

Dated: 28.01.2019

Invitation of Public Comments

**Sub: Proposal for Permission for laying Water supply Pipelines along and across the Nation Highway by Public Health Department, Tirupati in the stretch from Km 0/000 to 57/000 on Chittoor - Kurnool section on NH-18 (New NH-40) 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 Engineer-in-chief (R&B), NH & CRF, AP vide letter no.40/Water Supply/EE(NH&CRF)/DEE4/AEE1/2018-19 dated 10.01.2019 for laying Water supply Pipelines along and across the Nation Highway by Public Health Department, Tirupati in the stretch from Km 0/000 to 57/000 on Chittoor - Kurnool section on NH-18 (New NH-40) 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 subject to condition that the Engineer-in-chief (R&B), NH & CRF, AP / Public Health Department, Tirupati shall submit the following required documents/details before the final approval:

- (i) The correct calculation towards License fee.
- (ii) The drawings showing the cross section of casing pipe for crossing the road at Km 0/900, 1/000, 1/900 & 37/375.

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, Punnam Thota,  
Vijayawada - 520010  
Email id: [romorthvijayawada@gmail.com](mailto:romorthvijayawada@gmail.com)

Encl:As above

Yours faithfully,

(Nakul Prakash Verma)  
Executive Engineer  
For Regional Officer

Copy to:

- 1) Senior Technical Director, NIC for uploading on the Ministry's website.
- 2) The Engineer-in-chief (R&B), NH & CRF, AP.
- 3) M/s. Public Health and Municipal Engineering Dept. Office of the Executive Engineer Public Health Division, Tirupati.

**GOVERNMENT OF ANDHRA PRADESH  
ROADS & BUILDINGS DEPARTMENT**

From  
Dr.R.Manohara Reddy, Ph.D.,  
I/c Chief Engineer, (R&B)  
National Highways & CRF  
Room No.501,  
State HOD Offices Building,  
MG Road, VIJAYAWADA - 520010.

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



Lr. No.40/Water Supply/EE(NH&CRF)/DEE4/AEE1/2018-19 dt:10.01.2019

**Sub:** NH Division-Chittoor-Water Supply Improvement Scheme with Advipalli Reservoir as source under AMRUT 2016-2020-laying of Raw water& Clear water transmission Pumping mains from Timmapuram Junction (Ch.0/0 to 57/0 of NH-40) - Permission for laying pipeline – Proposal submitted for approval - 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/Anantapur Lr No.200/Water Supply-NH-40/CMC/ATO/2018-19 dt.14.08.2018
  - 3.T/o Memo of even no dt.31.08.2018
  4. SE/NH/Anantapur Lr No.200/Water Supply-NH-40/CMC/ATO/2018-19 dt.29.11.2018
  5. T/o Memo of even no dt.10.12.2018
  - 6.SE/NH/Anantapur Lr No.200/Water Supply-NH-40/CMC/ATO/2018-19 dt.07.01.2019

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The SE(R&B), NH, Anantapur in the reference 4<sup>th</sup> and 6<sup>th</sup> cited has submitted the proposal for “Laying of Public water pipe line from Advipalli Reservoir to Chittoor town along with Chittoor-Kurnool Road NH-18 from Km 0/0 to 57/0” as submitted by Executive Engineer, Public Health, Tirupati 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 Public water pipe line proposed to be laid is 57,000 meters along the road from Km 0/0 to 57/0” in Chittoor District.
2. Trenching & laying of 800 mm dia pipeline at a depth of 2.15 m from the existing ground level and the width of trench is 1.4 m along the proposed route.
3. The pipeline is proposed to be laid and maintained at a distance of 12 m from the centre line of the road.
4. The ROW of the road varies from 25m to 30m for this stretch.
5. For Licence fee calculations, rate of Rs.198/- per Sqm area has been taken towards land rate. The Land rates per acre in Pileru, Damal cheruvu and Kalvagunta are Rs.12,12,000/-, Rs.7,00,000/- and Rs.6,00,000/- respectively. The average land rate of these three villages is Rs.8.37 Lakhs (Considered 8.00 Lakhs per acre or Rs.198/- per sqm).The supporting documents for the land rates are enclosed.
6. The licence fee to an amount of Rs.14,89,800/- has been credited to the account of Executive Engineer,(R&B),NH Division, Chittoor.
7. B.G (considering Rs.250/- per meter) towards security deposit for an amount Rs.1,42,50,000/- vide BG.No.038418IGPER0157 dt.12.12.2018 in favour of EE(R&B),NH Division, Chittoor is enclosed.

