



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

क्षेत्रीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगरीथोटा, कृष्णालंका, विजयवाड़ा - 520 013, आन्ध्र प्रदेश

Regional Office : D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref : NHAI/RO-VJA/ATP/Pipeline/2023/2141

दिनांक: 05.06.2023

सार्वजनिक टिप्पणियों का आमंत्रण / INVITATION OF PUBLIC COMMENTS

विषय : एनएच-44 के हैदराबाद बेंगलूर खंड के कि.मी. 211.000 से कि.मी. 462.164 (कुल लम्बाई 251.164 कि.मी.) का संचालन और रखरखाव - कुरनूल से अनंतपुर खंड के साथ-साथ कि.मी 253/2 से कि.मी. 291/4 तक कुल लम्बाई 46.160 कि.मी. में पाइप लाइन बिछाने की अनुमति के संबंध में।

Operation and Maintenance of Hyderabad - Bangalore section from Km 211.000 to Km.462.164 of NH-44 (Total length 251.164 Km) - Permission for laying water pipeline along Kurnool - Ananthapur Section from Km 253/2 to 291/4 for total length of 46.160 Km - Reg.

परियोजना निदेशक, पीआईयू - अनंतपुर के द्वारा कार्यकारी अभियंता, आरडब्ल्यूएस एंड एस डिवीजन, कुरनूल का किमी 253.200 से किमी 266.800 (आरएचएस), कि.मी 263.400 से किमी 290.500 (आरएचएस), किमी 271.00 से किमी 290.500 (आरएचएस) व किमी 290.800 से किमी 291.400 (आरएचएस) तक कुल 45.500 किलोमीटर की लंबाई तथा 660 लंबाई में एनएच-44 के लम्बवत वाली पानी की पाइपलाइन बिछाने के लिए प्रस्ताव दिया गया है। The Project Director, PIU - Anantapur submitted a proposal of Executive Engineer, RWS&S Division, Kurnool for laying of Water Pipeline with a total length of 45.500 Kms from Km.253.200 to Km.266.800 RHS, from Km.263.400 to Km.290.500 RHS, from Km.271.00 to Km.275.200 RHS and from Km.290.800 to Km. 291.400 RHS along the NH-44 and 660 mtrs across NH-44 in the state of Andhra Pradesh

2. एमओआरटीएच के पत्र सं. RW/NH-33044/29/2015/S&R (R) दिनांक 22 नवंबर 2016 के दिशा-निर्देशों के अनुसार, उक्त प्रस्ताव को राजमार्ग प्रशासन द्वारा मंत्रालय की वेबसाइट पर 30 दिनों के लिए सार्वजनिक डोमेन में दावों और आपत्तियों (सार्वजनिक असुविधा, सुरक्षा और आम जनता के हित के आधार पर) के लिए डाला जाता है। As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R(R) dated 22nd November 2016, the Highway Administration will put out the application in the Public Domain for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

3. उपरोक्त को ध्यान में रखते हुए, उपरोक्त प्रस्ताव पर जनता की टिप्पणियां, यदि कोई हो नीचे दिए गए पते पर आमंत्रित किया जाता है / In view of the above, the comments of public, if any, on the abovementioned proposal is invited on below mentioned address:

क्षेत्रीय अधिकारी विजयवाड़ा - / Regional Officer - Vijayawada,

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण / National Highways Authority of India ,

द्वार संख्या 41-29-45ए, आर.सं.एस.373/2ए / Door No.41-29-45A, R.S.No.373/2A,

कोदंडरामालयम् के पास, चालासानी नगर / Near Kodandaramalayam, Chalasani Nagar /,

रानीगरीथोटा, कृष्णालंका, विजयवाड़ा-520 013 / Ranigarithota, Krishnalanka, Vijayawada - 520 013

Email / ईमेल : rovijayawada@nhai.org


(आर. के सिंह)

क्षेत्रीय अधिकारी - विजयवाड़ा



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

श्रेणीय कार्यालय : 41-29-45A, सर्वे नं: 373/2A, कोदंडरामालयम्, चलासानी नगर,

रानीगारीतोटा, कृष्णलंका, विजयावाडा - 520 013, आन्ध्र प्रदेश

Regional Office: D.No. 41-29-45A, RS.No. : 373/2A, Kodandaramalayam, Chalasani Nagar,

Ranigari Thota, Krishna Lanka, Vijayawada - 520 013, Andhra Pradesh.

फोन / Tel : 0866-2483910, ई-मेल/e-mail: rovijayawada@nhai.org, nhairovja@gmail.com

वेब/ web: www.nhai.gov.in



Ref : NHAI/RO-VJA/ATP/Pipeline/2023/2140

दिनांक: 05.06.2023

सेवा में / To

वरिष्ठ तकनीकी निदेशक / The Sr. Technical Director,

एनआईसी, परिवहन भवन / NIC, Transport Bhawan,

नई दिल्ली -110001 / New Delhi- 110001.

विषय : एनएच-44 के हैदराबाद बेंगलोर खंड के कि.मी. 211.000 से कि.मी. 462.164 (कुल लम्बाई 251.164 कि.मी.) का संचालन और रखरखाव - कुरनूल से अनंतपुर खंड के साथ-साथ कि.मी 253/2 से कि.मी. 291/4 तक कुल लम्बाई 46.160 कि.मी. में पाइप लाइन बिछाने की अनुमति के संबंध में ।

Operation and Maintenance of Hyderabad - Bangalore section from Km 211.000 to Km.462.164 of NH-44 (Total length 251.164 Km) - Permission for laying water pipeline along Kurnool - Ananthapur Section from Km 253/2 to 291/4 for total length of 46.160 Km - Reg.

महोदय / Sir,

कृपया पत्र के साथ संलग्न कार्यकारी अभियंता, आरडब्ल्यूएस एंड एस डिवीजन, कुरनूल के पत्र का सन्दर्भ लेवे जिसमें किमी 253.200 से किमी 266.800 (आरएचएस), कि.मी 263.400 से किमी 290.500 (आरएचएस), किमी 271.00 से किमी 290.500 (आरएचएस) व किमी 290.800 से किमी 291.400 (आरएचएस) तक कुल 45.500 किलोमीटर की लंबाई तथा 660 लंबाई में एनएच-44 के लम्बवत वाली पानी की पाइपलाइन बिछाने के लिए प्रस्ताव दिया गया है ।

Please find enclosed herewith the proposal of Executive Engineer, RWS&S Division, Kurnool for laying of Water Pipeline with a total length of 45.500 Kms from Km.253.200 to Km.266.800 (RHS), from Km.263.400 to Km.290.500 (RHS), from Km.271.00 to Km.275.200 RHS and from Km.290.800 to Km. 291.400 RHS along the NH-44 and 660 mtrs across NH-44 in the state of Andhra Pradesh /

2. एमओआरटीएच के पत्र सं. RW/NH-33044/29/2015/S&R (R) दिनांक 22 नवंबर 2016 के दिशा-निर्देशों के अनुसार, पीडी, पीआईयू - अनंतपुर की सिफारिश के साथ उक्त प्रस्ताव को संलग्न करते हुए मंत्रालय की वेबसाइट पर 30 दिनों के लिए दावों और आपत्तियों (सार्वजनिक असुविधा, सुरक्षा और आम जनता के हित के आधार पर) पर आगे आवश्यक कार्रवाई करने के लिए होस्ट करने का अनुरोध किया जाता है।

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R (R) dated 22nd November 2016, the application along with the recommendation of PD, PIU - Anantapur are enclosed herewith with a request to host the same in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest), for taking further necessary action /

अनुलग्नक: उपरोक्त के अनुसार

आपका विश्वासी

(आर. के सिंह)

क्षेत्रीय अधिकारी - विजयावाडा

प्रतिलिपि: पीडी, पीआईयू - अनंतपुर .



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways, Government of India)



परियोजना कार्यान्वयन इकाई - अनंतपुर

6-4-239, 3rd क्रॉस, मरुथी नगर, अनंतपुर

PROJECT IMPLEMENTATION UNIT - ANANTHAPUR

6-4-239, 3rd Cross, Maruthi Nagar, Ananthapur - 515 004.

टेली / Tele : 91-8554-275599 ई-मेल / Email : ananthapur@nhai.org, nhaipuatp@gmail.com

NHAI/PIU-ATP/11021/23/NOC/0509

17.05.2023

Regional Officer

National Highways Authority of India
Regional Office

Door No.41-29-45A, 3rd & 4th floors

Near Kodandaramalayam

Chalasani Nagar, Ranigarithota

Krishnalanka, VIJAYAWADA - 520 013



Sub: RWS & S (P) Division, Nandyal - "Permission for lay water pipeline along Kurnool - Ananthapur of NH 44 road from Km 253/2 to 291/4 for total length of 45.50 Km and 660mts across the road under NHAI" - Permission for laying pipe line along the National Highway 44 - Request for according permission for laying of pipeline reg.,

- Ref:**
1. SC, M/s SA Infrastructure letter no.126 dtd 10.05.2023.
 2. DPR Consultant, M/s Aarvee Associates letter no.0642 dtd 27.04.2023.
 3. This office letter no.0424 dtd 21.04.2023.
 4. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 11.04.2023
 5. This office letter no.354 dtd 31.03.2023
 6. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.03.2023
 7. This office letter no.325 dtd 24.03.2023
 8. This office letter no.1032 dtd 12.10.2022
 9. DPR Consultant, M/s Aarvee associates letter no.4673 dtd 10.10.2022
 10. This office letter no.0875 dtd 01.09.2022
 11. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.08.2022

Sir,

The Executive Engineer, RWS&S Division, Kurnool vide letter cited under reference (11) has submitted the proposal for laying of Water Pipeline in a length of 46,160m (45,500m along the road + 660m across the road) in the stretch from Km 253.200 to 291.400 on RHS in Kurnool District of Hyderabad - Bangalore Section of NH 44 and sought the approval.

2. In this connection, DPR Consultant vide letter no.4673 dtd 10.10.2022 has informed that as per the Ground penetration Radar report, existing underground pipelines & OFC cables are found along the utility corridor of the Project Highway. As such, applicant may be requested to explore the option of laying the water pipeline outside of ROW.
3. Therefore, NHAI, PIU Anantapur vide letter no.1032 dtd 12.10.2022 informed that the proposal of laying water pipeline along the said locations may not be allowed. As such, the proposal was returned.
4. Further, during the review meeting held with the Secretary, Department of Drinking water and Sanitation on 15.02.2023 regarding pending clearances for the subject work, it was instructed to conduct a joint site inspection by the RWS & NHAI department officials along with DPR Consultant of NHAI for identification

Building a Nation, Not Just Roads

[Signature]

of locations & feasible options towards laying of water pipelines keeping in view of proposed 6 laning of the subject stretch & without disturbing the existing utilities along the proposed locations.

5. Accordingly, the officials of RWS&S& NHAI have jointly inspected the subject stretch on 28.02.2023 and found that there are existing utilities viz., water supply pipelines, OFC cables, Electric lines, ROW restrictions etc., along the proposed stretch and there is a proposed work of construction of utility duct for OFC Cables on LHS in the utility corridor of the subject stretch and for which the agency is also mobilised at site by NHAI.
6. Further, RO, NHAI, Vijayawada inspected the subject cited proposed location on 09.03.2023 in presence to Superintending Engineer of RWS&S department and instructed that the PD & 6 laning DPR consultant to prepare a Kilometer-wise strip plan showing the proposed pipeline along with its diameter & width of land required for laying, existing utilities, utility duct and land restrictions at site for taking up the proposed pipeline in utility corridor of the above stretch. Further, keeping in view ongoing 6 laning DPR of NH-44, the RWS&S department officials were also instructed to take immediate necessary action towards shifting of existing pipelines pertaining to their department to the extreme edge of ROW at their own cost, which were already laid after obtaining requisite permission from NHAI.
7. Accordingly, the kilometer-wise details showing the existing utilities, proposed utility duct by NHAI and proposed pipelines by RWS&S department, width & length of ROW available for laying has been prepared and requested to modify the proposal and re-submit the same as per available ROW and with all the relevant documents as per MoRT&H Guidelines dated 22.11.2016 for consideration of approval by Competent Authority of NHAI, keeping in view of proposed 6 laning, OFC duct on LHS, existing site restrictions & utilities on RHS.
8. In this regard, the Executive Engineer, RWS&S(P) Division, Nandyal vide letter cited under reference (6) above has submitted a revised proposal and requested to accord necessary permission for the same.
9. In this regard, the proposal has been examined and certain observations were communicated to Executive Engineer, RWS&S(P) Division, Nandyal vide this office letter cited under reference 5th above and requested to submit the revised proposal
10. Now, the Executive Engineer, RWS&S(P) Division, Nandyal vide letter cited under reference (4) above has submitted a revised proposal and requested to accord necessary permission for the same.
11. As such, this office vide letter cited under reference 3rd above has requested the Six laning DPR Consultant, Supervision Consultant of the subject stretch to examine the complete proposal of the Executive Engineer, RWS&S Division, Kurnool and the recommendation of the Consultants on the proposal may please be communicated by duly signing the drawings/checklist submitted by The



Executive Engineer, RWS&S Division, Kurnool & keeping in view all the standard conditions issued vide Ministry / NHAI Circulars.

12. The proposal to be considered is as under.

- | | | |
|---|---|--|
| (a) Length of pipeline to be laid | : | 46.160 km (45.500 Km along the road + 660 mts across the road) |
| (b) Depth at which pipeline proposed to be laid | : | min. 1.2 m from ground level |
| (c) Location to be laid (strip plan) | : | In the utility corridor / Right of way of NHAI |
| (d) No. of crossings | : | 11 nos. |

13. Following particulars are furnished by the Applicant with the proposal.

- (a) Application & check list
- (b) Undertaking to submit the Bank Guarantee as and when demand raised by the NHAI.
- (c) Undertaking for payment of license fee / lease rental as and when demand raised by the NHAI.
- (d) License agreement on stamp papers
- (e) Undertakings for Relocation of pipeline as and when required
- (f) Route plan

14. Further, DPR Consultant vide their letter no.0642 dtd 27.04.2023 & Supervision Consultant vide their letter under reference (1) above (copies enclosed) has informed that their team has also inspected the above said locations and reviewed the clarification and the necessary documents submitted by the Executive Engineer, RWS&S Division, Kurnool and verified all the points in accordance with the latest Ministry Guidelines vide letter no. RW/NH-33044/29/2015/S&R dtd 22.11.2016 and submitted the report as detailed below,

- (i) The Executive Engineer, RWS&S Division, Kurnool submitted their proposal for laying of Water supply Pipeline. The locations of the proposal across the NH-44 are from Km 253.200 to Km 291.400.
- (ii) The ROW details as per available records are 60 mts.
- (iii) The agency submitted the necessary methodology, undertakings and check list for laying of Pipeline found in accordance with the latest Ministry guidelines.
- (iv) The road may be widened to 6 Lanes in future. The agency submitted the undertaking that shifting / extending the Pipeline as and when necessary is to be carried out at their own cost.
- (v) The proposed crossings of pipelines should be laid at a distance of minimum 15mts away from the existing structures

15. In view of the above, the Consultants has opined that the permission may be accorded to The Executive Engineer, RWS&S Division, Kurnool to lay Pipeline with 1.2m depth along entire proposed stretch.



16. In this regard, it is to inform that the proposal submitted by the Executive Engineer, RWS&S Division, Kurnool is in order and in accordance with MoRT&H guidelines. The certificate in respect of conformity of the proposal is enclosed.
17. In view of the above, approval of the Competent Authority is sought for laying Pipeline in the utility corridor of NH in the stretch from Km 253.200 to Km 291.400 by the Executive Engineer, RWS&S Division, Kurnool for a length of 46,160m (45,500m along the road + 660m across the road).

Yours faithfully

Encl: As above (1 set of proposal)


(J.L. Meena)

DGM (Tech.) & Project Director

**CERTIFICATE IN RESPECT OF PERMISSION FOR LAYING OF WATER PIPELINE FROM KM
253.200 TO KM 291.400 ALONG & ACROSS THE HYDERABAD BANGALORE
ROAD SECTION OF NH44**

It is hereby certified as under

1. All the standard conditions issued vide Ministry / NHAI Circulars are incorporated in the proposal and the same is herewith confirmed.
2. The available width of ROW is 60 m in the stretch from Km 253.200 to Km 291.400 on BHS. Sufficient ROW is available to accommodate six-laning in future.
3. The permission after approval will be recorded in a "Register of Permissions" in the prescribed proforma.

(J.L. Meena)

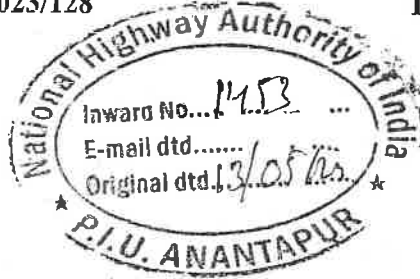
DGM (Tech.) & Project Director

AHME-1

Letter No. SAICPL-UIC/ATP/NHAI/2023/128

Date: 11-05-2023

To,
The Project Director,
National Highways Authority of India,
6-4-239, 3rd Cross, Maruthi Nagar,
Anantapuram – 515004.



Dear Sir,

Sub: Consultancy Service of Supervision Consultancy Services (SC) for Operation and maintenance of Hyderabad – Bangalore section from Km.211.000 to Km.462.164 of NH 44 (Old NH 7) in the state of Andhra Pradesh: **Permission for Laying of Water Pipeline along Kurnool to Ananthapur NH-44 Road from km 253/4 to 291/4 for the length of 46.160 km- Permission for laying of pipeline along and across the NH 44-Observations communicated-Reply submitted - Reg.**

- Ref:**
1. NHAI/PIU-ATP/11021/23/NOC/0424 dtd.21.04.2023
 2. NHAI/PIU-ATP/11021/23/NOC/0354 dtd.31.03.2023
 3. Ministry's Circle no.RW/NH-33044/27/2015-S&R(R) dated 22.11.2016
 4. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 11.04.2023
 5. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.03.2023
 6. NHAI/PIU-ATP/11021/23/NOC/1032 dtd 12.10.2022
 7. NHAI/PIU-ATP/11021/23/NOC/325 dtd 24.03.2023
 8. DPR Consultant, M/s Aarvee associates letter no.4673 dtd 10.10.2022
 9. NHAI/PIU-ATP/11021/23/NOC/0875 dtd 01.09.2022
 10. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.08.2022

The Project Director, NHAI, PIU, Anantapur, in the reference 1st cited above has requested The Team leader, DPR Consultant, Aarvee Associates to inspect the site and furnish comments/ observations in respect of the above proposal submitted by Executive Engineer RWS&S(P) Division, Nandyal & keeping in view of the ongoing OFC duct work and remaining all Utilities etc..all the standard conditions issued vide Ministry / NHAI Circulars.

