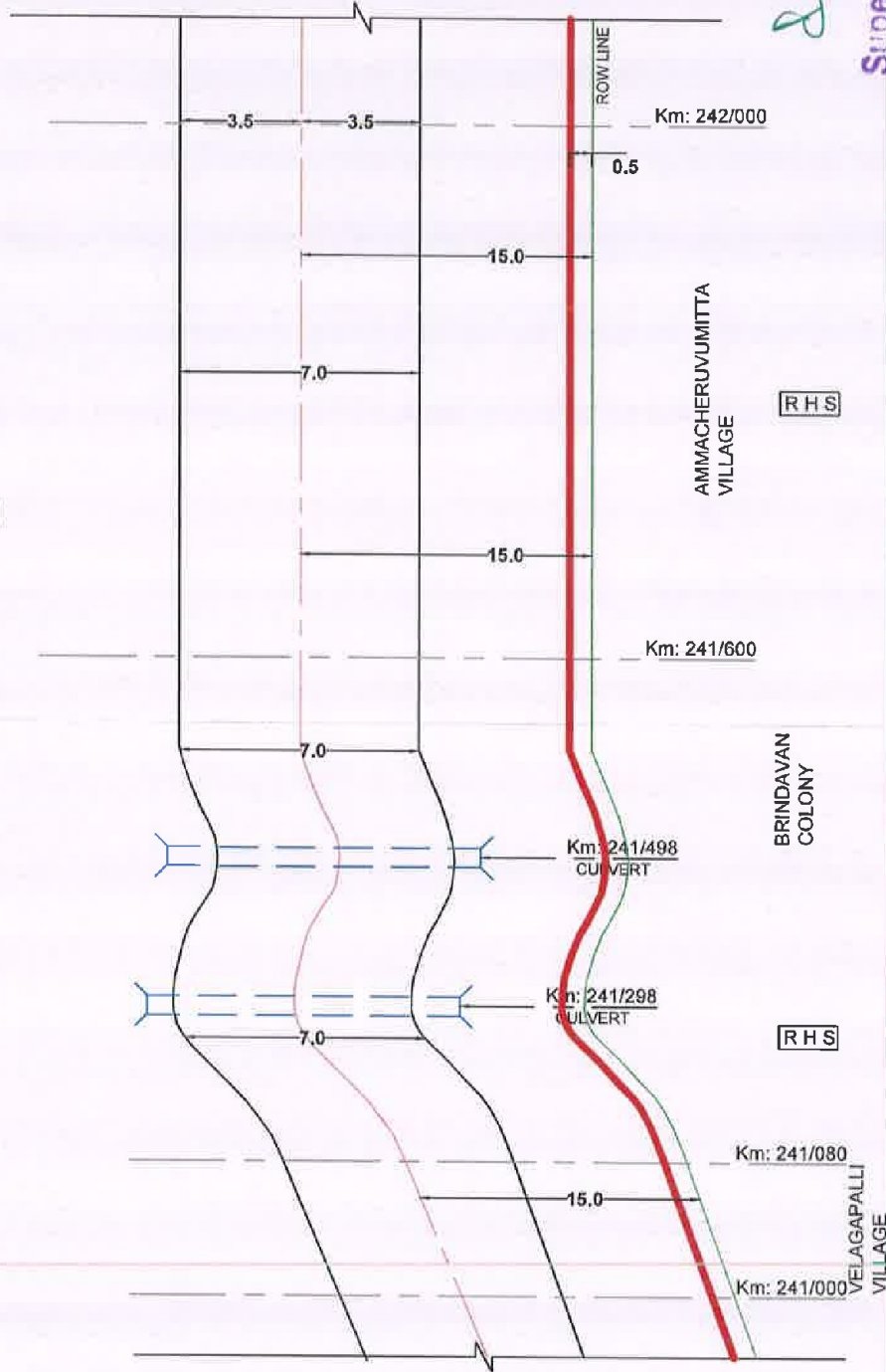
ET NO 14

NTS

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

LHS

LHS



LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:241/000 TO Km: 242/000)

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 1.000 Km
3. SCALE - NTS

APPLICANT:



TELESONIC NETWORK LTD

SHEET NO:16

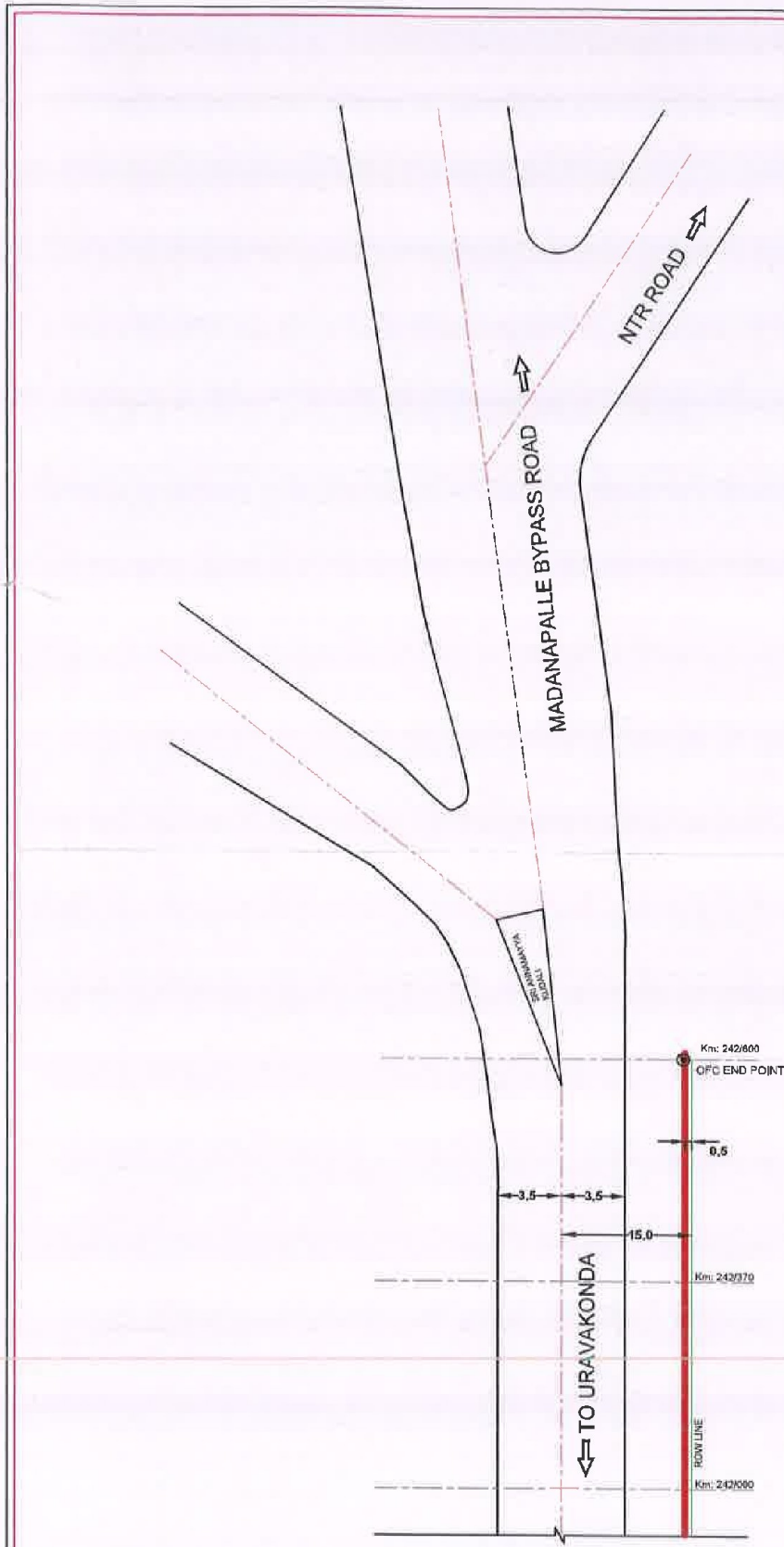
Assistant Executive Engineer
(R&B) N.H. SECTION
- MADANAPALLE

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

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

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





LEGEND:

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

URAVAKONDA - KRISHNAGIRI ROAD (NH-42)

(Km:242/000 TO Km: 242/600)

APPLICANT:



TELESONIC NETWORK LTD

madan
14/06/2014
 Deputy Executive Engineer
 R&B) N.H. SUB - DIVISION
 MADANAPALLE

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

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

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED
2. SECTION LENGTH - 0.600 Km
3. SCALE - NTS

SHEET NO:17

Deputy Executive Engineer
 (R & B) NH Circle, Anantapuramu