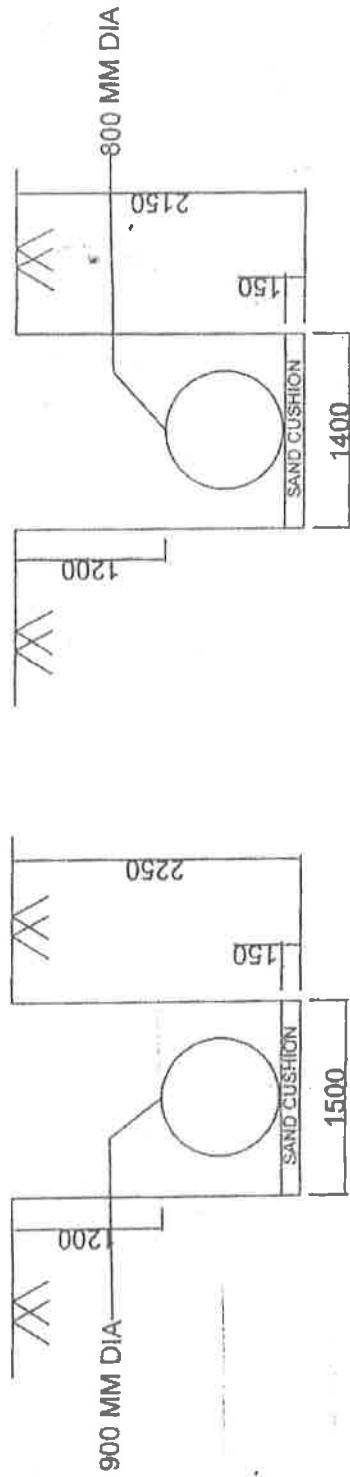
Hence, the above proposal is forwarded for according permission for “Laying of Public water pipe line from Advipalli Reservoir to Chittoor town along with Chittoor-Kurnool Road NH-18 from Km 0/0 to 57/0” for total length of 57000 meters in AP, as per the conditions laid down in Ministry’s guide lines dt:22.11.2016.

**Encl:** Book let-1 No

Yours faithfully

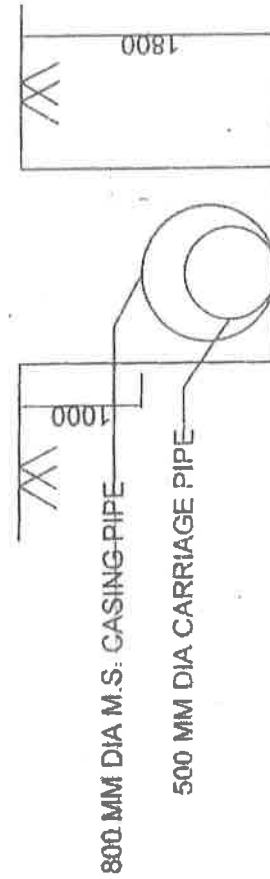
for I/c Chief Engineer(R&B)  
NH&CRF, A.P., Vijayawada

Copy to the Superintending Engineer N.H.circle, Anantapur  
Copy to the Executive Engineer, N.H.Division, Chittoor



TYPICAL CROSS SECTION OF  
800 MM DIA PIPE LINE

TYPICAL CROSS SECTION OF  
900 MM DIA PIPE LINE



TYPICAL CROSS SECTION OF  
500 MM DIA PIPE LINE  
@ ROAD CROSSINGS IN TOWN

*Prithvi*  
Assistant Engineer  
Public Health, Sub-Div.  
Tirunelveli

*Prithvi*  
Deputy Executive Engineer  
Public Health, Punganur

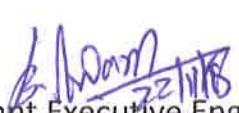
*Prithvi*  
Executive Engineer  
Public Health, Tirunelveli

## INSPECTION REPORT

The Executive Engineer, Public Health, Tirupathi, vide letter No. DB/ATO/283/CTR/WSS/2017(6)/50M Dated: 22.06.2018 has requested to accord Road Cutting permission for laying Water Supply lines along NH-18 (New NH-40) from Km 0/0 to 57/0 for total length of Rs.57,000/- meters in Chittoor District of Andhra Pradesh under (R&B) NH Division, Chittoor.