The SC Team has inspected the site and submit herewith the observations as follows:

1. Executive engineer, RWS&S (P) Division, Nandyal in their vide reference letter (5) has submitted the revised proposal for Laying of Water Pipeline along Kurnool to Ananthapur NH-44 Road from km 253/4 to 291/4 for the length of 46.160km(45500 metres along the road and 660metres across the road) - The proposed length is completely on RHS of MCW and within ROW is available, It is submit that from KM 290/5 to KM 290/8 RHS the row is restricted due to road alignment on the curve, therefore said location Drinking water pipe line Shall be laid beyond the ROW for about 300 metres length.
2. Keeping in view of proposed Optical Fibre Cable (OFC) duct of NHLML on LHS of the proposed site, Executive engineer, RWS&S (P) Division has informed that the proposed Drinking water pipe line will be laid in utility corridor at depth more than 2m without disturbing the proposed OFC duct which is to be laid at 1.5m depth, if any Cross Drinking pipeline passing through LHS OFC duct of NHLML on LHS of the Proposed Site.

YR. Subramanya
11-5-23

3. The EE RWS&S(P) division, Nandyal has submitted revised proposal duly enclosing check list, AFFIDAVIT/ UNDERTAKIN AS PER SL.NO.5 OF CHECK LIST, UNDERTAKING, INDEMNITY BOND AND AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSION FOR LAYING PIPELINE the above document were verified and the same are as per the MoRTH guidelines dated 22.11.2016.
4. The proposed pipeline starts at chainage NH-44 from at **Km 253/2 to 266/8 RHS**, from **KM 263/4 to 290/5 RHS**, from **KM 271/0 to 275/2RHS**, and from **Km. 290/8 to 291/4 RHS** along the NH-44 for total length 45.500km, and across the road at the below mentioned chainages for length of 660metres and total length of Drinking water pipe line for length of 46.160kmts (45500 metres along the road and 660metres across the road).

Across the road proposed pipe line crossing at the following chinages.

SL.NO	01	02	03	04	05	06	07	08	09	10
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	277/3	282/3	291/0

As per the site condition it is observed the proposed crossing pipe lines at below locations comes under existing VUP (Dhone exit) and PUP (Pothidoddi) and sl no 05 comes under U kotthapalli Junction.

SL.NO	04	05	10
FROM	263/4	264/8	290/9
TO	263/6	265/0	291/0

SC is here with informing that the proposal was found to be in order and it is requested to take further action after obtaining the comments of team leader Mr. Arvee Associates for granting permission, for Laying of Water Pipeline along Kurnool to Ananthapur NH-44 Road from km 253/4 to 291/4 for the length of 46.160 km- Permission for laying of pipeline along and across the NH 44 duly stipulating the following conditions.

- Expenditure, if any incurred by NHAI for repairing any damage caused to the National Highway while laying, maintenance or shifting of water pipeline will be borne by the agency owning the line.
- If any cross pipeline laying across / near to existing structures of NHs to ensure minimum 15 meters distance away from existing structures of National Highways.
- The agency may be informed to submit the undertaking of Avenue plantation in 1:5 ratios if any damages occurred during the work progress.
- The Agency may be informed that no deviations are encouraged beyond the approved proposal .If any deviations found at site, hence fourth the work will be stopped at any stage.
- The Agency may be informed that if any damages occurs to the utilities and NHAI Furniture's during work in progress, if so found damages the Authority has right to claim the present cost of the same from the agency in 1:5 ratio and to that effect sufficient BG may be obtained.


YR. Subram
11-5-23

Hence, it is requested to take further action after obtaining the comments of team leader Mr. Aarvee Associates.

This is for information and necessary action Please.

Assuring best of our services at all times.

**For SA Infrastructure Pvt. Ltd., in association
With Upham International Corporation.**


YrSubramanyam
Team Leader

Copy to: 1. Authorized Signatory SA Infrastructure Pvt. Ltd., Noida.





aarvee associates
architects engineers & consultants pvt. ltd.
An ISO 9001:2008 Certified Company

Letter No. AA/HW/NHAI/2446/2023-24/0642

Date: 27.04.2023

To,
The Project Director
Project Implementation Unit (PIU),
National Highways Authority of India,
Anantapur, Andhra Pradesh.

Sub: DPR - Consultancy Services for preparation of DPR for "Augmentation of existing 4 lane Section of NH-44 from Km.211.00 (Kurnool) to Km. 534.72 (Devanahalli Village in the State of Karnataka) to 6 lane Partial Access Controlled Highway in the State of Andhra Pradesh & Karnataka"- **RWS & S (P) Division, Nandyal - "Permission for lay water pipeline along Kurnool - Anantapur of NH 44 road from Km 253/4 to 291/4 for total length of 45.80 Km and across the road under NHAI" - Report Submitted-reg**

Ref: 1 NHAI Letter No. NHAI/PIU-ATP/11021/22/NOC/0875 Dt.01.09.2022
2 Letter No. AA/HW/NHAI/2446/2021-22/3894 Dt.05.09.2022
3 Letter No. AA/HW/NHAI/2446/2021-22/4673 Dt.10.10.2022
4 NHAI Letter No. NHAI/PIU-ATP/11021/22/NOC/1032 Dt.12.10.2022
5 NHAI Letter No. NHAI/PIU-ATP/11021/22/NOC/0424 Dt.24.04.2023

Dear Sir,

This has reference to the letters cited on subject matter. PD-PIU-Anantapur while enclosing the proposal for laying water pipeline from Km.253+400 to 291+400 on Hyderabad-Bangalore section of NH-44, requested us to inspect the site and furnish a detailed report vide letter 1st cited above. DPR consultant examined the above proposal keeping in view of the provisions of 6-laning DPR of NH-44 and furnished the comments and requested the PD-PIU-Anantapur to take further necessary action as per MoRT&H Guidelines No.RW/NH-33044/29/2015/S&R (R) dt.22.11.2016 and its subsequent amendments vide letter 2nd cited above.

2. Further, PD-PIU-Anantapur has been informed that as per the Ground penetration Radar report, underground pipelines & OFC cables are found under the utility corridor of the Project Highway and applicant may be requested to explore the option of laying the water pipeline outside of RoW. Accordingly, PD-PIU-Anantapur informed the applicant that proposal of laying water pipeline along the said locations may not be allowed and as such proposal was returned vide letter 4th cited above.

3. Subsequently, the officials of RWS&S and NHAI have jointly inspected the subject stretch on 28.02.2023 and found that there are existing utilities viz., water supply pipelines, OFC cables, Electric lines, ROW restrictions etc., along the proposed stretch and there is a proposed work of construction of utility duct for OFC Cables on LHS in the utility corridor of the subject stretch and for which the agency is also mobilized at site by NHAI.

4. Further, RO-NHAI-Vijayawada & PD-PIU-Anantapur along with officials of RWS & S inspected the site on 09. 03.2023. During the site visit, RO-NHAI-Vijayawada requested the officials of RWS & S to shift the existing water pipelines to extreme edge of RoW at their own cost.

5. In this connection, PD-PIU-Anantapur while enclosing the revised proposal, requested to examine the proposal and furnish the comments vide letter 5th cited above. The comments are as under:

- i. Applicant has proposed to lay the water pipeline from Km.253+400 to 291+400 (RHS).
- ii. There are already pipelines are laid from Km.253+200 to 262+000 (RHS) and Km.286+000 to 291+400 (RHS).
- iii. Service road has been proposed on entire project highway on both sides.
- iv. It is to mention that 1 No's ROB, 14No's Minor Bridges, 6 No's VUPs and 5 No's PUPs are existed on the section from Km.253+400 to 291+400. Further, 6No's VUPs, 9No's LVUPs, and 3 No's Flyovers have been proposed at aforesaid section as per the Draft Detailed Project Report. The list is enclosed at **Annexure- I**. The Following TCS has been proposed as per the Draft Detailed Project Report.

S. No	Description	TCS No.
1	Typical Cross Section for Widening of Existing 4-Lane to 6-Lane with raised median	IA
2	Typical Cross Section for Widening of Existing 4-Lane to 6-Lane with service roads on both sides (retained)	IB
3	Typical Cross Section for Widening of Existing 4-Lane to 6-Lane with raised median and service roads on both sides	II
4	Typical Cross Section for Widening of Existing 4-lane to 6-lane with raised median and service roads on both sides (Footpath cum drain)	IIIA
5	Typical Cross Section for 6-Lane LVUP/VUP/Flyover approach with service roads on both sides (New Construction)	IVA
6	Typical Cross Section for Widening of Existing 4-Lane to 6-LVUP/VUP/Flyover approach with service roads on both sides (Widening)	IVB
7	Typical Cross Section for Existing 6-Lane PUP/LVUP/VUP/Flyover approach (retained)	VA
8	Typical Cross Section for Existing 6-Lane PUP/LVUP/VUP/Flyover approach (retained)+ reconstruction of service roads with drains on both sides	VB

(iv) As per the above mentioned Typical Cross sections, provision for Utility

Corridor of 2m has been made at the edge of RoW for accommodating the Utilities. The Copy of TCS is herewith enclosed for ready reference.

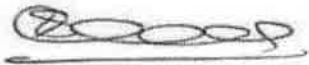
In view of the above, permission may be granted subjected to the following conditions.

- (i) Applicant shall lay the pipelines only in the utility corridor at extreme edge of RoW.
- (ii) The HDD method shall be used for crossing locations.
- (iii) The work shall be carried out in presence of existing Concessionaire/ O&M Contractor and Independent Engineer/Supervision consultant as per good industry practice.
- (iv) Applicant shall shift the utilities at their own cost during the six laning of project. Shifting cost shall not be claimed from the NHAI.
- (v) In case, any damages occur to the Highway assets while laying of pipelines, the damages shall be rectified by applicant at their own cost as per the IRC & MoRT&H Standards.
- (vi) Care must be taken while laying proposed pipelines to insure not to damage the existing utilities. In case, any damages occur to existing utilities during laying/maintaining above pipelines, applicant shall be the sole responsible for the damages caused.
- (vii) There should not be hindrances to the traffic movement on Project Highway during laying of pipeline and safety measures shall be ensured.
- (viii) Applicant shall fulfil the all the conditions stipulated in the MoRT&H Guidelines No.RW/NH-33044/29/2015/S&R (R) dt.22.11.2016 and its subsequent amendments.

This is submitted for information and necessary action.

With Best Regards,

for Aarvee Associates Architects Engineers & Consultants Pvt. Ltd.,



(S. S Reddy)

Team Leader cum Senior Highway Engineer

Enclosed: As stated.

Copy to:

1. Regional Officer, NHAI, Vijayawada – for kind information.

EXISTING/PROPOSED STRUCTURES**(1) Details of ROB's:**

S. No	Design Chainage (Km)	Existing Span Arrangement (m)	Bridge Configuration	Recommendation
1	261+689	LHS: 3 x 13.50 (Exp) RHS: 1 x 40.2 + 2 x 20.0 (Exp)	LHS: 2 Lane RHS: 3 Lane	LHS: D & R RHS: Retained

(2) Details of Minor Bridges:

S. No	Design Chainage (Km)	Existing Span Arrangement(m)	Existing Lane Configuration	Proposed Span (m)	Recommendation
1	256+135	2 x 5.40 (Clear)	3 lane + M + 3 lane	-	MCW-Retained SR-New
2	258+861	3 x 15.20 (Exp)	2 lane + M + 3 lane	3 x 15.20	D & R
3	259+849	4 x 6.80 (Exp) on LHS, 2 x 13.80 (Exp) on RHS	2 lane + M + 3 lane	2 x 13.80	MCW(LHS-D&R RHS-Retained) SR-New
4	265+543	2 x 6.50 (Clear)	3 lane + M + 3 lane	2 x 6.0(clear) Sk	D & R
5	265+738	1 x 8.0 (O/O) (Skew)	3 lane + M + 3 lane	1 x 7(clear) Sk	D & R
6	270+870	1 x 7.80 (O/O) on LHS, 1 x 8.30 (O/O) on RHS	3 lane + M + 2 lane	1 x 6.30 (clear)	D & R
7	273+128	2 x 6.30 (Clear)	3 lane + M + 3 lane	-	MCW-Retained SR-New
8	275+139	3 x 11.30 (Exp) (Skew)	3 lane + M + 3 lane	3 x 11.30 (Exp) Sk	MCW-Retained SR-New
9	280+118	3 x 13.20 (Exp)	3 lane + M + 3 lane	3 x 13.20(Exp)	MCW-Retained SR-New
10	280+895	1 x 7.0 (O/O)	3 lane + M + 3 lane	1 x 6.0(clear)	D & R
11	282+635	1 x 7.30 (O/O)	3 lane + M + 3 lane	1 x 6.5(clear) Sk	D & R
12	286+024	1 x 7.50 (O/O)	3 lane + M + 3 lane	-	MCW-Retained SR-New
13	288+815	1 x 9.0 (O/O) (Skew)	3 lane + M + 3 lane	-	MCW-Retained SR-New
14	290+776	2 x 7.20 (Exp) (Skew)	3 lane + M + 3 lane	2 x 6.30(clear) Sk	MCW-Retained SR-New

(3) Details of Grade Separator Structures:

a) Vehicular Under Passes (Existing):

S. No	Design Chainage (Km)	Existing Type/Proposed	Existing Span Arrangement	Proposed Span Arrangement(m)	Recommendation /Remarks
1	259+075	Flyover	-	1 x 15.0+ 1 x 30.0 +1 x 15.0	New
2	282+110	Flyover	-	1 x 15.0+ 1 x 30.0 +1 x 15.0	New
3	287+185	Flyover	-	1 x 15.0+ 1 x 30.0 +1 x 15.0	New

b) Vehicular Under Passes (Existing):

S. No	Design Chainage (Km)	Existing Type	Existing Span Arrangement(m)	TCS Type
1	260+328	VUP	20m span girders	Under Construction
2	263+463	VUP	20m span girders	Under Construction
3	265+300	VUP	1 x 11.0 (O/O)	Retained
4	284+240	VUP	1 x 12.80 (O/O)	Retained
5	285+088	VUP	1 x 11.40 (O/O)	Retained
6	286+882	VUP	1 x 13.0 (O/O)	D & R

c) Pedestrian Under Passes (Existing):

S. No	Design Chainage (Km)	Existing Type	Existing Span Arrangement(m)	Recommendation	Proposed Type	Proposed Span(m)
1	256+714	PUP	1 x 6.60	Retained	-	-
2	275+094	PUP	1 x 6.90 (O/O)	Retained	-	-
3	282+456	PUP	1 x 6.90 (O/O)	D & R	LVUP	1x12
4	285+837	PUP	1 x 6.60 (O/O)	Retained	-	-
5	291+086	PUP	1 x 6.60 (O/O)	Retained	-	-

d) Vehicular Under Passes (VUP's New Proposals):

S. No	Design Chainage (Km)	Proposed Type	Proposed Span Arrangement(m)	TCS Type
1	257+960	VUP	1 x 15.0	New
2	264+600	VUP	1 x 30.0	New
3	265+820	VUP	1 x 30.0	New
4	270+935	VUP	1 x 15.0	New
5	275+915	VUP	1 x 15.0	New
6	280+610	VUP	1 x 15.0	New

e) Light Vehicular Under Passes (LVUP's New Proposals):

S. No	Design Chainage (Km)	Proposed Type	Proposed Span Arrangement(m)	Recommendation
1	253+270	LVUP	1 x 12.0	New
2	254+513	LVUP	1 x 12.0	New
3	266+680	LVUP	1 x 12.0	New
4	268+390	LVUP	1 x 12.0	New
5	269+700	LVUP	1 x 12.0	New
6	272+200	LVUP	1 x 12.0	New
7	277+765	LVUP	1 x 12.0	New
8	278+680	LVUP	1 x 12.0	New
9	289+180	LVUP	1 x 12.0	New



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
NATIONAL HIGHWAYS AUTHORITY OF INDIA
(Ministry of Road Transport & Highways, Government of India)



परियोजना कार्यान्वयन इकाई - अनंतपुर
6-4-239, 3rd क्रॉस, मरुति नगर, अनंतपुर
PROJECT IMPLEMENTATION UNIT - ANANTHAPUR

6-4-239, 3rd Cross, Maruthi Nagar, Ananthapur - 515 004.
देली / Tele : 91-8554-275599 ई-मेल / Email : anantapur@nhai.org, nhaipiuatp@gmail.com

NHAI/PIU-ATP/11021/23/NOC/0424

21.04.2023

Team Leader

M/s. Aarvee Associates

Architects Engineers & Consultants Pvt. Ltd.

H.No. 8-2-5, Ravula Residency,

Srinagar Colony Main Road

HYDERABAD - 500 082.

Sub: RWS & S (P) Division, Nandyal - "Permission for lay water pipeline along Kurnool - Ananthapur of NH 44 road from Km 253/4 to 291/4 for total length of 45.80 Km and across the road under NHAI" - Permission for laying pipe line along the National Highway 44 -observations communicated reg.,

- Ref:**
1. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 11.04.2023
 2. This office letter no.354 dtd 31.03.2023
 3. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.03.2023
 4. This office letter no.325 dtd 24.03.2023
 5. This office letter no.1032 dtd 12.10.2022
 6. DPR Consultant, M/s Aarvee associates letter no.4673 dtd 10.10.2022
 7. This office letter no.0875 dtd 01.09.2022
 8. Executive Engineer, RWS&S (P) Division, Nandyal letter dtd 29.08.2022

Sir,

Executive Engineer, RWS&S Division, Kurnool vide letter under reference 8th cited has submitted the proposal for laying of water pipeline along the subject cited locations in Kurnool District and sought the approval.

2. In this connection, DPR Consultant vide letter no.4673 dtd 10.10.2022 has informed that as per the Ground penetration Radar report, existing underground pipelines & OFC cables are found along the utility corridor of the Project Highway. As such, applicant may be requested to explore the option of laying the water pipeline outside of ROW.
3. Therefore, NHAI, PIU Anantapur vide letter no.1032 dtd 12.10.2022 informed that the proposal of laying water pipeline along the said locations may not be allowed. As such, the proposal was returned.
4. Further, during the review meeting held with the Secretary, Department of Drinking water and Sanitation on 15.02.2023 regarding pending clearances for the subject work, it was instructed to conduct a joint site inspection by the RWS & NHAI department officials along with DPR Consultant of NHAI for identification of locations & feasible options towards laying of water pipelines keeping in view of proposed 6 laning of the subject stretch & without disturbing the existing utilities along the proposed locations.
5. Accordingly, the officials of RWS&S & NHAI have jointly inspected the subject stretch on 28.02.2023 and found that there are existing utilities viz., water supply pipelines, OFC cables, Electric lines, ROW restrictions etc., along the proposed stretch and there is a proposed work of construction of utility duct for OFC Cables

Building a Nation, Not Just Roads

[Signature]

on LHS in the utility corridor of the subject stretch and for which the agency is also mobilised at site by NHAI.