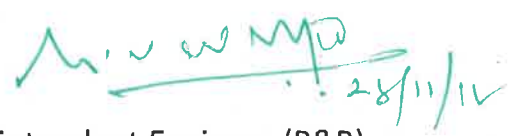
We have inspected the site on 02.07.2018 with reference to above proposal submitted by the Executive Engineer, Public Health, Tirupathi, vide letter No. DB/ATO/283/CTR/WSS/2017(6)/50M Dated: 22.06.2018, the following points were observed and mentioned below:

1. The total length of laying of Water pipeline proposed to be laid is 57,000 meters along the road from Km 0/0 to 57/0 in Chittoor District of Andhra Pradesh as mentioned above.
2. Road crossings are mentioned in attached checklist.
3. The firm has proposed to lay 80 mm pipeline at a depth of 2.150 from existing ground level.
4. Above pipelines shall have to be laid at a minimum distance of 12 mtrs, from centre line of the road by Open Trenching Method (Width of Trench 1400 mm) as shown in the Trench cross section submitted by the firm.
5. The ROW of the Road varies from 25m to 30m in this stretch.
6. At Pileru, Kalluru, Chittoor Town limits where available ROW is restricted pipelines shall have to be laid in private property. Four lane road was proposed from Km 4/0 to 18/2 (Murukambattu-Rangampeta Cross of NH-18) where laying of water supply line proposed.
7. Restoration of the trenches should be done by the agency as specified in MoRTH circular Memo No. RW/NH/33044/29/2015/S&R (R), dated 22.11.2016.
8. The Agency has submitted Undertaking for submission of Performance Bank Guarantee. Indemnity Bond, certificate of Relocation of pipeline 4-laning of the Road, and Undertaking comply with the MoRTH guidelines.
9. The strip plan, Methodology of Laying pipeline and other documents submitted by the agency are attached herewith.

  
Assistant Executive Engineer (R&B)  
NH Section, Chittoor.

  
Deputy Executive Engineer (R&B)  
NH Sub-Division, Chittoor.

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

  
Superintendent 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

### Relevant Circulars

Ministry of Road Transport & Highways guidelines vide letter No. RW/NH- 33044/29/2001/S&R(R) dated 22-11-2016.

| Sl. No. | Item   | Information/ Status   | Remarks |
|---------|--|---|---------|
| 1       | General Information  |   |         |
| 1.1     | Name and Address of the Applicant/Agency   | <b>The Executive Engineer, Public Health Division, Tirupati.</b>  |         |
| 1.2     | National Highway Number  | <b>NH-18 (New NH-40)</b>  |         |
| 1.3     | State  | Andhra Pradesh  |         |
| 1.4     | Location   | Adivipalli Reservoir to Chittoor  |         |
| 1.5     | (Chainage in km)   | <b>along the Road from<br/>KM 57/000 to 0/000 and Road<br/>Crossings at<br/>KM 0/900, 1/000 , 1/900, 37/375</b> |         |
| 1.6     | Length in Meters   | 57,000 meters.  |         |
| 1.7     | Width of available ROW   |   |         |
|         | (a) Left side from center line towards increasing chainage/ km direction                                     | <b>15 m</b>   |         |
|         | (b) Right side from center line towards increasing chainage/ km direction                                    | 15 m  |         |
| 1.8     | Proposal to lay the utility  |   |         |
|         | (a) Left side from center line towards increasing chainage/km direction                                      |   |         |
|         | (b) Right side from center line towards increasing /km direction   | 0/0 to 57/0   |         |
| 1.9     | Proposal to acquire land   | Not Applicable  |         |
|         | 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 Water pipe line   | Not Applicable  |         |
| 1.11    | Details of already laid services, if any, along the proposed route   | No utilities/services along the proposed route  |         |
| 1.12    | Number of existing lanes (2/4/6/8 lanes)   | 2 lanes   |         |
| 1.13    | Proposed Number of lanes (2 lane with paved shoulders/4 /6/8 lanes)  | proposed for 4 lane from Km 4/0 to 18/2   |         |
| 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  |   |         |
| 1.16    | Whether proposal to lay pipe line is after the service road or between the service road and main carriageway | Not Applicable  |         |

  
 Executive Engineer  
 Public Health, Tirupati



### CHECK- LIST

|      |  |                             |                                 |
|------|--|-----------------------------|---------------------------------|
| 1.17 | Whether carrying of sewage/gas pipeline has been proposed on highway/bridges?<br>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?<br>If Yes then mention the methodology proposed for the same   | No                          |                                 |
| 1.19 | If Crossing of the Road involved<br>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   | HDD method Encased in pipes | Horizontal Directional Drilling |
|      | a) Whether the existing drainage structures are allowed to carry the utility pipeline  | No                          |                                 |
|      | b) Is it on a line normal to NH  | Yes                         |                                 |
|      | c) What is the distance of crossing the utility pipelines from the existing structures?<br>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) line 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<br>Mention type of casing. | M.S casing                  |                                 |
|      | e) Ends of the casing/conduit pipe shall be sealed from outside, so that it does not act as a drainage path  | Yes                         |                                 |
|      | f) The casing/conduit pipe should be 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 1.2meter below the surface of the road subject to being at least 0.3 m below the drain inverts.<br>Mention the proposed details   | Yes                         |                                 |
|      | h) Mention the methodology proposed for crossing of road for the proposed sewage/Gas pipeline.<br>Crossing shall be by boring method (HDD) (Trenchless Technology), specially where the existing road pavement is of cement concrete or dense bituminous concrete type           | HDD method                  |                                 |

  
 Executive Engineer  
 Public Health, Tirupati

### CHECK- LIST

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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                                       | Yes  |  |
| 2     | Documents /drawings to be enclosed with the proposal  |  |  |
| 2.1   | Cross section showing the size of trench for open trenching   | Enclosed                                       |  |
|       | Is it normal size of 1.2m deep x 0.3 m wide   | Yes  |  |
|       | i) should not be greater than 60cms 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                     | Yes  |  |
|       | 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 Pipe for HDD method   | Yes  |  |
| 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)<br>If yes, what is the methodology of refilling the trench | Yes, Methodology of refilling is 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  | Enclosed                                       |  |

  
**Executive Engineer**  
**Public Health, Tirupati.**

## CHECK- LIST

|       |  |          |  |
|-------|--|----------|--|
|       | 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      |  |
|       | 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.   | Yes      |  |
| 2.4.2 | Horizontal Directional Drilling (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 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 |  |

  
 Executive Engineer  
 Public Health, Tirupati



## CHECK- LIST

|      |  |  |  |
|------|--|--|--|
| 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 from Executive Engineer, Public health Division, Tirupati |  |
| 4.12 | Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines   | NA   |  |
| 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 of installation, shifting or repairs, or alterations to the utility located in the National Highway Right of Ways.   | Yes Enclosed   |  |
| 5.8  | Undertaking that expenditure if any incurred by NHAI for repairing any damage caused to the 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 deal 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   |  |

  
 Executive Engineer  
 Public Health, Tirupati

## CHECK- LIST


|      |   |                          |  |
|------|---|--------------------------|--|
| 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<br>i) Laying of Gas pipeline will not have any deleterious effects on any of the bridge components and roadway safety for traffic<br><br>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<br><br>Enclosed |  |
| 6    | Who will sign the agreement on behalf of Gas pipe line agency?<br>Power of attorney to sign the Agreement is available or not   | Yes 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<br>i) "it is certified that any other location of the utility pipeline would be extremely difficult and unreasonably costly and the installation of utility 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"<br>ii) for <del>six</del> <sup>4</sup> laning<br>a) Where feasibility is available "I do certify that there will be no hindrance to proposed <del>six</del> <sup>4</sup> laning based on the feasibility report considering proposed structures at the said location". | Enclosed<br><br>Enclosed |  |

  
 Executive Engineer  
 Public Health, Tirupati.

## CHECK- LIST


|    |  |   |  |
|----|--|---|--|
|    | b) In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"   | 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 of way to lay cable /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  | The Executive Engineer, Public Health Division, Tirupati. |  |
|    | 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  | The Executive Engineer, Public Health Division, Tirupati. |  |
|    | 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?   | Public Health Department                                  |  |
| 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.   | No previous approvals accorded at the proposed location.  |  |

  
Executive Engineer  
Public Health, Tirupati

  
Asst. Executive Engineer  
(R&B) National Highways  
Section-II, CHITTOOR.