6. Further, RO, NHAI, Vijayawada inspected the subject cited proposed location on 09.03.2023 in presence to Superintending Engineer of RWS&S department and instructed that the PD & 6 laning DPR consultant to prepare a Kilometer-wise strip plan showing the proposed pipeline along with its diameter & width of land required for laying, existing utilities, utility duct and land restrictions at site for taking up the proposed pipeline in utility corridor of the above stretch. Further, keeping in view ongoing 6 laning DPR of NH-44, the RWS&S department officials were also instructed to take immediate necessary action towards shifting of existing pipelines pertaining to their department to the extreme edge of ROW at their own cost, which were already laid after obtaining requisite permission from NHAI
7. Accordingly, the kilometer-wise details showing the existing utilities, proposed utility duct by NHAI and proposed pipelines by RWS&S department, width & length of ROW available for laying has been prepared and requested to modify the proposal and re-submit the same as per available ROW and with all the relevant documents as per MoRT&H Guidelines dated 22.11.2016 for consideration of approval by Competent Authority of NHAI, keeping in view of proposed 6 laning, OFC duct on LHS, existing site restrictions & utilities on RHS.
8. In this regard, the Executive Engineer, RWS&S(P) Division, Nandyal vide letter cited under reference (3) above has submitted a revised proposal and requested to accord necessary permission for the same.
9. In this regard, the proposal has been examined and certain observations were communicated to Executive Engineer, RWS&S(P) Division, Nandyal vide this office letter cited under reference 2nd above and requested to submit the revised proposal
10. Now, the Executive Engineer, RWS&S(P) Division, Nandyal vide letter cited under reference (1) above has submitted a revised proposal and requested to accord necessary permission for the same.
11. In view of above, it is requested to inspect the site and furnish your comments/ observations in respect of the above proposal submitted by Executive Engineer, RWS&S (P) Division, Nandyal, keeping in view of the 6 laning work and all the standard conditions issued vide Ministry / NHAI Circulars, at the earliest for further necessary action.

Yours truly

Encl: As above

Received by
SA
12.03.23
24/4/23

Copy to:

Copy received by
K. Abresh
K. Abresh
K. Abresh Associates

(J.L. Meena)
DGM (Tech.) & Project Director

1. Regional officer, RO, NHAI, Vijayawada for kind information
2. The Team Leader, M/s. SA Infrastructure Consultants Pvt. Ltd., Anantapur for information and taking necessary action as per the MoRT&H Guidelines.
3. Executive Engineer, RWS&S (P) Division, Nandyal for information.



Executive Engineer,
RWS&S(P) Division,
Nandyal, 518501.

Dated: 11.04.2023

Ref: NHAI/PIU-ATP/11021/23/NOC/354 dated: 31.03.2023.

To

The National Highway Authority Of India,
P.I.U: 6-4-239, 3rd Cross, Maruthi Nagar,
Anantapur-515004,
Andhra Pradesh.

PA / S. S. S. S.
9/11/24

Dear sir,

Sub : Permission to lay water pipe line along Kurnool - Anantapur of NH-44 road from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4(RHS) for total length of 45.500 KM and across the road at following KM under NHAI, PIU- Anantapur.

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

Ref : Ministry's circle no RW/NH-33044/27/2015-S&R(R) dated 22.11.2016


In this context, we wish to inform you that we propose to lay Drinking Water Pipeline from Kurnool to Anantapur NH-44 along and across the road at above mentioned chainages for a total length of 45500 mts to facilitate Drinking water to the people in Dhone Constituency of Kurnool district.

We are herewith submitting a plan showing the proposed pipeline Path.

We proposed to excavate the work by open cut /HDD or any other suitable method to construct the Drinking water pipe line. The work shall be carried out as per standards guidelines and policies for laying of pipeline and construction of chambers for above said route.

Hence, we request you to kindly accord ROW permission.

Thanking you


Signature of applicant

Executive Engineer
RWS & S(P) Division, Nandyal

Encl: Plan showing proposed Drinking water path.

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		Remarks
1	General Information	Providing Drinking water supply to Dhone Constituency of Kurnool district .	
1.1	Name and Address of the Applicant/Agency	Executive Engineer, RWS&S Division Nandyal.	
1.2	National Highway Number	NH-44	
1.3	State	ANDHRA PRADESH	
1.4	Location	Jagadurthi Village to Pothidoddi Village.	
1.5	Chainage/K.m	KM 253/2 to 266/8 (RHS) ,from KM 263/4 to 290/5 (R.H.S),from KM 271/0 to 275/2 (R.H.S),from KM 290/8 to 291/4(R.H.S) for total length of 45.50 KM	From KM 290/5 to KM 290/8 (R.H.S) Restricted width of ROW due to road alignment to improve the curve.Therefore drinking water pipeline will be laid beyond ROW only for the above 300 mts.
1.6	Length in Meters	46,160 M (45,500 M along the NH44 road & 660 M across the road.)	
1.7	Width of available ROW		
	a)Left side from center line towards increasing chainage /km direction	30M	
	b)Right side from center line towards increasing chainage /km direction	30 M	ROW not available From KM 290.50 To KM 290.80 (300 Mts) due to road alignment to improve the curve.
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 chainage /km direction	KM 253/2 to 266/8 (RHS) ,from KM 263/4 to 290/5 (R.H.S),from KM 271/0 to 275/2 (R.H.S),from KM 290/8 to 291/4(R.H.S)	
1.9	Proposal to acquire the land	NA	
	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 if not then where to lay the pipeline	NA	
1.11	Details of already laid services, if any along the proposed route	YES	FROM 253.200 TO 259.200 (250 mm Dia Water Pipeline) & FROM 285.000 TO 291.400 (200 mm Dia Water Pipeline).Existing pipelines for total length of 10.5 Kms of RWS&S Department.
1.12	Number of Existing lanes(2,4,6,8 lanes)	4 lane	
1.13	proposed number of lanes (2lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not if YES then which side	NA	
	a)Left side from center line	13M to 16M	
	b)Right side from center line	13M to 16M	Service road is existing From Km 256.200 To Km 257.300,From Km 259.900 To Km 261.500,From Km 261.900 To Km 264.000 ,From Km 264.800 To Km 265.800 & From Km 291.000 To Km 291.400.
1.15	Proposed Service road	NA	
	a)Left side from center line		
	b)Right side from center line		

Nash
Associate

say N/A



Project Director
NHAI P.I.U., Anantapur.

Executive Engineer
RWS & S(P) Division, Nandyal
D.No. C-2-934, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 002.

1.16	Whether proposal to lay the utility is after the service road or between the service road and main carriageway	After Service Road	
1.17	Whether carrying of water pipeline has been proposed on highway/bridges if YES then mention the methodology proposed for the same	NA	
	Whether carrying of water pipeline has been proposed on the parapet/any part of the bridges. if YES then mention the methodology proposed for the same	NA	
	a)whether the existing drainage structures are allowed to carry the utility pipeline	NA	
	b)is it on a line normal to the NH	Yes	
	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	Yes	
	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.	Yes	
	Mention type of casing	MS PIPE	
	e)Ends of the casing pipe shall be sealed from the outside so that it does not act as a drainage path	Yes	
	g) The top of the casing 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	Yes	
	mention the proposed details		
	h)Mention the methodology proposed for crossing of road for the proposed Water pipe line. Crossing shall be by boring method HDD, specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	H.D.D	
	i)The casing 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	
1.18	No of applications on the same stretch	1	
1.19	Whether the case of multiple licenses	No	
1.2	if so furnish a joint implementation programmer to lay their respective ducts within stipulated time frame	NA	
	If crossing of the road involved if YES, it shall be through trench less technology	Yes By HDD method	

Handwritten signature
Associate



Handwritten signature
Project Director
NHAI P.I.U., Anantapur.

Handwritten signature
Executive Engineer
RWS & S(P) Division, Nandyal

Handwritten signature
TEAM LEADER
O&M Hyd-Bog NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

2	Document /Drawing to be enclosed with the proposal	Yes Enclosed	
2.1	Crosssection showing the size of the trench for open trenching method	Yes Enclosed	
2.2	Cross section showing the size of the pit and location of cable for HDD method	Yes Enclosed	
2.3	Strip plan/route plan showing the Drinking Water Pipeline chainage Width of ROW distance of proposed pipeline from the edge of ROW. Important mile stone Intersections ,cross drainage works etc...	Yes Enclosed as per Drawing	
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	Back Fill the Soil excavated with compaction @ every 300mm	
2.4.2	Horizontal Directional Drilling method(HDD method)	For NH Road Crossing,Approach Road,Acceleration & Deceleration Lanes and Fuel Station roads.	
2.4.3	methodology for laying of the pipeline through CD works and method of laying	Yes Enclosed	
	in cases where the carrying of water pipeline on the bridge becomes inescapable		
3	draft license agreement is signed by two witnesses	Enclosed	
4.1	Proformance Bank Gurantee		
4.2	confirmation of BG has been obtained or not as per MORTH /NHAI guide lines	BG shell be submitted as per NHAI Guidelines	
5	Affidafit /undertaking from the applicant from the following is to be furnished	Yes Enclosed	
5.1	Undertaking for not to damage any other utility ,if damaged then to pay the losses eithe to NHAI or to the concerned agency	Yes Enclosed	
5.2	Undertaking for renewal of BG as when asked by MORTH/NHAI	yes will be obtain after submission of BG	
5.3	Undertaking for confirming all standsard condition of Minsttry /NHAI guide lines	Yes Enclosed	
5.4	Shifting of pipeline as and when required by NHAI	Yes Enclosed	
5.5	Shifting due to 6 lanning/widening of NH	Yes Enclosed	
5.6	Undertaking for indemnity against all damages and claims	Yes Enclosed	
5.7	Undertaking for management of traffic moment during laying of utility line witout hampering the traffic	Yes Enclosed	
5.8	Undertaking that if any claim is raised by the concessionaire /contractor then the same has to be paid by applicant	Yes Enclosed	
5.9	Undertaking that text of the License dead 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	
	certificate from the applicat in the following format		

hash.
Aarvee Associates

hash.
Aarvee Associates



hash.
Project Director
NHAI P.I.U., Anantapur.

hash.
Executive Engineer
RWS & S(P) Division, Nandyal

hash.
TEAM LEADER
OWM Hyd-Bog NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 8-2/894, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

	ii)"we do undertake that I /we will relocate service road /approach road /utilities ay my/our own cost not withstanding the permission granted within such time as will be stipulated by NHA for future six laneing/any other development"		
	who will sign the agreement on behalf of Water pipeline agency	Executive Engineer, RWS&S Division, Nandyal.	
6	Power of attorney to sign the agreement is available or	Yes	
7	The project director will submit the following certificates		
	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.	Yes	
8	certificate from PD in the following format		
8.1	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.	Yes	
8.2	certificate for six laning from PD in the following format		
	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 ".	Yes	
	b)In case feasibility report is not available "I do certify that sufficient ROW is available at sight for accommodating proposed six laning"	Yes	
10	If NH section proposed to be taken up by NHA 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	Yes	
1	who wil supervise the work of laying of Water pipeline.		
	a)onbehalf of the applicant	Dy.Executive Engineer,RWS&S(P) Sub-Division,Dhone.	
	b)on behalf of MORTH /NHA	PD,NHA,PIU-Anantapur.	
12	Who will ensure that the defects in road portion after alying of drinking water pipeline are corrected and if not corrected then what action will be taken		


 TEAM LEADER
 GSM HYS-ENG NH-44
 SA INFRASTRUCTURE CONSULTANTS PVT LTD.
 D.No. G-2-094, 1st Floor,
 Ram Nagar, ANANTHAPURAM,
 Andhra Pradesh - 515 001.




Project Director
NHA P.I.U., Anantapur.


Executive Engineer
RWS & S(P) Division, Nandyal


 NHA

	a) on behalf of the applicant	Executive Engineer, RWS&S Division, Nandyal.	
	b) on behalf of NHAI	PD, NHAI, PIU-Anantapur.	
13	Who will pay the claims for damages done /disruption in working of concessionaire if asked by the concessionaire		
	on behalf of Applicant	Executive Engineer, RWS&S Division, Nandyal.	
14	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)		
15	If any previous approval is accorded for laying of drinking water pipeline then photocopy of register of records/permissions accorded (as maintained by PD) be enclosed.	No	

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

Executive Engineer
RWS & S(P) Division, Nandyal

naresh
Anjee Associates



SA Infrastructure

Project Director
NHAI P.I.U., Anantapur.

TEAM LEADER
O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-904, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Agreement
38153691681213624377-00071940
3815369 12/2021

AFFIDAVIT/UNDERTAKING AS PER SL.No.5 OF CHECK LIST

We, Executive Engineer ,RWS&S Division,Nandyal,Andhra Pradesh are laying pipe line from KM 253/2 to 266/8(RHS) ,from KM 263/4 to 290/5 (R.H.S),from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4 (R.H.S) for total length of 45.500 KM and across the road at following KM under NHAI , PIU-Anantapur.

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

as a part of Providing Drinking Water Supply Project to Dhone Constituency Kurnool District of AP ,
Under JJM and state plan Project grants under the limits of NHA1.

We hereby undertake to comply with the Standard Conditions of MORTH Guidelines:

1. Not to damage to other utilities, “if damaged then to pay the losses either to authority or to the concerned agency: Regarding the location of other cables, underground installation/utilities, etc. The Executive Engineer, RWS&S Division, Nandyal, Andhra Pradesh shall be responsible to ascertain from the respective agency in coordination with NH Dept. The Executive Engineer, RWS&S Division, Nandyal, Andhra Pradesh shall ensure the safety under security of already existing cables/underground installation/utilities facilities, etc. before commencement of the excavation.

2. Renewal of Bank Guarantee: The Executive Engineer, RWS&S Division, Nandyal, Andhra Pradesh shall furnish a Bank Guarantee at Rs.100/- per running meter to the NH Dept, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the pipe line by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50 m away from the edge of right of way. No payment shall be payable by NH Dept to RWS&S Engineering Department for clearing debris/loose earth. In case the work contemplated here with is not completed to the satisfaction of NH Dept, which has granted the permission, within a period of 11 months from the date of issue of Bank Guarantee, the RWS&S Engineering Department shall either furnish a fresh Guarantee or Extended guarantee for a period of one year. In case of the RWS&S Engineering Department failing to discharge the obligation of making good the excavated trench, the NH Dept shall have a right to make good the damages caused by excavation, at the cost of the RWS&S Engineering Department and recover the amount by invoking the Bank Guarantee furnished by the RWS&S Engineering Department.

3. Confirming all standard conditions Of MORTH:

A. The period of validity of way permission shall be co-terminus with the validity of license **given by The RWS&S Engineering Department.**

Executive Engineer
RWS & S(P) Division, Nandyal

B. The pipeline shall be laid at the edge of the right of way within 2 meters utility corridors. Further during the joint inspection the NHAI department has made some observations and comments on the proposal. Accordingly RWS&S proposed to lay the pipeline as follows

- (a) Total length of 45.5 Kms is proposed on RHS for laying of new pipeline by RWS & S Department. However, existing pipelines in 10.5 Kms length (From Km 253.2 to 259.2 and From Km 286.9 to 291.4), which will be shifted to the extreme edge of ROW by the RWS & S department.
- (b) For laying of pipeline through ROB at Km 262.000, permission has been obtained from SCR, Guntakal and a copy is enclosed for your reference.
- (c) Existing Forest section in a length 0.5 Kms (From Km 268.6 to 269.1) was observed, for which pipeline laying will be done after obtaining NOC clearances from the concerned Forest department.
- (d) Existing water body (Lake) in a length 0.9 Kms (From Km 279.4 to 280.3) was observed, for which pipeline laying will be done after obtaining permission from the concerned Irrigation department.
- (e) Existing Hilly terrain in a length 3.5 Kms (From Km 286.2 to 289.7) was observed, for which pipeline laying will be done by breaking the hard rock with means of Pneumatic breaker and the excavated trench will be backfilled with borrowed soil.
- (f) Due to shifting of road alignment to improve the curve towards RHS during 4-laning, there was a restriction of ROW in a length of 0.30 Kms (From Km 290.5 to 290.8) and hence pipeline will be laid beyond ROW in the above mentioned stretch of NH.

C. The top of the conduit pipe shall be at least 1.20 m below the surface of the road subject to being at least 0.3m below the drain inverts.

D. The licensee has to cross the NH by horizontal drilling method (trenchless technology only). In case any damage is caused to the road in this process, the RWS&S Engineering Department will be required to restore the same to the original condition at his own cost.

E. Existing CD works shall not be allowed for laying the pipeline and shall be caused by HDD method only.

F. No trenching will be done on the link road, boring methods will be used for crossing the cross road, Approach road, Acceleration & Deceleration lanes and Fuel station roads at the following chainages 261.84, 262.80, 266.50, 266.66, 270.94, 271.30, 273.20, 277.76 & 281.70 and the pipeline will be laid at the extreme edge of the road in the non-BT surface only.

G. The licensee shall inform/give a notice to the Govt. of AP, or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance bank Guarantee 100/- per meter length for maintenance/repair work shall have to be furnished by the RWS&S Engineering Department.

H. Each day, the extent of digging the trenches should be strictly regulated so that pipelines are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NH Dept.

I. The licensee shall indemnify the concerned agency in coordination with NH Dept. against all damages and claims, if any, due to the digging of trenches for laying cables/ducts.

J. The NH Dept. has a right to terminate the permission or to extend the period of agreement. In case RWS&S Engineering Department wants shifting, repairs or alteration to pipeline, telecom cables/ducts, he will have to furnish a separate bank guarantee.

K. The licensee shall not without prior permission in writing from the NH Dept or its authorized agency undertake any work of shifting, repairs or alterations to the said pipeline.

L. The permission granted shall not be deemed to convey to the RWS&S Engineering Department any ownership right or any interest in route/road/highway/land/property, either than what is herein expressly granted.


Executive Engineer
RWS & S(P) Division, Nandyal

M. During the subsistence of this agreement, the laying pipe line located in Highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NH Dept. So that the right of RWS&S Engineering Department to the use of there of shall not become absolute and indefeasible by lapse of time.