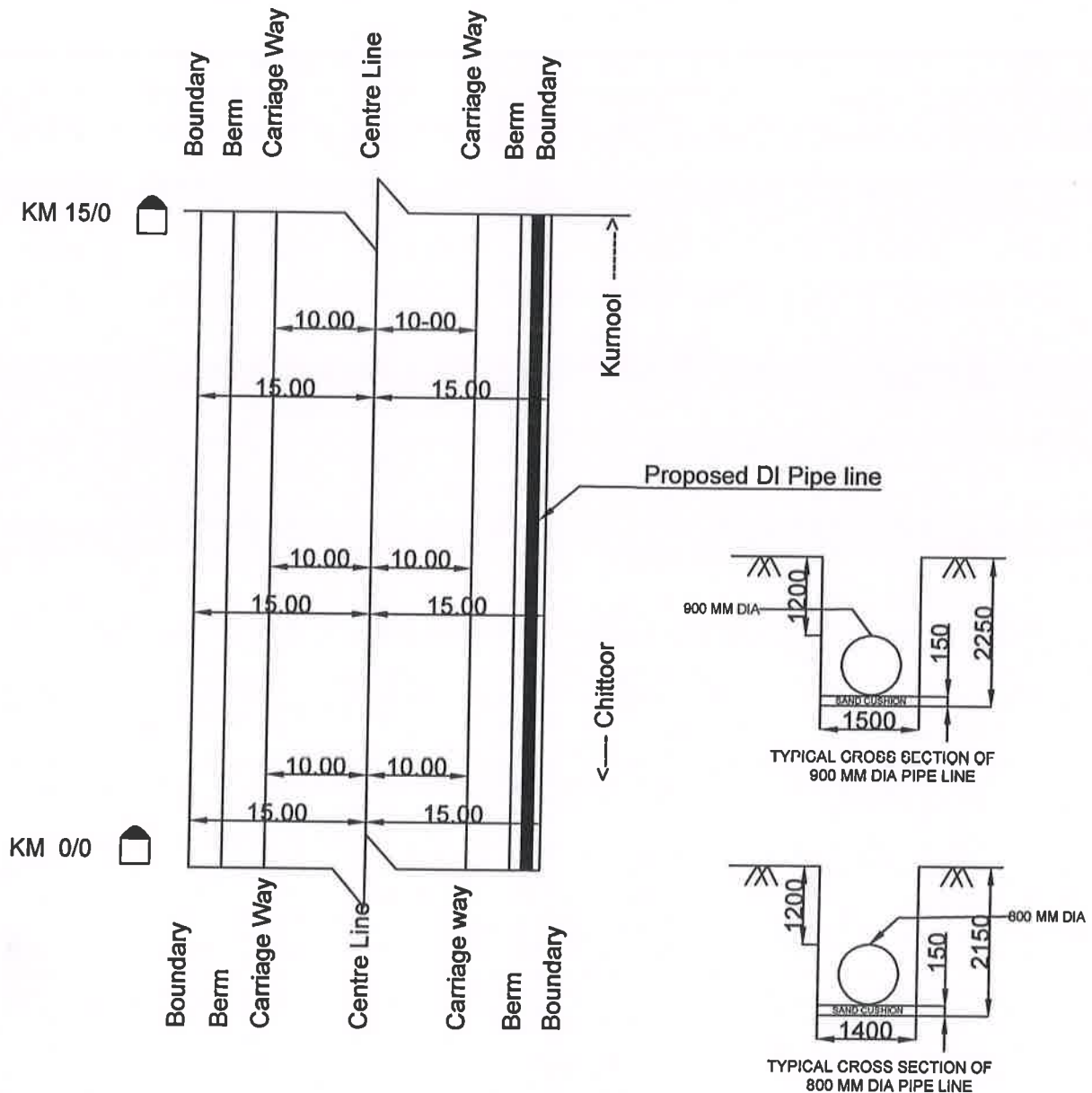
  
Deputy Executive Engineer  
(R & B) National Highways  
CHITTOOR

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

  
Superintending Engineer  
(R & B) N.H. Circle  
ANANTAPUR

# ROW PLAN FOR CHITTOOR TO KURNOOL

NH-18 (New NH -40)



*[Signature]*  
Executive Engineer  
Public Health, Tirupati

*[Signature]*  
Asst. Executive Engineer  
(R & B) National Highways  
Section-II, CHITTOOR.

*[Signature]* 22/11/18  
Deputy Executive Engineer  
(R & B) National Highways  
CHITTOOR

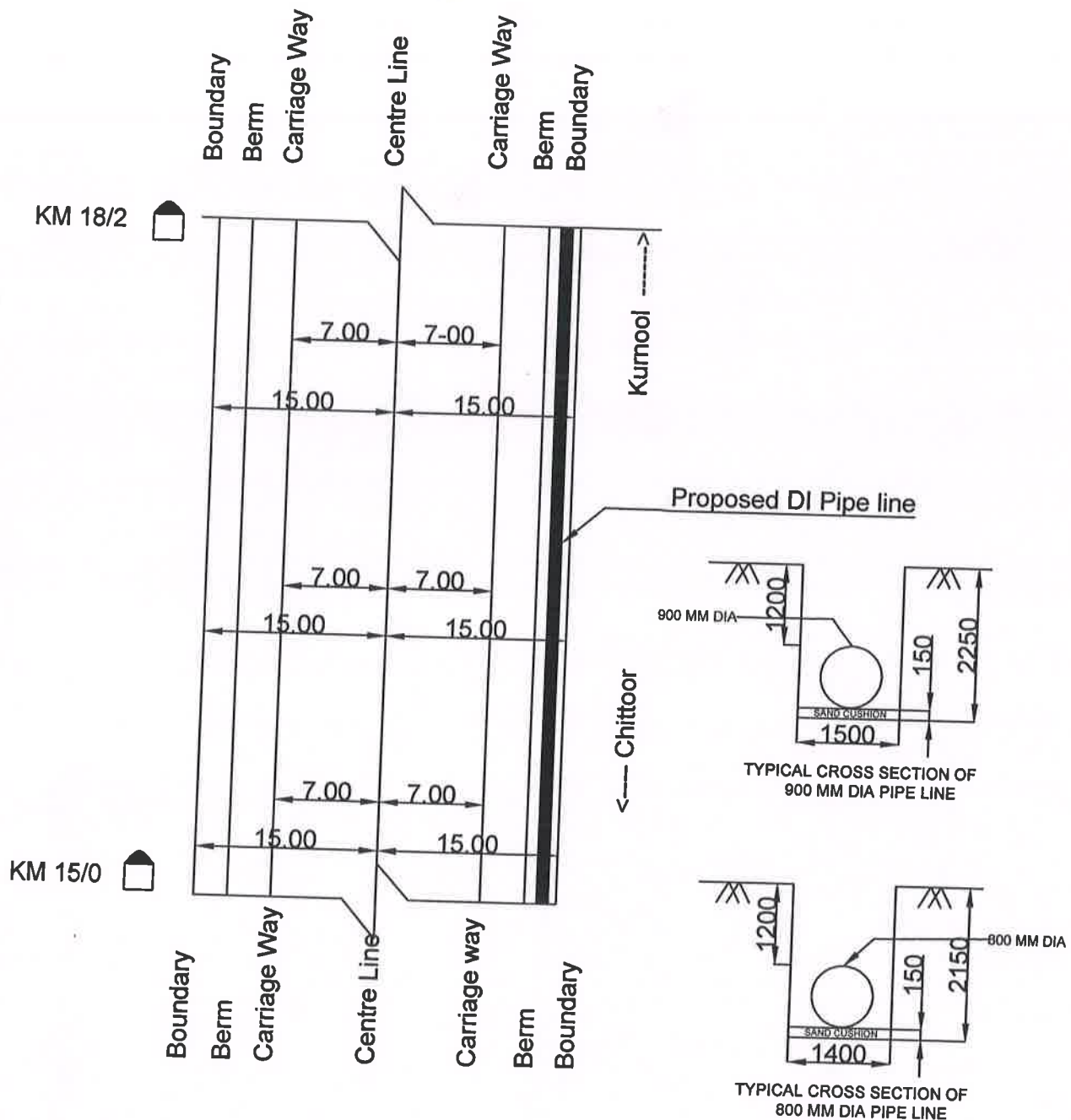
*[Signature]* 22/11/18  
EXECUTIVE ENGINEER  
(R & B) N.H. Division  
CHITTOOR.

*[Signature]* 22/11/18  
Superintending Engineer  
(R & B) N.H. Circle  
ANANTAPUR



# ROW PLAN FOR CHITTOOR TO KURNOOL

NH-18 (New NH -40)



Executive Engineer  
Public Health, Tirupati

Asst. Executive Engineer  
(R & B) National Highways  
Section-II, CHITTOOR.