N. The RWS&S Engineering Department shall bear the stamp charged for the agreement.

O. The pipeline shall not be brought into use by the RWS&S Engineering Department unless a completion certificate to the effect that the laying drinking water pipeline has been laid in accordance with the approved specification and drawings and the trenches have been filled upto the satisfaction of the concerned agency in co-ordination with the owner has been obtained.

P. Not with standing anything NH Dept contained herein this agreement may be canceled at any time by the for breach of any condition of the same and the RWS&S Engineering Department shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.

Q. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NH Dept is required to do some emergent work, RWS&S Engineering Department will provide an observer within 24 hours NH Dept will not be responsible for any damage of any kind by whatsoever means natural or otherwise.

R. The enforceability of the right-of-way permission granted herein shall be restricted to the extent of provisions/scope of service contained /defined in the licensee agreement of the purpose for which it is granted. Either by content or by intent, the purpose of extending this right-of-way facility is not to enhance the scope RWS&S Engineering Department of the department of PR&RD.


4.Shifting of pipe line as and when required by NH Dept: The RWS&S Engineering Department shall shift the pipeline within 90 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NH Dept to shift /relocate the pipe lines, in case it is so required for the purpose of improvement /widening of road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.

5. Shifting due to 6 Laning /Widening of NH:After the termination/expiry of the agreement, the RWS&S Engineering Department shall remove pipelines within 90 days and the site shall be brought back to the original condition failing which the RWS&S Engineering Department shall furnish a Bank Guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50 m away from the edge of the right of way.

6. Traffic movement during laying of pipeline to be managed by the applicant:If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of RWS&S Engineering Department.

7. If any claim is raised by the concessionaire then the same has to be paid by the applicant:

The RWS&S Engineering Department shall be solely responsible/liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the RWS&S Engineering Department. The concerned agency in co-ordination with NH Dept shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the RWS&S Engineering Department. If the RWS&S Engineering Department fails to comply with the conditions 5 and 6 above to the satisfaction of NH Dept the same shall be executed by the NH Dept at the risk and cost of RWS&S Engineering Department.


Executive Engineer
RWS & S(P) Division, Nandyal

8. Laying of pipeline will not have any deleterious effects on any bridge components and roadway safety for traffic.

9. Prior approval of the NH shall be obtained before undertaking any work of installation, shifting or repairs or alteration to the showing pipeline located in NH ROW.

10. Expenditure, if any, incurred by NH for repairing any damages caused to NH by laying, maintenance of shifting of the pipeline will be borne by us owing the line.

11. if NH considers it necessary in future to move utility line for any work of improvement of repairs to the road, it will be carried out as desired by NH at our cost owing the utility line within a reasonable time(not exceeding 180 days)of the intimation given and more over this proposal is for the shifting of our pipeline damaged during highway expansion work.

12. We undertake that there will be no damage to plantation and Highway Property during the execution of pipeline work.

13. We undertake that the pipeline crossings will be made at a distance of minimum 15mts away from the existing structures.


Executive Engineer,
RWS&S Division, Nandyal.
Executive Engineer
RWS & S(P) Division, Nandyal

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For Whom/ID Proof: :
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₹ 0000020/-
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Agreement
38153691681213599525-00071937
3815369 12/2021

UNDERTAKING

We, Executive Engineer, RWS&S Division, Nandyal do hereby undertake in reference to our ROW application for laying of raw water gravity main of Providing Drinking Water Supply Project to Dhone Constituency of Kurnool District Under JJM and state plan project along NH-44 from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4 (R.H.S) for total length of 45.500 KM and across the road at following KM under NHA I, PIU- Anantapur.

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/ 2	282/ 2	290/ 9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/ 3	282/ 3	291/ 0

We will relocate water pipe line/Utilities at our own cost notwithstanding the permission granted within such time as will be stipulated by NH for future 6 laning or any other development.


EXECUTIVE ENGINEER
RWS&S(P) DIVISION, NANDYAL.

Phone No: :
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C.H. MANOHAR :
For Whom/ID Proof:
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Agreement
38153691681213608525-00071938
3815369 12/2021

INDEMNITY BOND

Name of the work: Laying of Drinking Water Pipeline of Providing Drinking Water Supply Project to Dhone Constituency of Kurnool District Under JJM and state plan Project along NH-44 from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4 (R.H.S) for total length of 45.500 KMs and across NH-44 at

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

in the state of Andhra Pradesh.

Indemnity against all damages and claims as per Clause.No.15 of license deed.

We, Executive Engineer, RWS&S Division, Nandyal do hereby indemnify DGM(Tech)& Project Director, NHAI-PIU Anantapur, binding ourselves to pay all the losses and claims in respect of Dhone constituency water supply improvement of clear water Gravity main and Pumping From Dhone to Jagadurthi village and from Dhone to Pothudoddi Village NH-44 from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4 (R.H.S) along NH-44 (incl. Eleven road crossings) in the state of Andhra Pradesh.

Maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation there to. Failing such payments of claims in the above work we abide in accepting for recovery of such claims affected from any of our assets.


EXECUTIVE ENGINEER
RWS&S(P) DIVISION, NANDYAL.

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C.H. MANOHAR
For Whom/ID Proof:
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Agreement
3815369 16812136 15716-00071939
3815369 12/2021

AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS FOR LAYING PIPE LINE

Agreement to lay pipe line from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (RHS), from KM 271/0 to 275/2 (RHS) and from KM 290/8 to 291/4(RHS) for total length of 45.500 KM along NH-44 and across (includes 11 crossings) NH -44 as below

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

This agreement made this.....day of(month) ofyear between **National Highway Authority of India** acting in his executive capacity through(hereinafter referred to as "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and **The Executive Engineer, RWS&S Division Nandyal**, (hereinafter called the "Licensee") which expression shall unless excluded by repugnant to the context, include his successors / administrator assignees on the second part.

Whereas the National Highway Authority of India is responsible, inter-alia, for development and maintenance of lands in

Whereas the Licensee proposes to lay pipe line in from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4(RHS) for total length of 45.500 KM and across NH-44 at following chainages in the state of Andhra Pradesh.

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

Whereas the Licensee has applied to the Authority for permission to lay pipe line from KM 253/2 to 266/8(RHS), from KM 263/4 to 290/5 (R.H.S), from KM 271/0 to 275/2 (R.H.S) and from KM 290/8 to 291/4 (R.H.S) for total length of 45,500 Mts and across NH-44 at 11 previously mentioned chainages. whereas the Authority has agreed to grant such permission on the terms and conditions hereinafter mentioned.


Executive Engineer
RWS & S(P) Division, Nandyal

Now this agreement witnesses that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay pipe line as per the approved drawing attached hereto subject to the following conditions, namely.

1. Row permissions are only enabled in nature. The purpose of extending the way leave facility on the National Highway RoW is not for enhancing the scope of activity of a utility service provider, either By content or by intent. Further. Enforceability of the permission so granted shall be restricted only to The extent of provisions/scope of activities defined in the license agreement & for the purpose for Which it is granted.
2. No Licensee shall claim exclusive right on the RoW and any subsequent user will be permitted to use the RoW, either above or below, or by the side of the utilities laid by the first user, subject to technical Requirements being fulfilled. Decision of the Authority in relation to fulfilment of technical Requirements shall be final and binding on all concerned parties. In case any disruption/damage is Caused to any existing user by the subsequent user, the Authority shall not be held accountable or Liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site Identification, survey. design, engineering. arranging finance. project management. Obtaining Regulatory approvals & necessary clearances. supply of equipment, material. construction, erection, Testing and commissioning. maintenance and operation and all other activities essential or required for Efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs/sq m/month to the Authority. The License fee shall become Payable from the date of handing over of RoW land to the Licensee, for laying of Utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and Conditions for providing common utility ducts along National Highways, there shall be a separate Agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal. rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH. The utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of Row, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other roadside furniture etc; the utility services shall be laid beyond the toe line of the embankments and clear of the drain.
8. The Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed. In case, this is not feasible, the utility services may be carried outside the railings/parapets and the bridge superstructure. The fixing and supporting arrangement with all details shall be required to be approved in advance from the concerned Highway Administration. Additional cost on account of fixing and supporting arrangement as assessed by the Authority shall be payable by the Licensee.

9. In exceptional cases, where RoW is restricted the utility services can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility services be laid in concrete ducts, which will be designed to carry traffic on top. The width of the duct shall not be less than one lane. In such cases, it also needs to ensure that maintenance of the utility services shall not interfere with the safe and smooth flow of traffic. The cost of operation and maintenance will have to be borne by the Licensee.
10. It is to be ensured that at no time there is interference with the drainage of the road land and maintenance of the National Highways. Towards this, the top of the utility services shall be at least 0.6 meter below the ground level. However, any structure above ground shall be aesthetically provided for landscaped with required safety measures as directed by the concerned Authority;
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing/ conduit pipe should, as minimum, extend from drain to drain in cuts and toe of slope to toe of slope in the fills and shall be designed in accordance with the provision of IRC and executed following the Specifications of the Ministry.
12. Existing drainage structures shall not be allowed to carry the lines across.
13. The top of the casing/conduit pipe containing the utility services to cross the road shall be at least 1.2m below the top of the subgrade or the existing ground level whichever is lower, subject to being at least 0.3m below the drain inverts. A typical sketch showing the clearances is given in Attachment-1.
14. The utility services shall cross the National Highway preferable on a line normal to it or as nearly so as practicable.
15. The casing/conduit pipe for crossing the road may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cm wider than the outer diameter of the pipe. lining of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
- a. Bedding shall be to a depth not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles, and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edges should be excavated and replaced by selected material.
 - b. The backfill shall be completed in two stages (i) Side-fill to the level of the top of the pipe (ii) Overfill to the bottom of the road crust.
 - c. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
 - d. The road crust shall be built to the same strength as the existing crust on either side of the trench or to thickness and specifications stipulated by the Highway Authority.
17. The Licensee shall ensure making good the excavated trench for laying utility services by proper filling and compaction. so as to restore the land in to the same condition as it was before digging the

trench, clearing debris/loose earth produced due to execution of trenching at least 50 m away from the edge of the right of way;

18. All required restoration work subsequent to laying of the pipeline shall be required to be undertaken by the Licensee at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards.
19. Prior to commencement of any work on the ground, a performance Bank Guarantee @ Rs. per route meter Rs per sq m with a validity of one year initially (extendable if required till satisfactory completion of work) shall have to be furnished by the Licensee to the Authority/its designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc. In case of the Licensee failing to discharge the obligation of making good of the excavated trench/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.
20. In case, the Performance Bank Guarantee is invoked as mentioned above, the Licensee shall be required to replenish and reinstate the required Performance Bank Guarantee within one month of such invoking. In case the work contemplated herein is not completed to the satisfaction of the Authority, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, the Licensee shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. Notwithstanding this, the Licensee shall be liable to pay full compensation to the aggrieved Authority its designated agency for any damage sustained by them by reason of the exercise of the Row facility.
21. The Licensee shall shift the utility services within 90 days (or as specified by the respective Authority) from the date of issue of the notice by the concerned Authority to shift/relocate the utility services, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridge and restore the road/land to its original condition at his own cost and risk.
22. The Licensee shall be responsible to ascertain from the respective agency in co ordination with Authority, regarding the location of other utilities underground installations/ facilities etc. The Licensee shall ensure the safety and security of already existing underground Installations / utilities / facilities etc. before commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations/utilities/facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the Licensee. The concerned agency in co ordination with Authority shall also have a right make good such damages/ recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of License is subject to the Licensee satisfying (a) minimum disruption of traffic and (b) no damage to the highways. As far as possible, the Licensee should avoid cutting of the road for

crossing highway, and other roads and try to carry out the work by trenchless technology. In case any damage is caused to the road pavement in this process, the Licensee will be required to restore the road to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying utility services, the Licensee has to execute the restoration work in a time bound manner at its cost either by itself or through its authorized representative in consultation with the Authority as per predetermined time schedule and quality standards. In case of the Licensee failing to discharge the obligation of making good of the excavated trenchv/other restoration work, the Authority shall have a right to make good the damages caused by excavation, at the cost of the Licensee and recover the amount by forfeiture of the Bank Guarantee.

26. The Licensee shall inform/give a notice to the concerned agency designated by the Authority at least 15 day in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cables/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geotagged photographs and geo-tagged video recordings of laying of pipeline in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of work.

36. The Licensee shall allow free-access to the Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be canceled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring safety, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:
- a. operation, repair and maintenance guidelines given by the manufacturers.
 - b. the requirements of Law.
 - c. the physical conditions at the Site, and
 - d. The safety of operating personnel and human beings.
39. The Licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to traffic at all times. In case of single lane roads, a diversion shall be constructed. If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of Licensee.
41. After the termination/expiry of the agreement, the Licensee shall remove the utility services within 90 days and the site shall be brought back to the original condition failing which the Licensee will lose the right to remove the utility services. However before taking up the work of removal of utility services the Licensee shall furnish a Bank Guarantee to the Authority for a period of one year for an amount assessed by the Authority as a security for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the Row.
42. Any disputes in interpretation of the terms and conditions of this Agreement or their implementation shall be referred to the redress mechanism prevailing in the Ministry and the decision of the redress mechanism shall be final and binding on all.
43. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MORT&H/ NHAI/ implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a Stamp Paper, Each party to this Agreement has retained one stamped copy each.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE EXECUTED THROUGH THEIR RESPECTIVE AUTHORIZED REPRESENTATIVES THE DAY AND THE YEAR FIRST ABOVE WRITTEN.

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI.....
(Signature, Name & Address with Stamp)


Executive Engineer (Ch. Manoharan)
RWS & S(P) Division, Nandyal


SIGNED ON BEHALF OF M/S.....s.....(LICENSEE)

BY SHRI.....
(Signature, Name & Address with Stamp)


HOLDER OF GENERAL POWER OF ATTORNEY DATEDEXECUTED IN
ACCORDANCE WITH THE RESOLUTION NO.....DATED
PASSED BY THE BOARD OF DIRECTORS IN THE MEETING HELD ON

IN THE PRESENCE OF (WITNESSES)

1.


B. Somasekhara Srinivas
DEE/ RWS&S (P), Dharmavaram
with full priority

2


11/04/23
V. Manoj Kumar Reddy
AEE/ RWS&S (P), Dharmavaram

Methodology adopted for laying of pipe line

General

1. After thorough study of entire stretch of proposed pipeline laying, we have proposed to lay our pipe line along the road for a total length of 46,160 Mts in this 45,500 m by open trench method and 660 m by HDD method in between the below chainages of NH-44 combindely.

SL.NO	01	02	03	04	05	06	07	08	09	10	11
FROM	254/7	255/9	259/2	263/4	264/8	271/1	275/2	275/2	277/2	282/2	290/9
TO	254/8	256/0	259/3	263/6	265/0	271/2	275/3	275/3	277/3	282/3	291/0

2. We have proposed to lay our pipeline at 0.5 to 1.0 m from the extreme boundary according to the availability of space.

Protection technology in case of culverts /canals

1. Pipeline invert level will be kept above the water level in the drains or culverts by constructing abutments and thrust blocks at the ends and middle if necessary. However the same shall be discussed with the NHAI officials on case to case basis and pipe routing shall be decided as per their advice.

Methods

1. Open trench include Manual and Machine trenching
2. Trenchless technology by Horizontal Directional Drilling (HDD) Method
3. Bridge Crossing

Open trench method:

There will be a continuous digging following a single line in an open trench. The depth of the trench will be 1.0m to 1.4m in the normal soil condition. Open trench will be carried out manually and with machines. Cross section of the trench is attached herewith. Trench will be in ROW limits and will be marked with lime powder to keep it straight. Trench will be barricaded with safety signs. This method will be used wherever normal soil is available for open trench. Trench will be laid clear of drains, service roads, truck lay bays wherever existing on the Highways. In case of Hilly terrain pipeline laying will be done by breaking the hard rock with means of Pneumatic breaker by following safety measures and the excavated trench will be backfilled with borrowed soil.

Backfilling: Backfilling shall be done with well compacted Granular material after ensuring soft material padding. Adequate dry compaction shall be done before crowning. Compaction shall be done in layers of 15 cm each. The trench shall be filled up to the required height of 1.0m (measured from top of pipe trench cross section drawing attached in the proposal. A crown of 250 mm shall be made at top of backfilled trench to cater for soil settlement. No surplus soil shall be left outside the trench. Entire area shall be restored and debris removed and disposed off in a safe manner and in line with requirements of authority having jurisdiction over the area.

AHME-1

Executive Engineer

RWS & S(P) Division, Nandyal

Deputy Executive Eng

RWS & S (P) Sub-Division,

DMONE

Assistant Executive Engineer,

RWS & S (P) Sub-Division,


D. ONE


Methodology adopted for laying of pipeline

Installation of pipeline in crossings by Trenchless Techniques(HDD)

For the process of HDD excavation of only 2 pits each of standard size 1.5x0.5x1.65 is required which is called entry pit and exit pit. Pit size may vary based on 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 reamer. The reamer's diameter depends on the size of the duct 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 in the enlarged hole by the way of the drill stem. It is pulled behind the reamer to allow cantering of the duct in the newly renamed 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 manhole/hand-hole. The drilled hole profile between entry and exit pits (except transition areas) shall be as straight as possible.