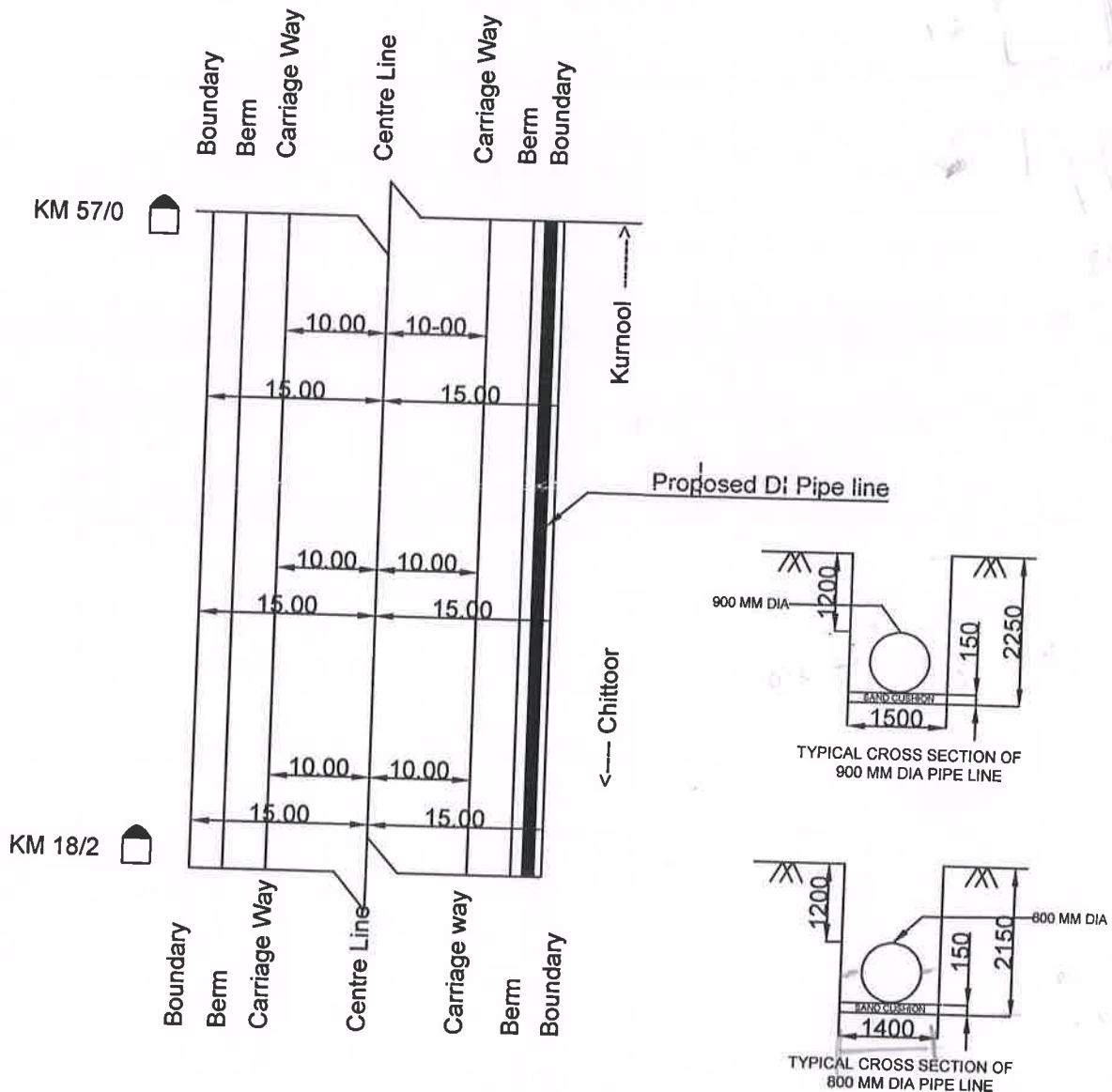
Deputy Executive Engineer  
(R & B) National Highways  
CHITTOOR

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

Superintending Engineer  
(R & B) N.H. Circle  
ANANTAPUR



# ROW PLAN FOR CHITTOOR TO KURNOOL NH-18 (new NH -40)



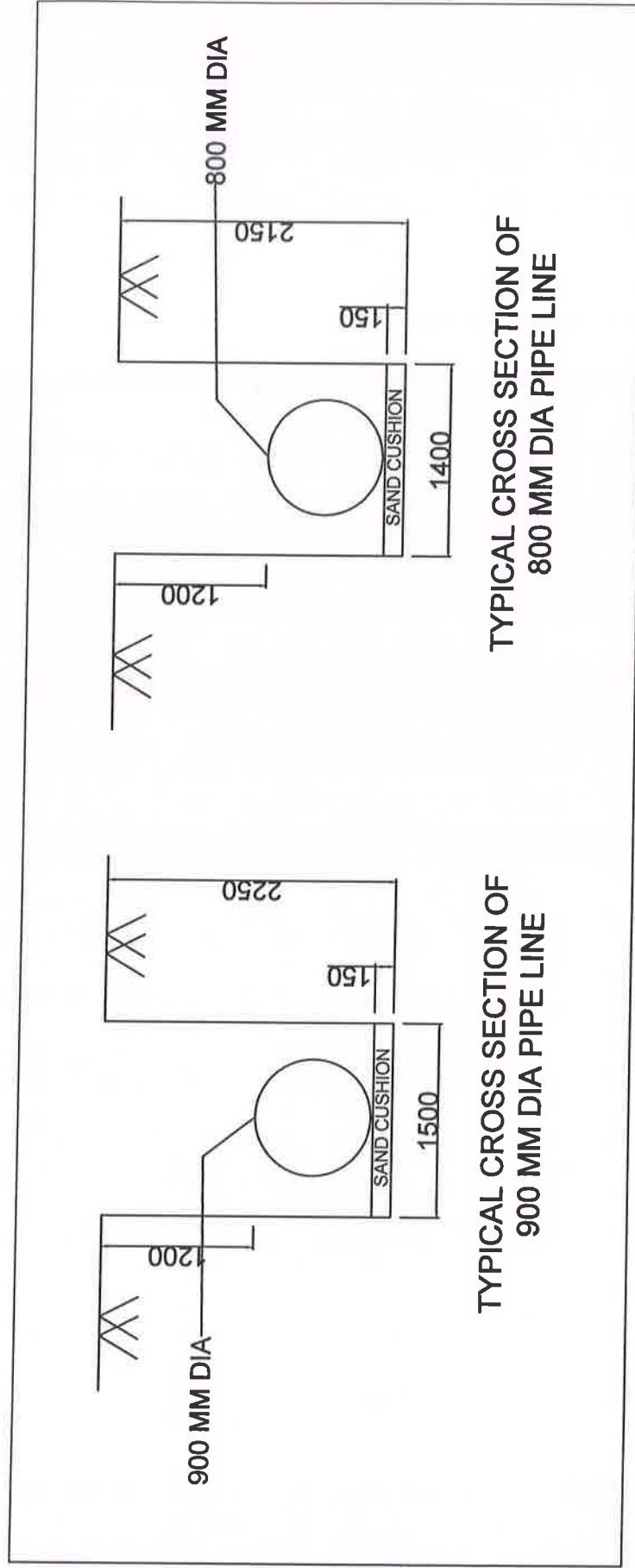
*[Signature]*  
Executive Engineer  
Public Health, Tirupati

*[Signature]*  
Asst. Executive Engineer  
(R&B) National Highways  
Section-II, CHITTOOR.

*[Signature]*  
22/11/18  
Deputy Executive Engineer  
(R & B) National Highways  
CHITTOOR

*[Signature]*  
22/11/18  
EXECUTIVE ENGINEER  
(R & B) N.H. Division  
CHITTOOR.

*[Signature]*  
24/11/18  
Superintending Engineer  
(R & B) N.H. Circle  
ANANTAPUR



*[Signature]*

Executive Engineer  
Public Health, Tirupati.

*[Signature]*  
22/11/18  
Asst. Executive Engineer  
(R&B) National Highways  
Section-II, CHITTOOR,

*[Signature]*  
22/11/18

Deputy Executive Engineer  
(R & B) National Highways  
CHITTOOR

*[Signature]*  
22/11/18  
EXECUTIVE ENGINEER  
(R & B) N.H. Division  
CHITTOOR.

*[Signature]*  
28/11/18  
Superintending Engineer  
(R & B) N.H. Circle  
ANANTAPUR