Executive Engineer
RWS & S(P) Division, Nandyal



Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE


Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE


Jyoti Har

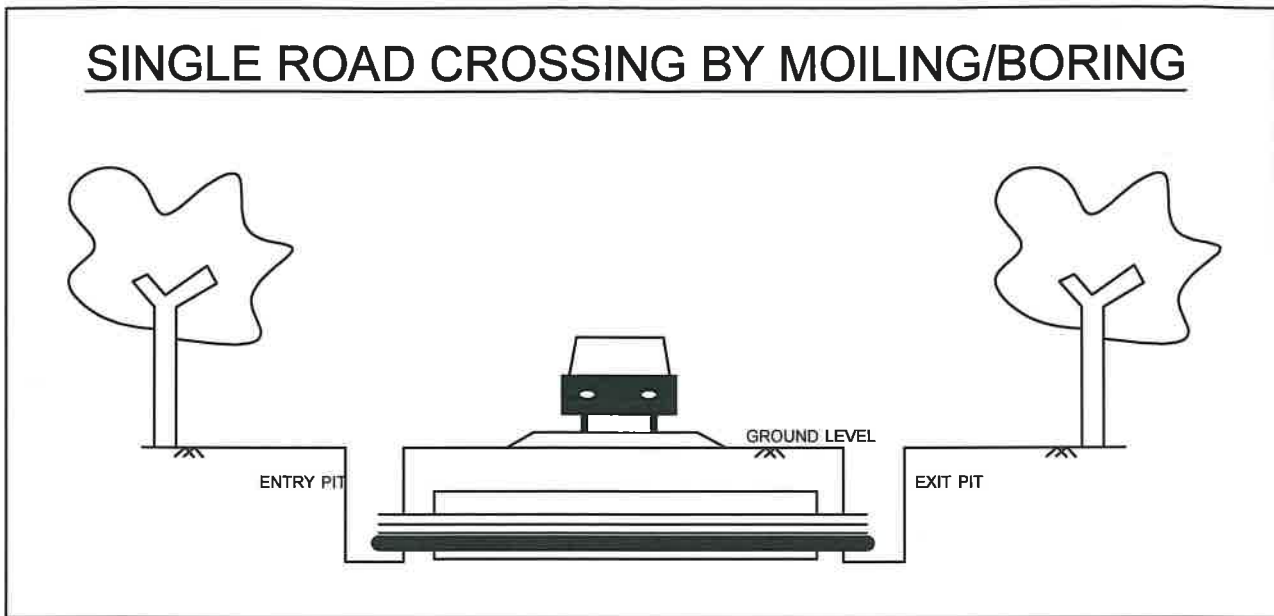

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Anjee


TEAM LEADER
O&M Hyd-Sng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-894, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Methodology adopted for laying of pipeline

SINGLE ROAD CROSSING BY MOILING/BORING



SINGLE ROAD CROSSING BY MOILING / BORING

Water Body Crossing

Water bodies and other natural obstructions can be crossed by open-cut method without using existing infrastructures such as bridges and culverts depending upon the availability of permissions from concerned authorities. In all cases, pipe line laying technique shall be such that protection of DI Pipe line is ensured. Necessary protection will be provided.

Crossings Cross roads, Approach Road, Acceleration & Deceleration Lanes and Fuel Station Roads

No trenching will be done on the link road, boring methods will be used for crossing the cross road, Approach road, Acceleration & Deceleration lanes and Fuel station roads. Pipeline will be laid at the extreme edge of the road in the non-BT surface only.

Crossing of a small river or channel by HDD

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.

Note: Trenchless technology will be used (e.g.: HDD) where ever available ROW is restricted and utility corridors cannot be conveniently earmarked.

TEAM LEADER
O&M Hyd-Brg NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-60-1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

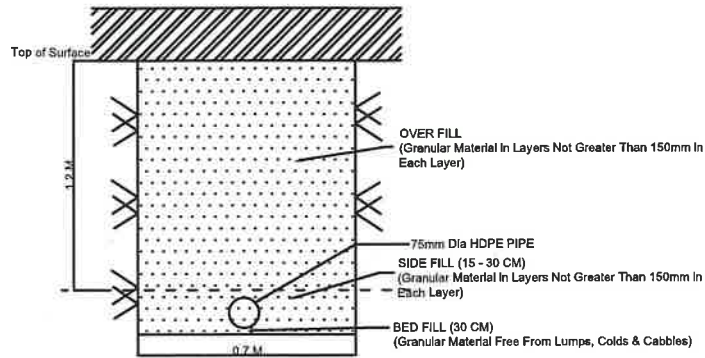
Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

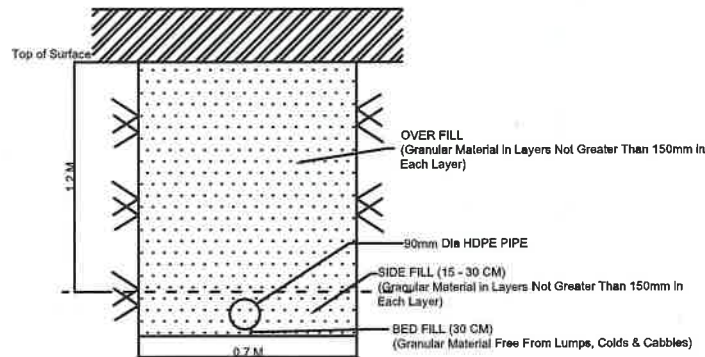
Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

INSTALLATION OF PIPE ALONG THE ROAD

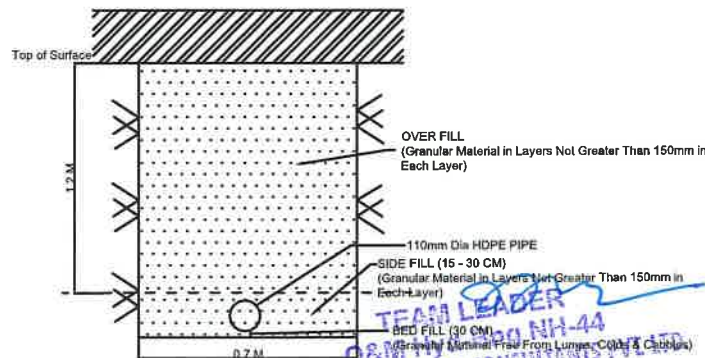
TRENCH CROSS SECTION FOR HDPE PIPE - FROM 253.2 KM TO 254.7 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 254.7 KM TO 256.0 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 256.0 KM TO 257.0 KM



Shash. Arvec Associate

Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE

Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

Project Director
NHAI P.I.U., Anantapur.

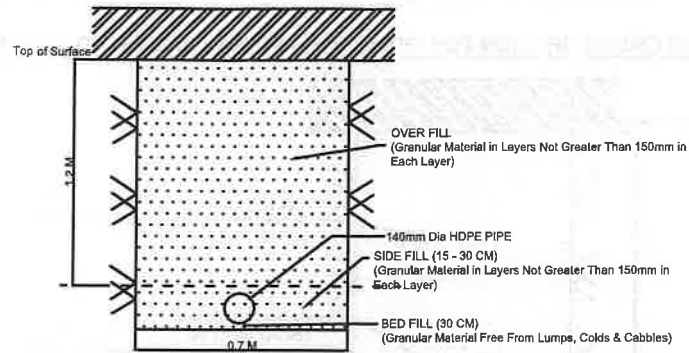
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-894, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001,

6/5/2012

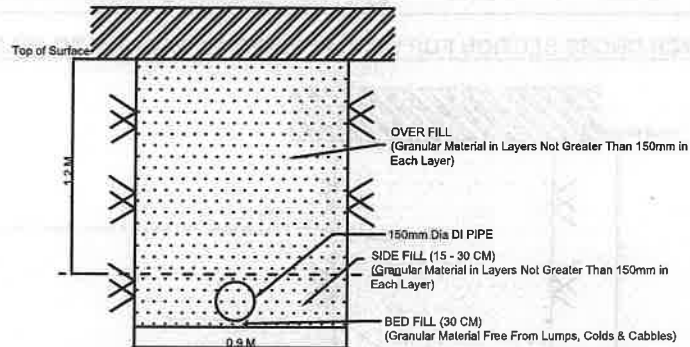
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11/04/23

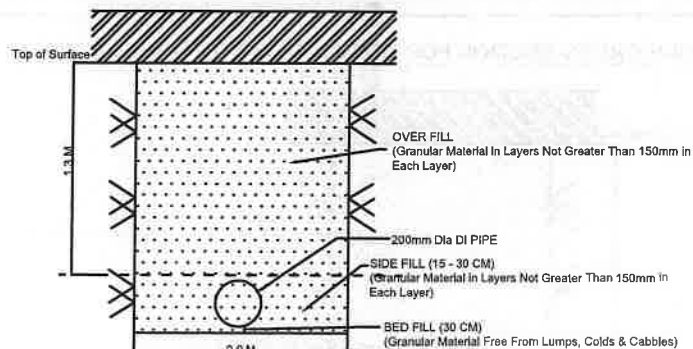
TRENCH CROSS SECTION FOR HDPE PIPE - FROM 257.0 KM TO 259.2 KM



TRENCH CROSS SECTION FOR DI PIPE - FROM 259.2 KM TO 260.4 KM



TRENCH CROSS SECTION FOR DI PIPE - FROM 260.4 KM TO 263.4 KM



SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. G-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

Project Director
NHAI P.I.U., Anantapur.

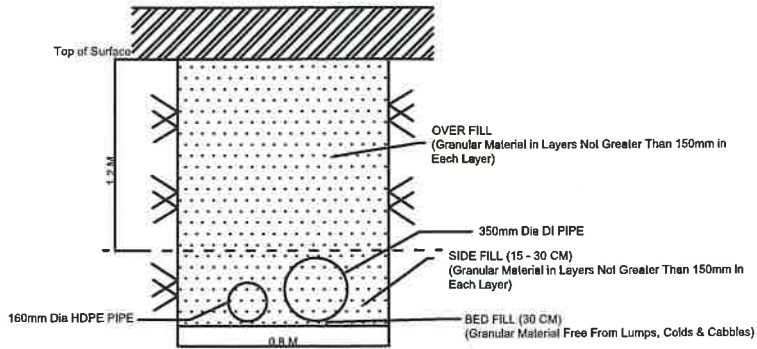
Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

SG NHAI

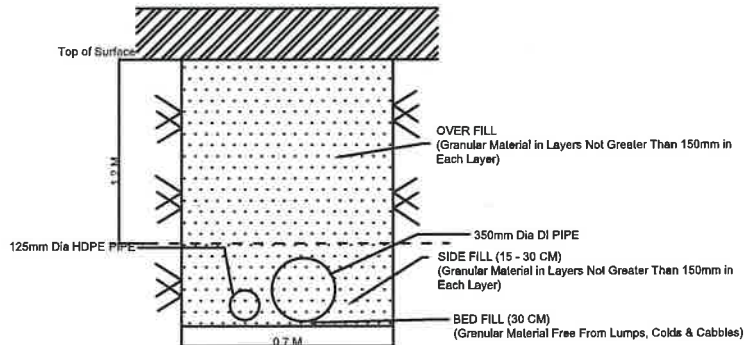
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Executive Engineer
RWS & S(P) Division, Mandyal

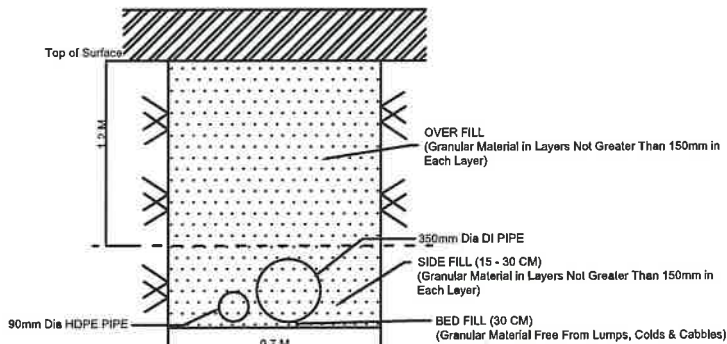
TRENCH CROSS SECTION FOR HDPE PIPE - FROM 263.4 KM TO 264.8 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 264.8 KM TO 265.4 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 265.4 KM TO 266.8 KM



TEAM LEADER

O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

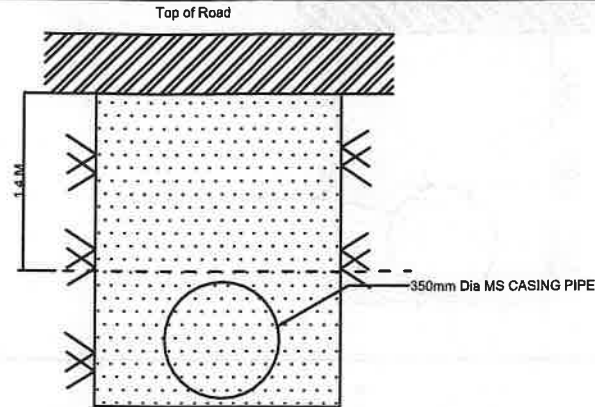
Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

Project Director
NHAI P.I.U., Anantapur.

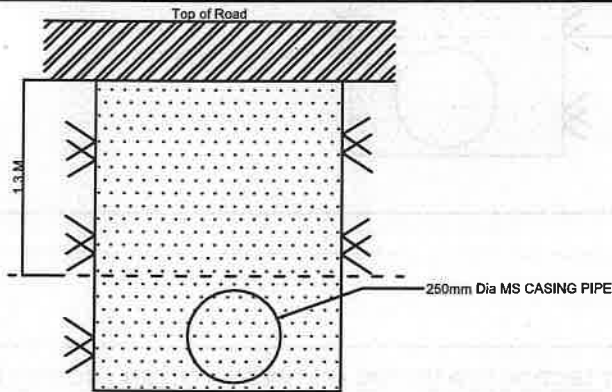
Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Executive Engineer
RWS & S(P) Division, Nandyal

HDD CROSS SECTION FOR MS PIPE - BETWEEN 281.8 KM AND 282.0 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 290.8 KM AND 291.0 KM



Project Director
NHAI P.I.U., Anantapur.

Executive Engineer
RWS & S(P) Division, Nandyal

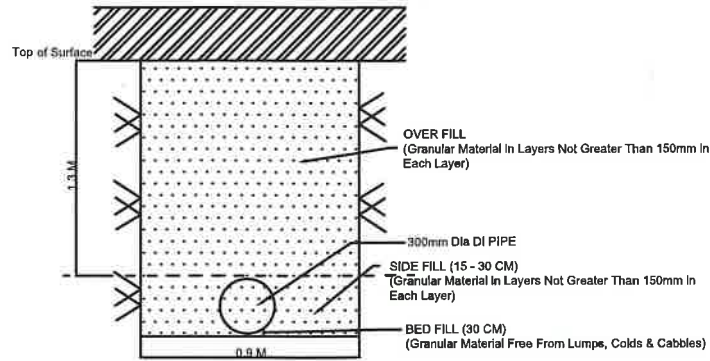
Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

TEAM LEADER
O&M Hyd-Bdg NH-04
SA INFRASTRUCTURE CONSULTANTS (P) LTD.
D.No. 6-2-894, 1st Floor,
Ram Nagar, ANANTHAPUR, A.P.,
Andhra Pradesh - 515 001.

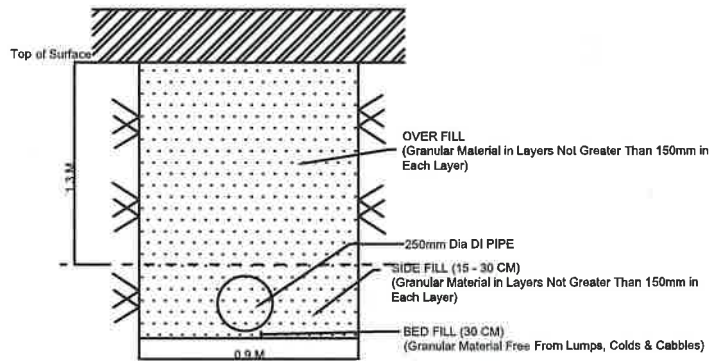
Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

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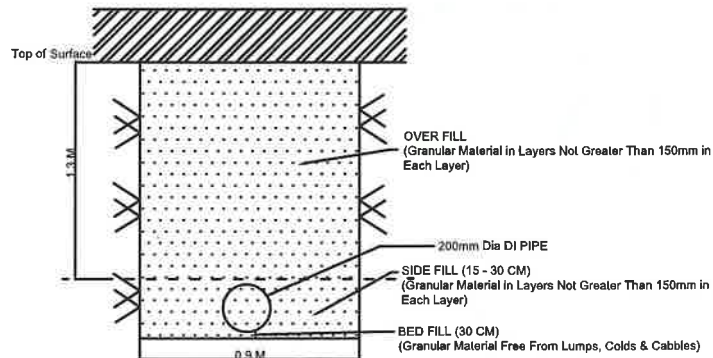
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TRENCH CROSS SECTION FOR DI PIPE - FROM 280.6 KM TO 282.0 KM



TRENCH CROSS SECTION FOR DI PIPE - FROM 282.0 KM TO 284.4 KM



Project Director
NHAI P.I.U., Anantapur.

TEAM LEADER

O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVE LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Executive Engineer

RWS & S(P) Division, Nandyal

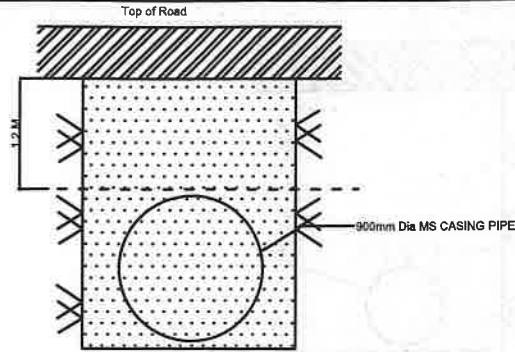
Deputy Executive Engineer

RWS & S (P) Sub-Division,
DHONE.

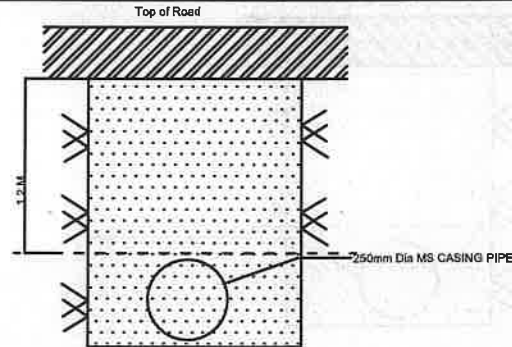
Assistant Executive Engineer

RWS & S (P) Sub-Division,
DHONE

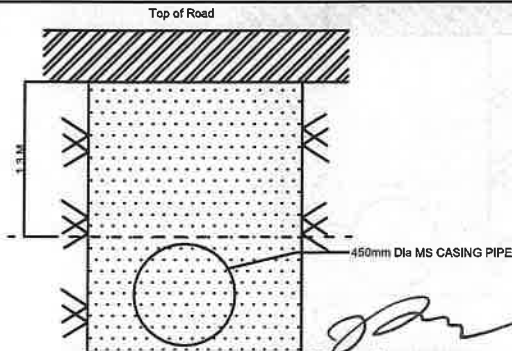
HDD CROSS SECTION FOR MS PIPE - BETWEEN 263.4 KM AND 263.6 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 264.8 KM AND 265.0 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 271.1 KM AND 271.2 KM



TEAM LEADER
O&M Hyd-Eng NH-44

SA INFRASTRUCTURE CONSULTANTS PVT LTD,
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001,

Project Director
NHAI P.I.U., Anantapur.

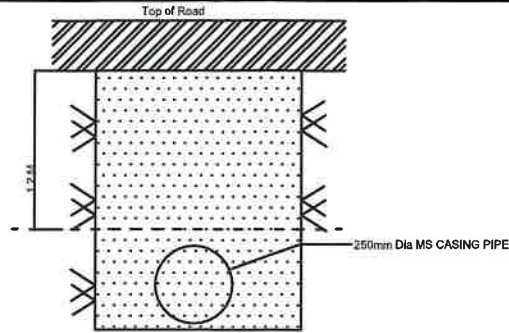
Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE

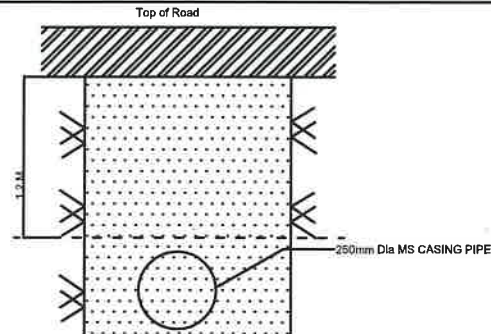
Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

INSTALLATION OF PIPE ACROSS THE ROAD

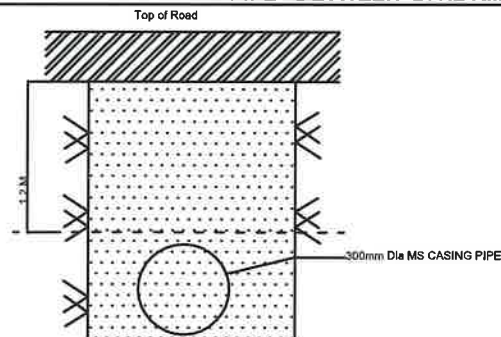
HDD CROSS SECTION FOR MS PIPE - BETWEEN 254.7 KM AND 254.8 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 255.9 KM AND 256.0 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 259.2 KM AND 259.3 KM



TEAM LEADER

O&M Hyd-Brg NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

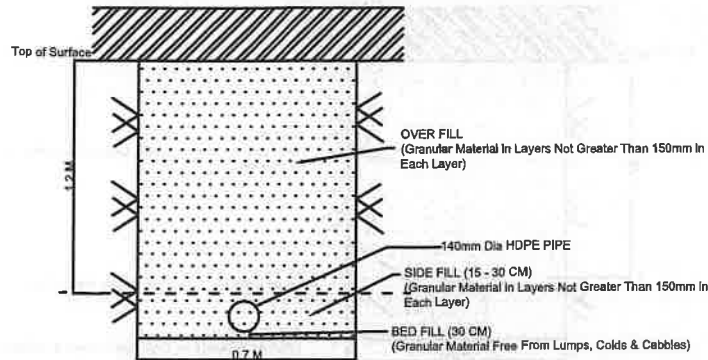
Project Director
NHAI P.I.U., Anantapur.

Executive Engineer
RWS & S(P) Division, Nandyal

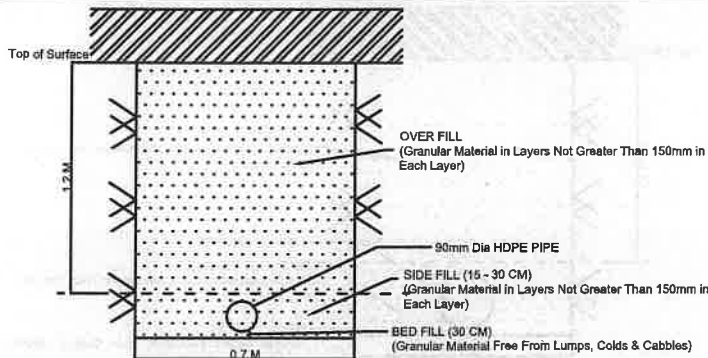
Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

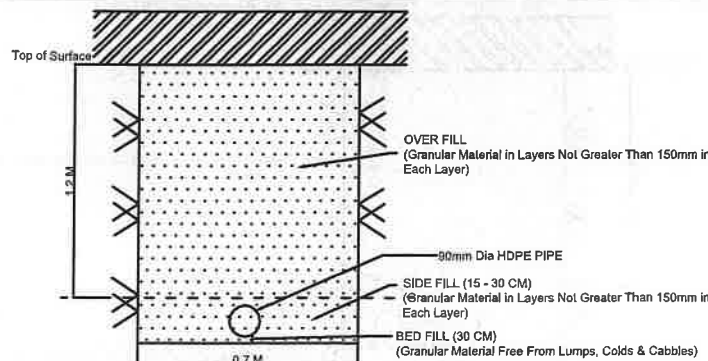
TRENCH CROSS SECTION FOR HDPE PIPE - FROM 284.4 KM TO 285.0 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 285.0 KM TO 290.5 KM



TRENCH CROSS SECTION FOR HDPE PIPE - FROM 290.8 KM TO 291.4 KM



Project Director
NHAI P.I.U., Anantapur.

AHME-1

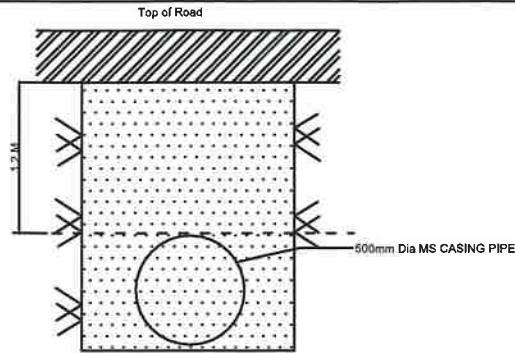
Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

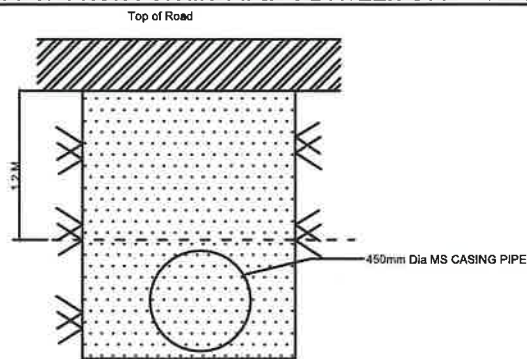
Assistant Executive Engineer
RWS & S (P) Sub-Division
DHONE

TEAM LEADER
O&M Hyv-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

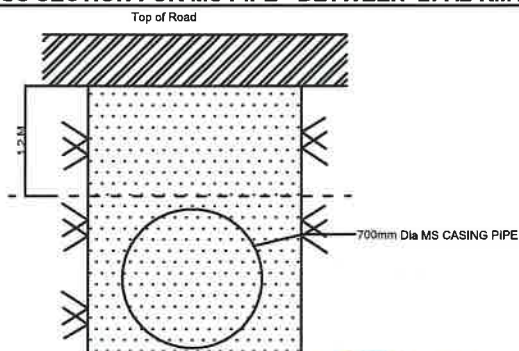
HDD CROSS SECTION FOR MS PIPE - BETWEEN 275.2 KM AND 275.3 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 275.2 KM AND 275.3 KM



HDD CROSS SECTION FOR MS PIPE - BETWEEN 277.2 KM AND 277.3 KM



Project Director
NHA I P.I.U., Anantapur.

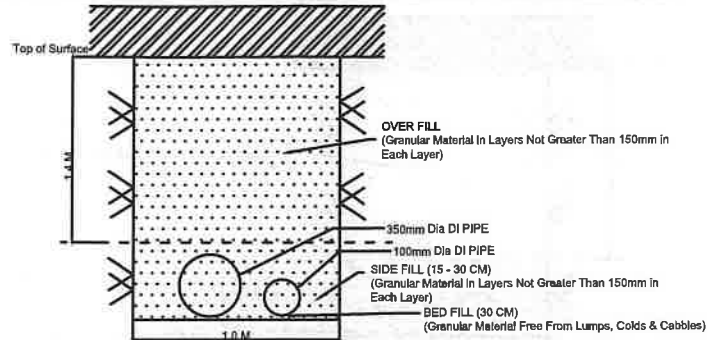
TEAM LEADER
O&M Hyd-Eng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Executive Engineer
RWS & S(P) Division, Nandyal

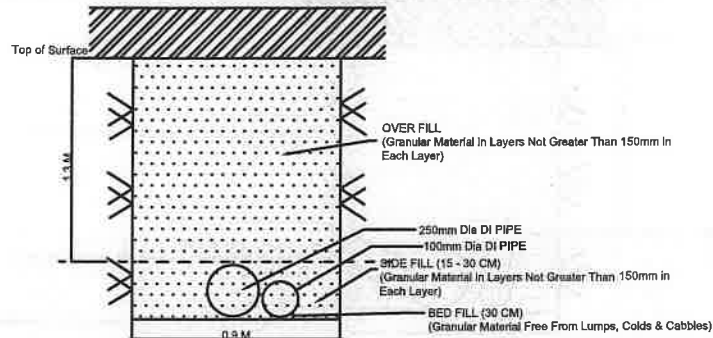
Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE.

Assistant Executive Engineer
RWS & S (P) Sub-Division,
DHONE

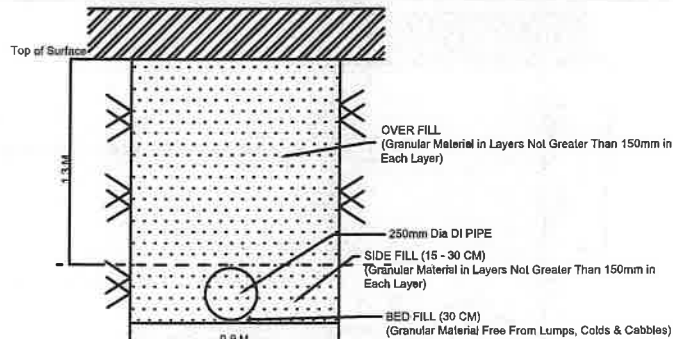
TRENCH CROSS SECTION FOR DI PIPE - FROM 266.8 KM TO 273.2 KM



TRENCH CROSS SECTION FOR DI PIPE - FROM 273.2 KM TO 275.2 KM



TRENCH CROSS SECTION FOR DI PIPE - FROM 275.2 KM TO 277.2 KM



TEAM LEADER

O&M Hyd-Bng NH-44

SA INFRASTRUCTURE CONSTRUCTION PVT. LTD.

Plot No. 6-2-894, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Deputy Executive Engineer
RWS & S (P) Sub-Division,
DHONE:

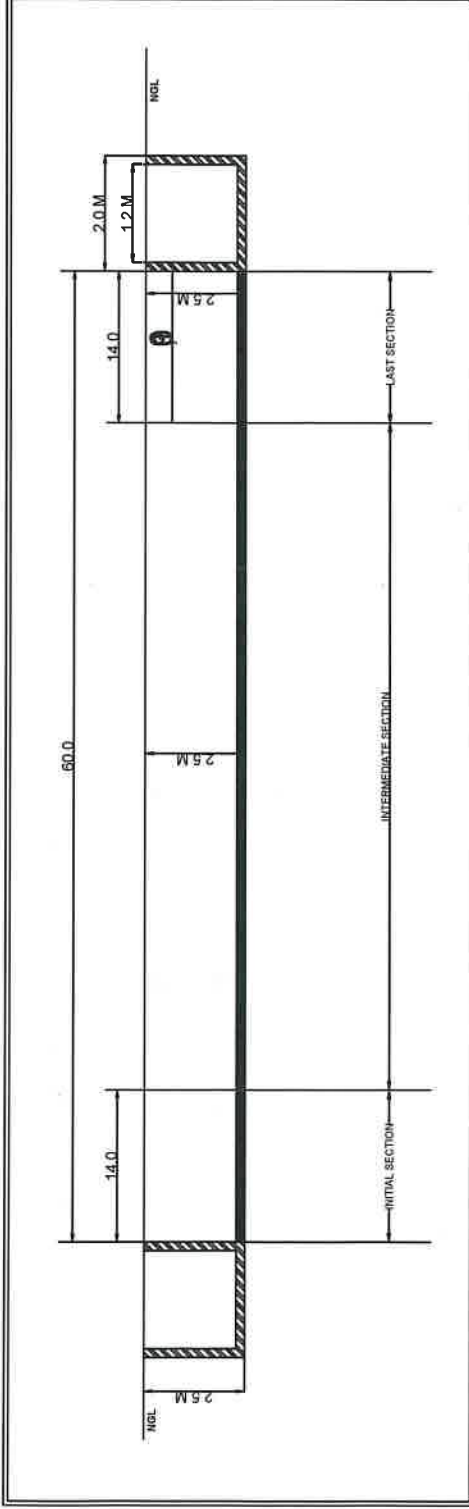
Project Director
NHAI P.I.U., Anantapur.

Assistant Executive Engineer
RWS & S (P) Sub-Division
DHONE

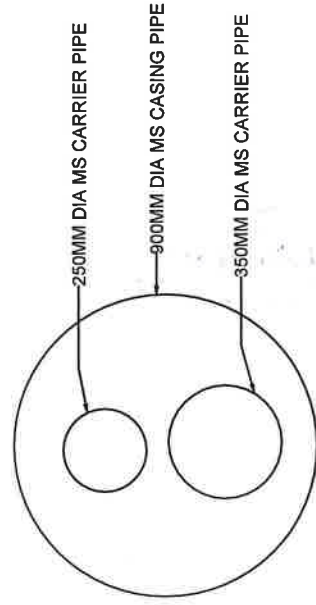
Executive Engineer
RWS & S(P) Division, Nandyal

Executive Engineer
RWS & S(P) Division, Nandyal

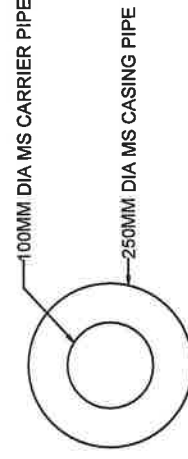
AHME-1



1. IN BETWEEN 254.7 KM - 254.8 KM
80MM DIA MS CARRIER PIPE
250MM DIA MS CASING PIPE
2. IN BETWEEN 255.9 KM - 256.0 KM
80MM DIA MS CARRIER PIPE
250MM DIA MS CASING PIPE
3. IN BETWEEN 259.2 KM - 259.3 KM
125MM DIA MS CARRIER PIPE
300MM DIA MS CASING PIPE



4. IN BETWEEN 263.4 KM - 263.6 KM
250MM DIA MS CARRIER PIPE
900MM DIA MS CASING PIPE
350MM DIA MS CARRIER PIPE



5. IN BETWEEN 264.8 KM - 265.0 KM
100MM DIA MS CARRIER PIPE
250MM DIA MS CASING PIPE

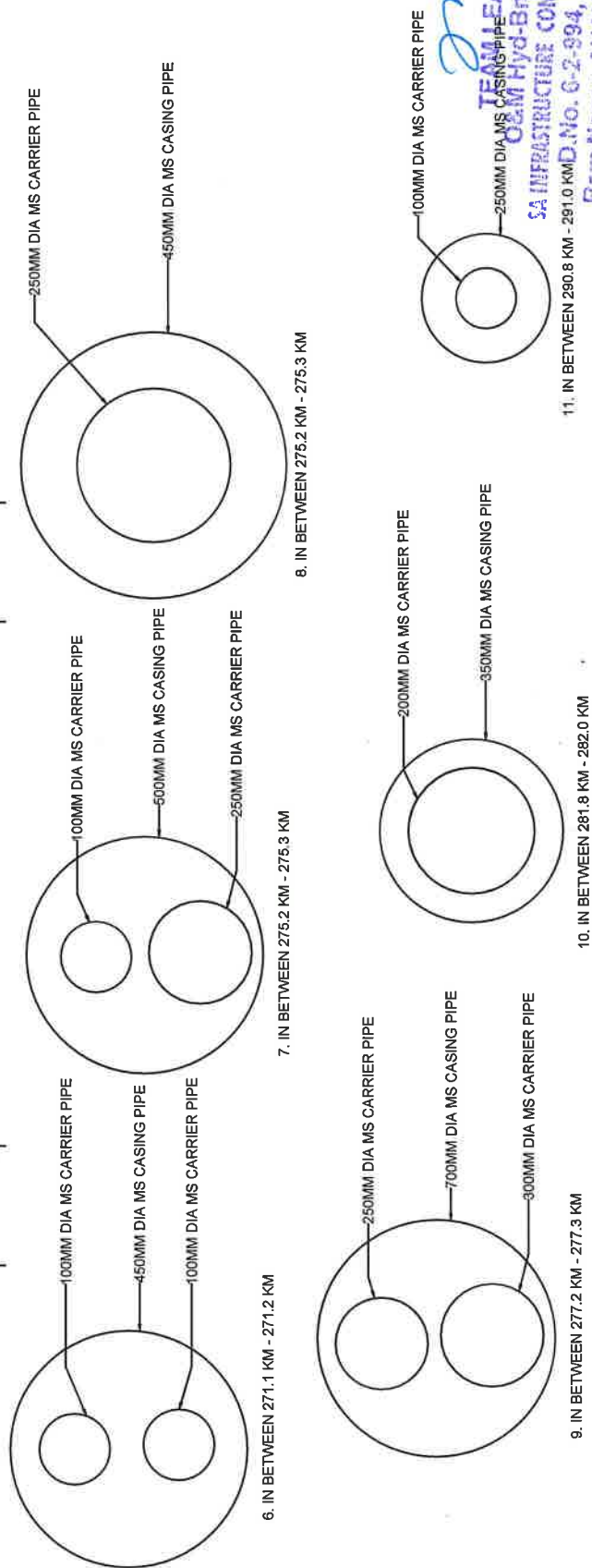
TEAM LEADER
O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Executive Engineer,
RWS & S(P) Division, Nandyal

AHME-1



—250MM DIA. MS CASING PIPE
TEAM LEADER
G.M HYO-Bing N-4-44
SAINFRASTRUCTURE CONSULTANTS PVT. LTD.
11. IN BETWEEN 290.8 KM - 291.0 KM.D.No. G-2-894, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

11/04/23
Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE.

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE


Executive Engineer
Roads & S(P) Division, Nandyal




Answer for Q3

Details of NHAI Road Crossings

S.NO	District	Name of the Segment	Segment type Primary trunk/ Secondary trunk	Name of NHAI	NHAI No.	Crossing Location.	In Between Chainages(in KM)	Length of crossing (in m)	Water supply pipe dia (in mm)	Encasing pipe dia proposed (in mm)	Status	Remarks
1	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Thatimanukothuru Village	254.700 254.800	60	80	250		
2	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Somapuram Village	255.900 256.000	60	80	250		
3	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Venkatanayunipalli Village	259.200 259.300	60	125	300		
4	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Dhone In	263.400 263.600	60	250 350	900		
5	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near U.Kothapalli Village	264.800 265.000	60	100	250		
6	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Rekalakunta Village	271.100 271.200	60	100 100	450		
7	Nandyal	Dhone	PRIMARY TRUNK SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Yenugumarri Village	275.200 275.300	60	250 100	500		
8	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Yenugumarri Village	275.200 275.300	60	250	450		
9	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Kothakota Village	277.200 277.300	60	250 300	700		
10	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Peapully Village	281.800 282.000	60	200	350		
11	Nandyal	Dhone	SECONDARY TRUNK	Kurnool-Ananthapur	44	Near Pothidoddi Village	290.800 291.000	60	100	250		

Details of Cross Road, Approach Road, Acceleration and Deceleration Lanes & Fuel Station Road Crossings

1	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Dorapalli Village	261.84	30	200	300		
2	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Ungaranigundla Village	266.66	12	350	450		
3	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Obulapuram Village	270.94	20	350	450		
4	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Devarabanda Village	273.20	20	250	350		
5	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Kothakota Village	277.76	15	300	350		
6	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Dhone	262.80	20	200	300		
7	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Ungaranigundla Village	266.50	30	350	450		
8	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Obulapuram Village	271.30	20	350	450		
9	Nandyal	Dhone	PRIMARY TRUNK	Kurnool-Ananthapur	44	Near Peapully Village	281.70	15	200	300		

Executive Engineer,
 RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
 RWS & S(P) Sub-Division,
 DHONE

Assistant Executive Engineer,
 RWS & S(P) Sub-Division,
 DHONE

TEAM LEADER
 O&M Hyd-Bng NH-44
 SANINFRASTRUCTURE CONSULTANTS PVT.LTD.
 D.No. 6-2-994, 1st Floor,
 Ram Nagar, ANANTHAPURAM,
 Andhra Pradesh - 515 001.

ANNEXURE-2

Details of Laying pipeline along the NH-44 Road of NHAI in Kurnool District

S.NO	Name of the Segment	Name of NHAI	NHAI No.	Location	Chainage		Location (Left/Right)	Length of Road in Kms	Water Supply Pipe Dia (in mm)	Encasing pipe dia proposed	Status	Remarks
					From	To						
1	Dhone	Kurnool - Ananthapur	44	Jagadurthi to Thatimanukothuru	253.200	254.700	Right	1.50	75			
2	Dhone	Kurnool - Ananthapur	44	Thatimanukothuru to Somapuram	254.700	256.000	Right	1.30	90			
3	Dhone	Kurnool - Ananthapur	44	Somapuram to Uduumulapadu	256.000	257.000	Right	1.00	110			Service road From KM 256.200 To KM 257.300
4	Dhone	Kurnool - Ananthapur	44	Uduumulapadu to Venkatanayunipalli	257.000	259.200	Right	2.20	140			
5	Dhone	Kurnool - Ananthapur	44	Venkatanayunipalli to Abbireddipalli	259.200	260.400	Right	1.20	150			Service road From KM 259.900 To KM 261.500
6	Dhone	Kurnool - Ananthapur	44	Abbireddipalli to Dhone	260.400	263.400	Right	3.00	200			Service road From KM 261.900 To KM 264.000
7	Dhone	Kurnool - Ananthapur	44	Dhone to U Kothapalle	263.400	264.800	Right	1.40	160			
8	Dhone	Kurnool - Ananthapur	44	U Kothapalle to Seesamguntla	264.800	265.400	Right	0.60	125			Service road From KM 264.800 To KM 265.800
9	Dhone	Kurnool - Ananthapur	44	Seesamguntla to Ungaranigundla	265.400	266.800	Right	1.40	90			
10	Dhone	Kurnool - Ananthapur	44	Dhone to Devarabanda	263.400	273.200	Right	9.80	350			
11	Dhone	Kurnool - Ananthapur	44	Devarabanda to Yenugumarri	273.200	275.200	Right	2.00	250			
12	Dhone	Kurnool - Ananthapur	44	Rekalakunta to Yenugumarri	271.000	275.200	Right	4.20	100			
13	Dhone	Kurnool - Ananthapur	44	Yenugumarri to Kothakota	275.200	277.200	Right	2.00	250			
14	Dhone	Kurnool - Ananthapur	44	Kothakota to Obuladevarapalli Road	277.200	280.600	Right	3.40	300			
15	Dhone	Kurnool - Ananthapur	44	Obuladevarapalli Road to Peapully	280.600	282.000	Right	1.40	250			
16	Dhone	Kurnool - Ananthapur	44	Peapully to Peddapodilla Road	282.000	284.400	Right	2.40	200			
17	Dhone	Kurnool - Ananthapur	44	Peddapodilla Road to Kalachetla Road	284.400	285.000	Right	0.60	140			
18	Dhone	Kurnool - Ananthapur	44	Kalachetla Road to Pothidoddi	285.000	290.500	Right	5.50	100			
19	Dhone	Kurnool - Ananthapur	44	Kalachetla Road to Pothidoddi	290.800	291.400	Right	0.60	100			Service road From KM 291.000 To KM 291.400

45.50

[Signature]
Executive Engineer
RWS & S(P) Division, Nandyal

[Signature]
Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

[Signature]
Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	DHONE
City/Town/Village	JAGADURTHI	Survey No.	<div> <div>Selec</div> <div>▼</div> </div> ←To view Survey No. Wise Details

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	THATIMANU KOTHUR	Dry land	300,000	10/08/2020
2.	JAGADURTHI	Dry land	300,000	10/08/2020
3.	THATIMANU KOTHUR	Wet Land double crop	300,000	10/08/2020
4.	JAGADURTHI	Wet Land double crop	300,000	10/08/2020
5.	THATIMANU KOTHUR	Coconut Garden	300,000	10/08/2020
6.	JAGADURTHI	Coconut Garden	300,000	10/08/2020
7.	THATIMANU KOTHUR	House Sites	2,904,000	10/08/2020
8.	JAGADURTHI	House Sites	2,904,000	10/08/2020
9.	THATIMANU KOTHUR	Agricultural Land fit for H.S.	1,500,000	10/08/2020
10.	JAGADURTHI	Agricultural Land fit for H.S.	1,500,000	10/08/2020
11.	THATIMANU KOTHUR	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
12.	JAGADURTHI	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

[Back](#)
Note :

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2.For further details contact Sub Registrar office

DHONE,

4-156,Sunder Singh Colony

MROFFICECOMPOUND, Dhone

Dhone

Phone : 222764

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	DHONE
City/Town/Village	UDUMULAPADU	Survey No.	<div> <div> Selec ▼ </div> To view Survey No. Wise Details </div>

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	UDUMULAPADU	Dry land	300,000	10/08/2020
2.	UDUMULAPADU	Wet Land double crop	300,000	10/08/2020
3.	UDUMULAPADU	Coconut Garden	300,000	10/08/2020
4.	UDUMULAPADU	House Sites	3,388,000	10/08/2020
5.	UDUMULAPADU	Agricultural Land fit for H.S.	1,500,000	10/08/2020
6.	UDUMULAPADU	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

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DHONE,

4-156, Sunder Singh Colony

MROFFICECOMPOUND, Dhone

Dhone

Phone : 222764

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	DHONE
City/Town/Village	UNGARANIGUNDLA	Survey No.	<input type="text" value="Select"/> To view Survey No. Wise Details

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	U. KOTHAPALLI	Dry land	300,000	10/08/2020
2.	UNGARANIGUNDLA	Dry land	300,000	10/08/2020
3.	SEESAMGUNTALA	Dry land	300,000	10/08/2020
4.	LAKSHMIPALLI	Dry land	300,000	10/08/2020
5.	U. KOTHAPALLI	Wet Land double crop	300,000	10/08/2020
6.	UNGARANIGUNDLA	Wet Land double crop	300,000	10/08/2020
7.	SEESAMGUNTALA	Wet Land double crop	300,000	10/08/2020
8.	LAKSHMIPALLI	Wet Land double crop	300,000	10/08/2020
9.	U. KOTHAPALLI	Coconut Garden	300,000	10/08/2020
10.	UNGARANIGUNDLA	Coconut Garden	300,000	10/08/2020
11.	SEESAMGUNTALA	Coconut Garden	300,000	10/08/2020
12.	LAKSHMIPALLI	Coconut Garden	300,000	10/08/2020
13.	U. KOTHAPALLI	House Sites	3,388,000	10/08/2020
14.	UNGARANIGUNDLA	House Sites	3,388,000	10/08/2020
15.	SEESAMGUNTALA	House Sites	3,388,000	10/08/2020
16.	LAKSHMIPALLI	House Sites	3,388,000	10/08/2020
17.	LAKSHMIPALLI	Agricultural Land fit for H.S.	1,500,000	10/08/2020
18.	U. KOTHAPALLI	Agricultural Land fit for H.S.	1,500,000	10/08/2020
19.	UNGARANIGUNDLA	Agricultural Land fit for H.S.	1,500,000	10/08/2020
20.	SEESAMGUNTALA	Agricultural Land fit for H.S.	1,500,000	10/08/2020
21.	U. KOTHAPALLI	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
22.	UNGARANIGUNDLA	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
23.	SEESAMGUNTALA	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
24.	LAKSHMIPALLI	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

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2.For further details contact Sub Registrar office

DHONE,

4-156,Sunder Singh Colony
MROFFICECOMPOUND, Dhone
Dhone
Phone : 222764

UNIT RATES - VILLAGE WISE

District Name KURNOOL

Mandal Name

DHONE

City/Town/Village

DEVARABANDA

Survey No.

Select ▼

To view Survey No. Wise Details

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	DEVARABANDA	Dry land	200,000	10/08/2020
2.	REKULAKUNTA	Dry land	200,000	10/08/2020
3.	OBULAPURAM	Dry land	200,000	10/08/2020
4.	DEVARABANDA	Wet Land double crop	200,000	10/08/2020
5.	REKULAKUNTA	Wet Land double crop	200,000	10/08/2020
6.	OBULAPURAM	Wet Land double crop	200,000	10/08/2020
7.	DEVARABANDA	House Sites	3,146,000	10/08/2020
8.	DEVARABANDA	Agricultural Land fit for H.S.	3,146,000	10/08/2020
9.	DEVARABANDA	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
10.	REKULAKUNTA	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
11.	OBULAPURAM	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

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2.For further details contact Sub Registrar office

PEAPALLY,

8-169,

CINEMAROAD, Peapully

Peapully

Phone : 220017

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	DHONE
City/Town/Village	KOTHAKOTA	Survey No.	<div> <div>Selec</div> <div>▼</div> </div> <div>←To view Survey No. Wise Details</div>

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	NAKKALAVAGUPALLI	Dry land	200,000	10/08/2020
2.	KOTHAKOTA	Dry land	200,000	10/08/2020
3.	NAKKALAVAGUPALLI	Wet Land double crop	200,000	10/08/2020
4.	KOTHAKOTA	Wet Land double crop	200,000	10/08/2020
5.	KOTHAKOTA	Coconut Garden	200,000	10/08/2020
6.	KOTHAKOTA	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

Back

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2.For further details contact Sub Registrar office

PEAPALLY,

8-169,

CINEMAROAD, Peapully

Peapully

Phone : 220017

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	PEAPALLY
City/Town/Village	PEAPALLY	Survey No.	<div> <div> <div>Select</div> <div>▼</div> </div> <div>← To view Survey No. Wise Details</div> </div>

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	PEAPALLY	Dry land	300,000	10/08/2020
2.	PEAPALLY	Wet Land double crop	300,000	10/08/2020
3.	PEAPALLY	Coconut Garden	300,000	10/08/2020
4.	PEAPALLY	House Sites	0	10/08/2020
5.	PEAPALLY	Agricultural Land fit for H.S.	0	10/08/2020
6.	PEAPALLY	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

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Note :

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2.For further details contact Sub Registrar office

PEAPALLY,

8-169,

CINEMAROAD, Peapully

Peapully

Phone : 220017

UNIT RATES - VILLAGE WISE

District Name	KURNOOL	Mandal Name	PEAPALLY
City/Town/Village	POTHIDODDI	Survey No.	<div> <div>Selec</div> <div> <div></div> <div></div> </div> </div> To view Survey No. Wise Details

S.No.	Habitation	Nature Of Use	Land Rate Rs. per Acre	Effective Date (dd/mm/yyyy)
1.	MADINENIDODDI	Dry land	200,000	10/08/2020
2.	POTHIDODDI	Dry land	200,000	10/08/2020
3.	MADINENIDODDI	Wet Land double crop	200,000	10/08/2020
4.	POTHIDODDI	Wet Land double crop	200,000	10/08/2020
5.	MADINENIDODDI	Coconut Garden	200,000	10/08/2020
6.	POTHIDODDI	Coconut Garden	200,000	10/08/2020
7.	POTHIDODDI	House Sites	3,146,000	10/08/2020
8.	MADINENIDODDI	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020
9.	POTHIDODDI	Land abutting NH/SH/ZPP/MPP	900,000	10/08/2020

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2.For further details contact Sub Registrar office

PEAPALLY,

8-169,

CINEMAROAD, Peapully

Peapully

Phone : 220017

**Proposal for granting of permission for laying of Water Supply line -NH-44 Kurnool - Ananthapuram Road by RWS &S department between KM 253/2 to 291/4
KM & 11 No. of Road Crossings.**

Sl No	Location	Chainage (in KM)		Length (in mts)	Width (in mts)	Area (in Sq mts)	Guidence Value in per Acre(in Rs)	Guidence Value (in Rs)/Sqm	Amount (in Rs)
		from	To						
	Along the Road								
01	Jagadurthi to Thatimanukothuru	253.200	254.700	1500	0.10	150.00	9,00,000	222.39	33,359.23
02	Thatimanukothuru to Somapuram	254.700	256.000	1300	0.10	130.00	9,00,000	222.39	28,911.33
03	Somapuram to Uдумulapadu	256.000	257.000	1000	0.11	110.00	9,00,000	222.39	24,463.44
04	Uдумulapadu to Venkatanayunipalli	257.000	259.200	2200	0.14	308.00	9,00,000	222.39	68,497.62
05	Venkatanayunipalli to Abbireddipalli	259.200	260.400	1200	0.15	180.00	15,00,000	370.66	66,718.46
06	Abbireddipalli to Dhone	260.400	263.400	3000	0.20	600.00	15,00,000	370.66	2,22,394.87
07	Dhone to U Kothapalle	263.400	264.800	1400	0.16	224.00	9,00,000	222.39	49,816.45
08	U Kothapalle to Seesamguntla	264.800	265.400	600	0.13	78.00	9,00,000	222.39	17,346.80
09	Seesamguntla to Ungaranigundla	265.400	266.800	1400	0.10	140.00	9,00,000	222.39	31,135.28
10	Dhone to Devarabanda	263.400	273.200	9800	0.35	3430.00	9,00,000	222.39	7,62,814.39
11	Devarabanda to Yenugumarri	273.200	275.200	2000	0.25	500.00	9,00,000	222.39	1,11,197.43
12	Rekalakunta to Yenugumarri	271.000	275.200	4200	0.10	420.00	9,00,000	222.39	93,405.84
13	Yenugumarri to Kothakota	275.200	277.200	2000	0.25	500.00	9,00,000	222.39	1,11,197.43
14	Kothakota to Obuladevarapalli Road	277.200	280.600	3400	0.30	1020.00	9,00,000	222.39	2,26,842.76
15	Obuladevarapalli Road to Peapully	280.600	282.000	1400	0.25	350.00	9,00,000	222.39	77,838.20
15	Peapully to Peddapodilla Road	282.000	284.400	2400	0.20	480.00	9,00,000	222.39	1,06,749.54
16	Peddapodilla Road to Kalachetla Road	284.400	285.000	600	0.14	84.00	9,00,000	222.39	18,681.17
17	Kalachetla Road to Pothidoddi	285.000	290.500	5500	0.10	550.00	9,00,000	222.39	1,22,317.18
18	Kalachetla Road to Pothidoddi	290.800	291.400	600	0.10	60.00	9,00,000	222.39	13,343.69
				45500			SUB-TOTAL		21,87,031.12

Sl No	Location	Chainage (in KM)		Length (in mts)	Width (in mts)	Area (in Sq mts)	Guidance Value in per Acre(in Rs)	Guidance Value (in Rs)/Sqrm	Amount (in Rs)
		from	To						
	Across the Road								
01	Near Thatimanukothuru Village	254.700	254.800	60	0.25	15.00	9,00,000	222.39	3,335.92
02	Near Somapuram Village	255.900	256.000	60	0.25	15.00	9,00,000	222.39	3,335.92
03	Near Venkatanayunipalli Village	259.200	259.300	60	0.30	18.00	15,00,000	370.66	6,671.85
04	Near Dhone Jin	263.400	263.600	60	0.90	54.00	15,00,000	370.66	20,015.54
05	Near U.Kothapalli Village	264.800	265.000	60	0.25	15.00	9,00,000	222.39	3,335.92
06	Near Rekalakunta Village	271.100	271.200	60	0.45	27.00	9,00,000	222.39	6,004.66
07	Near Yenugumarri Village	275.200	275.300	60	0.50	30.00	9,00,000	222.39	6,671.85
08	Near Yenugumarri Village	275.200	275.300	60	0.45	27.00	9,00,000	222.39	6,004.66
09	Near Kothakota Village	277.200	277.300	60	0.70	42.00	9,00,000	222.39	9,340.58
10	Near Peapully Village	281.800	282.000	60	0.35	21.00	9,00,000	222.39	4,670.29
11	Near Pothidoddi Village	290.800	291.000	60	0.25	15.00	9,00,000	222.39	3,335.92
				660			SUB-TOTAL		72,723.12
									22,59,754.24
									18,831.29
									11,29,877.12
									3,72,859.45

Total Amount (Rs.)

License Fee(Rs./Per Month) = Rs 22,59,754.24/(10*12)

License Fee for 5 Year = Rs 18831.29*(5*12)

For Public Utility of 33% of industrial Utilities as per MORT&H no RW/NH-33044/29/2015/S&R (R) Dated 22.11.2016

SA INFRASTRUCTURE CONSULTANTS PVT LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

ASG NH-2

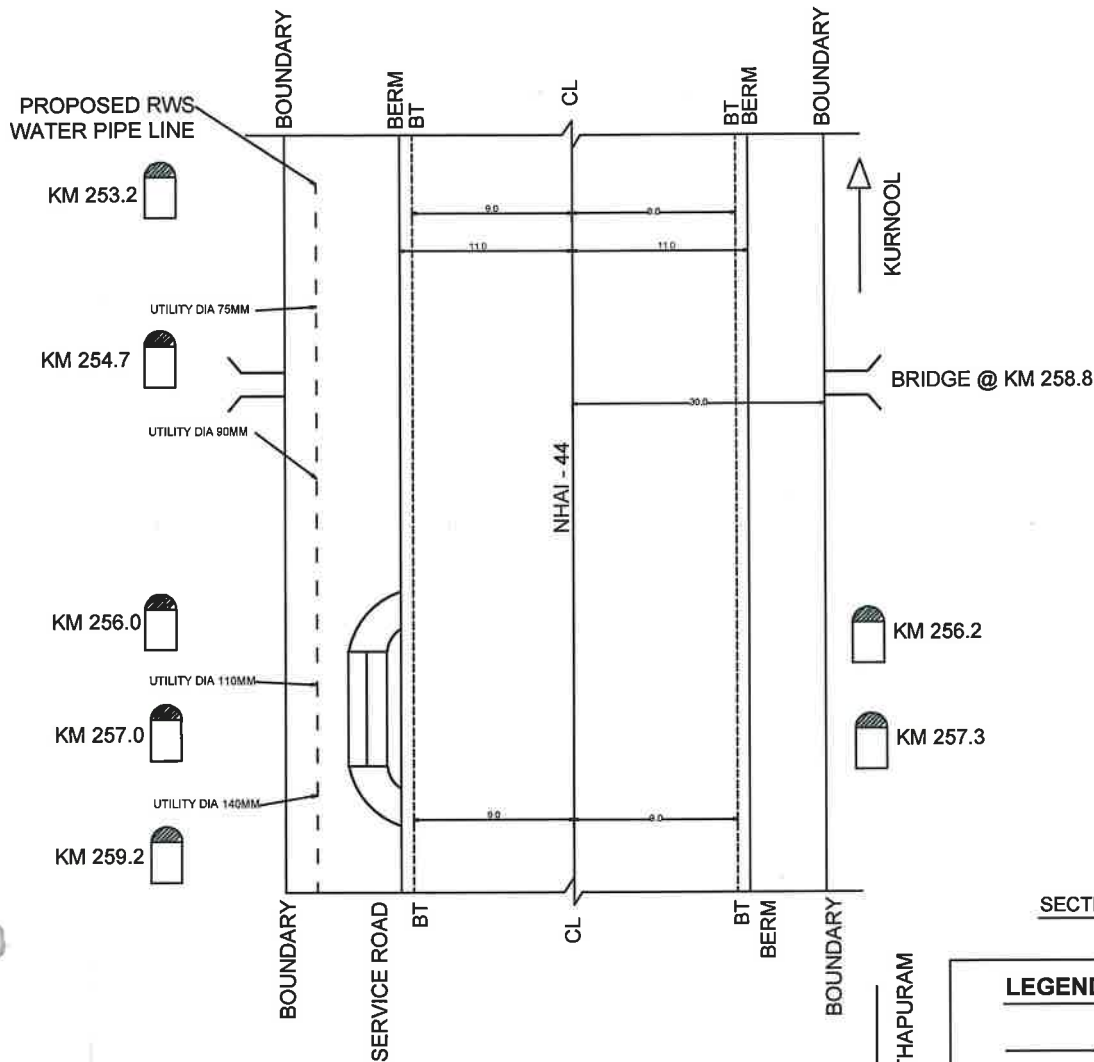
AHME-1

Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM JAGADURTHI TO VENKATANAYUNIPALLI



LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ⊘ RAILWAY LINE

SCALE

NOT TO SCALE

Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

AHME-1

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

TEAM LEADER

O&M Hyd-Bng NH-44

SA INFRASTRUCTURE CONSULTANTS PVT LTD,

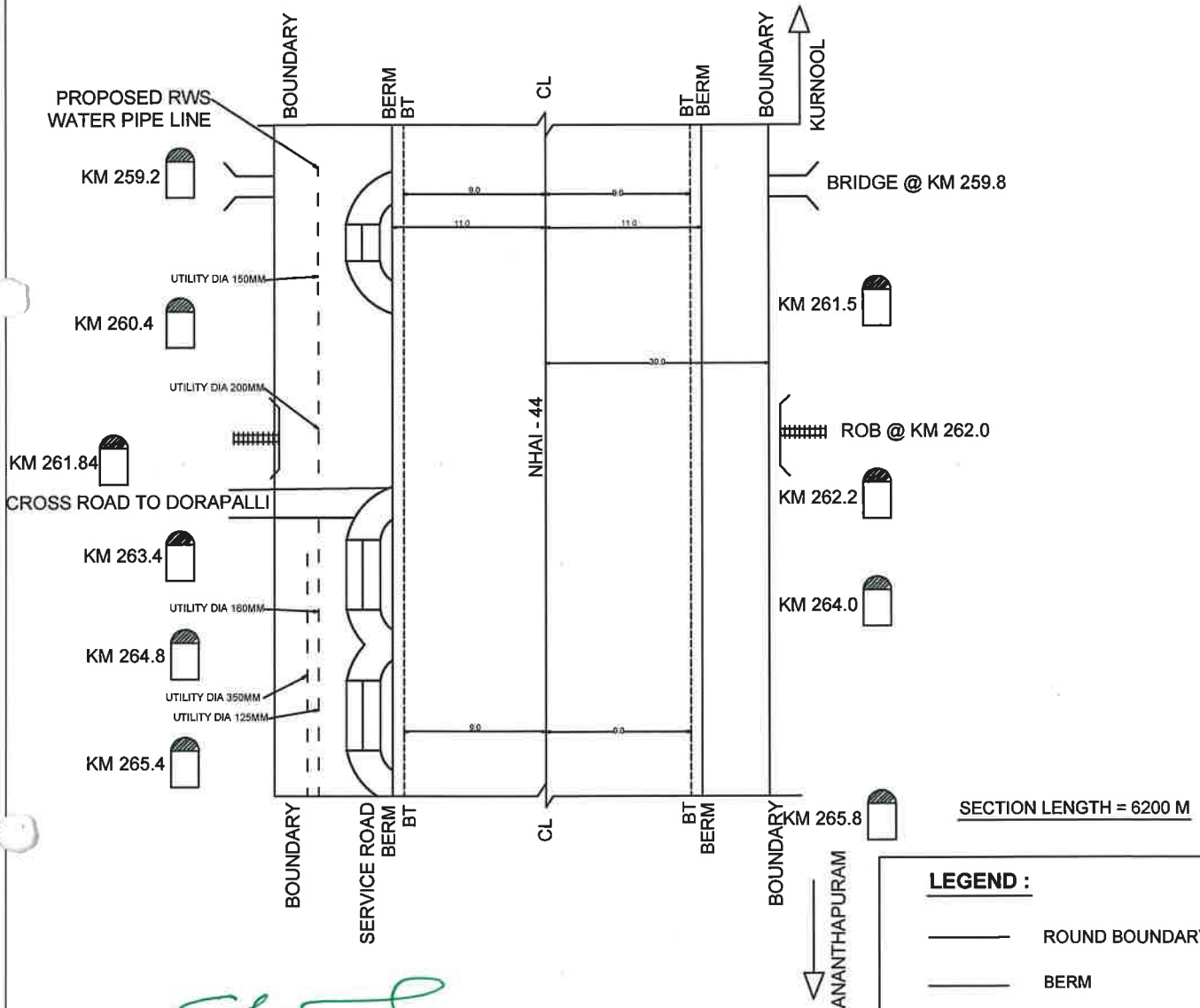
D.No. 6-2-994, 1st Floor,

Ram Nagar, ANANTHAPURAM,

Andhra Pradesh - 515 001.

Project Director
NHAI P.I.U., Anantapur.

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM VENKATANAYUNIPALLI TO SEESAMGUNTLA



LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ▤ RAILWAY LINE

SCALE

NOT TO SCALE

Executive Engineer

RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

ANNEX-1

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

TEAM LEADER

O&M Hyd-Bng NH-44

SA INFRASTRUCTURE CONSULTANTS PVT LTD,

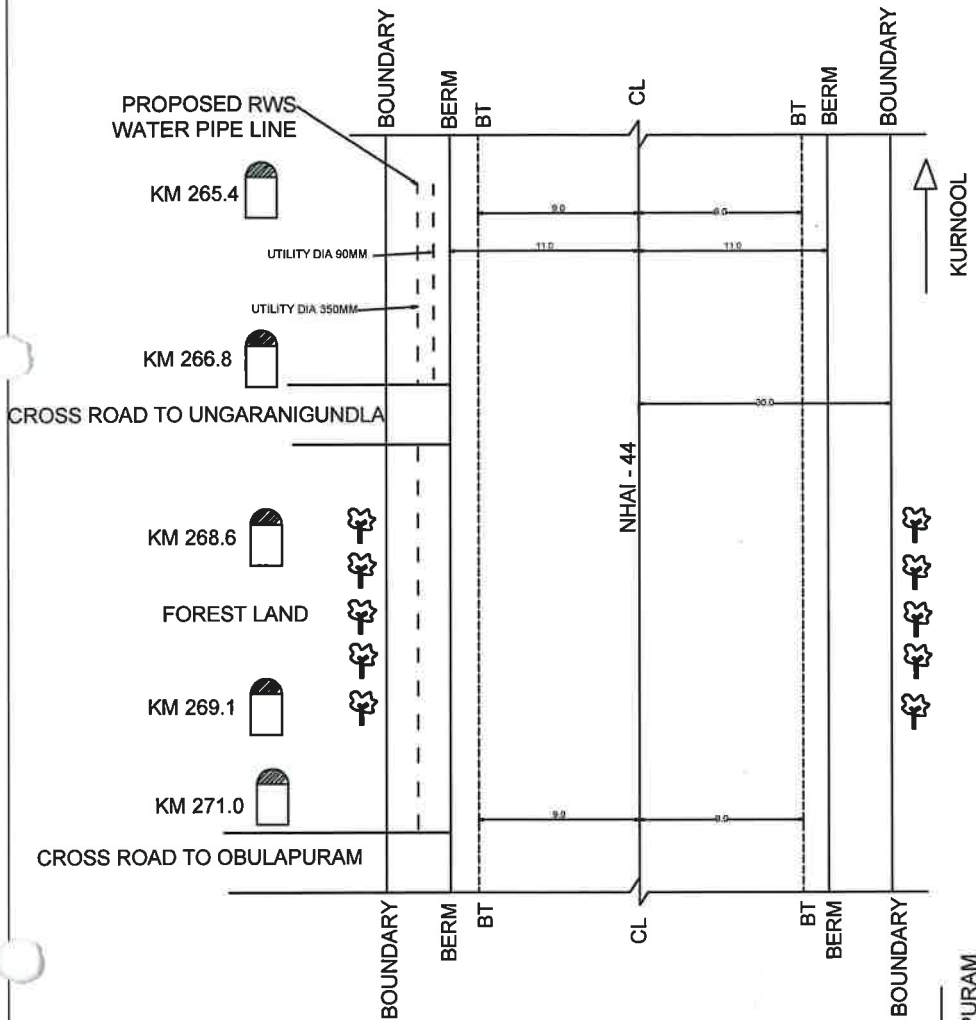
D.No. 6-2-394, 1st Floor,

Ram Nagar, ANANTHAPURAM,

Andhra Pradesh - 515 001.

Project Director
NHAI P.I.U., Anantapur.

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM SEESAMGUNTLA TO REKALAKUNTA



SECTION LENGTH = 6200 M

LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ▤ RAILWAY LINE

SCALE

NOT TO SCALE

Executive Engineer
RWS & S(P) Division, Nandyal

Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

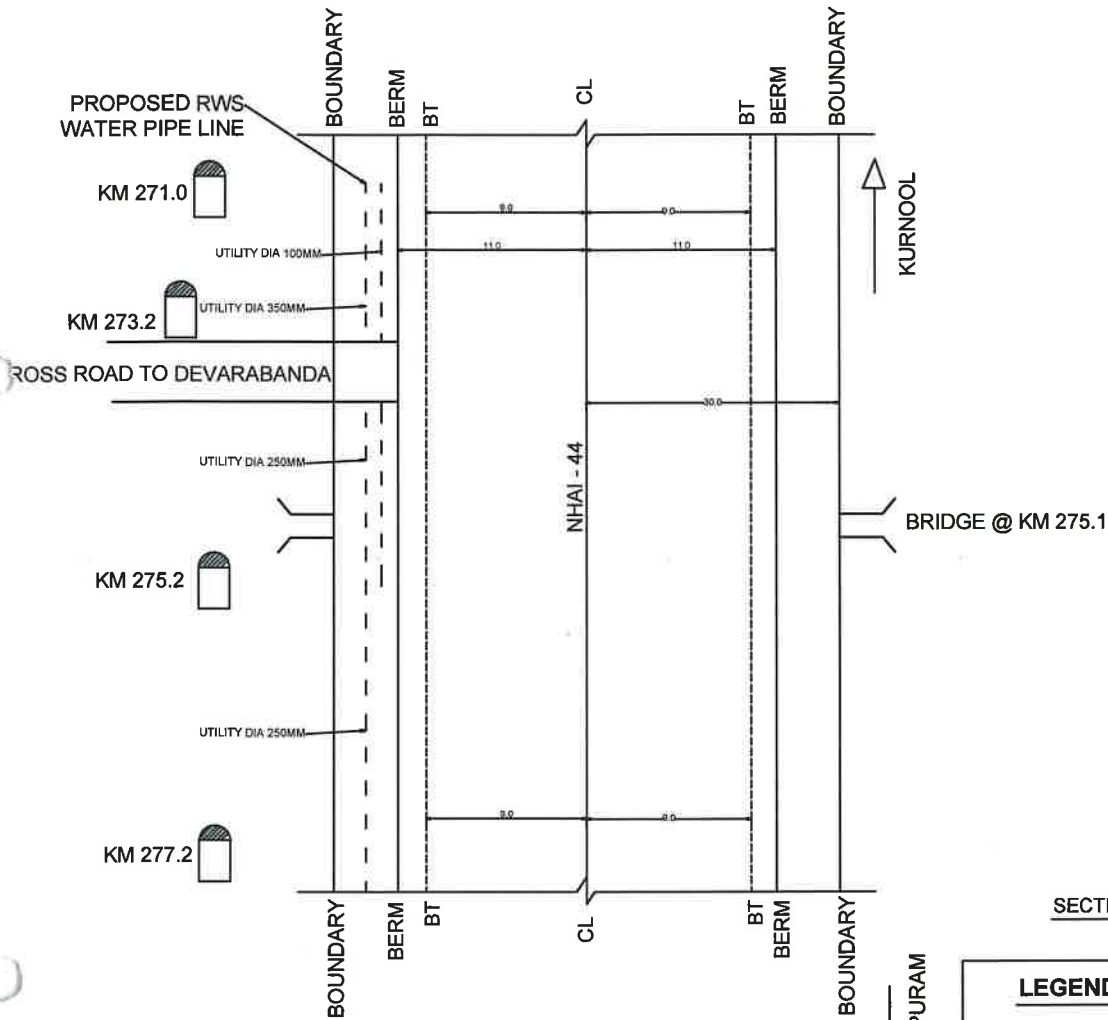
ANDHE-1

Assistant Executive Engineer,
RWS & S (P) Sub-Division

Project Director
NHAI P.I.U., Anantapur.

TEAM LEADER
O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT. LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 004

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM REKALAKUNTA TO KOTHAKOTA



LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ▤ RAILWAY LINE

SCALE

NOT TO SCALE

Executive Engineer
RWS & S(P) Division, Nandyal

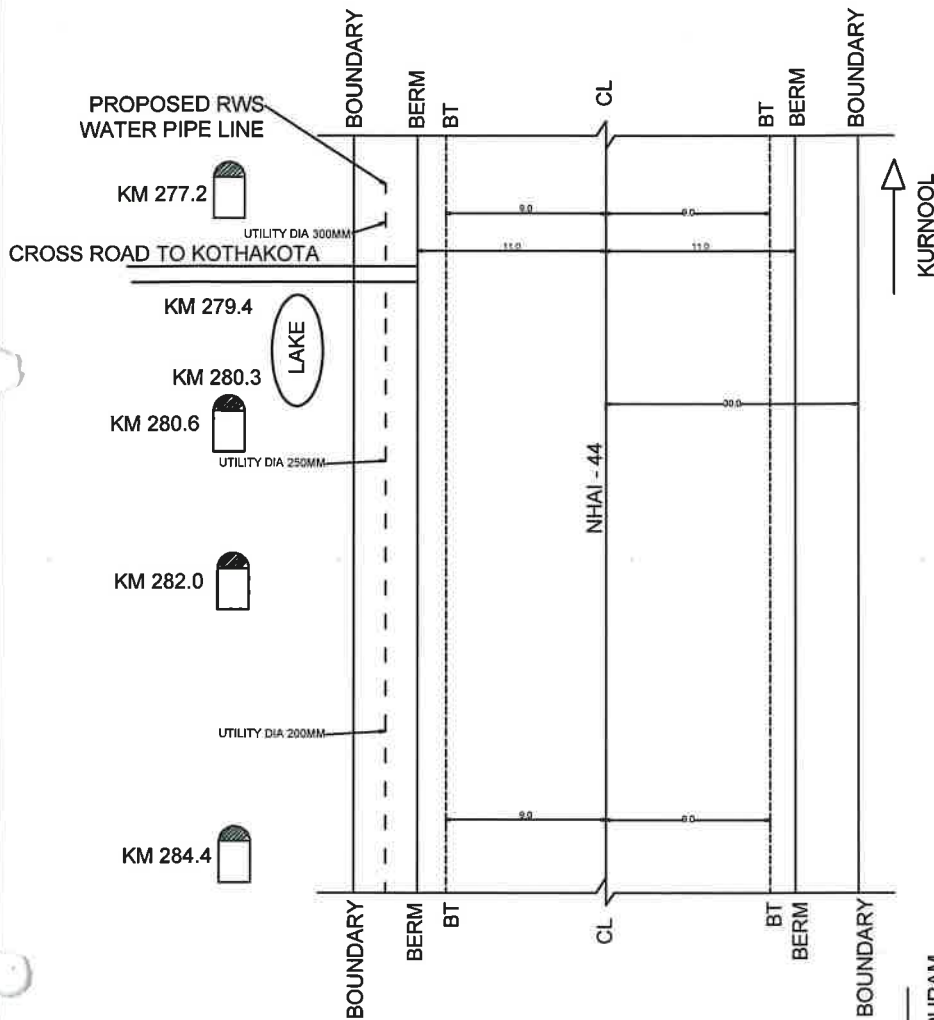
Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Project Director
NHAI P.I.U., Anantapur.

TEAM LEADER
O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVZ LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 002

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM KOTHAKOTA TO PEDDA PODILLA ROAD



SECTION LENGTH = 6200 M

LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ⊘ RAILWAY LINE

SCALE

NOT TO SCALE

Executive Engineer
RWS & S(P) Division, Nandyal

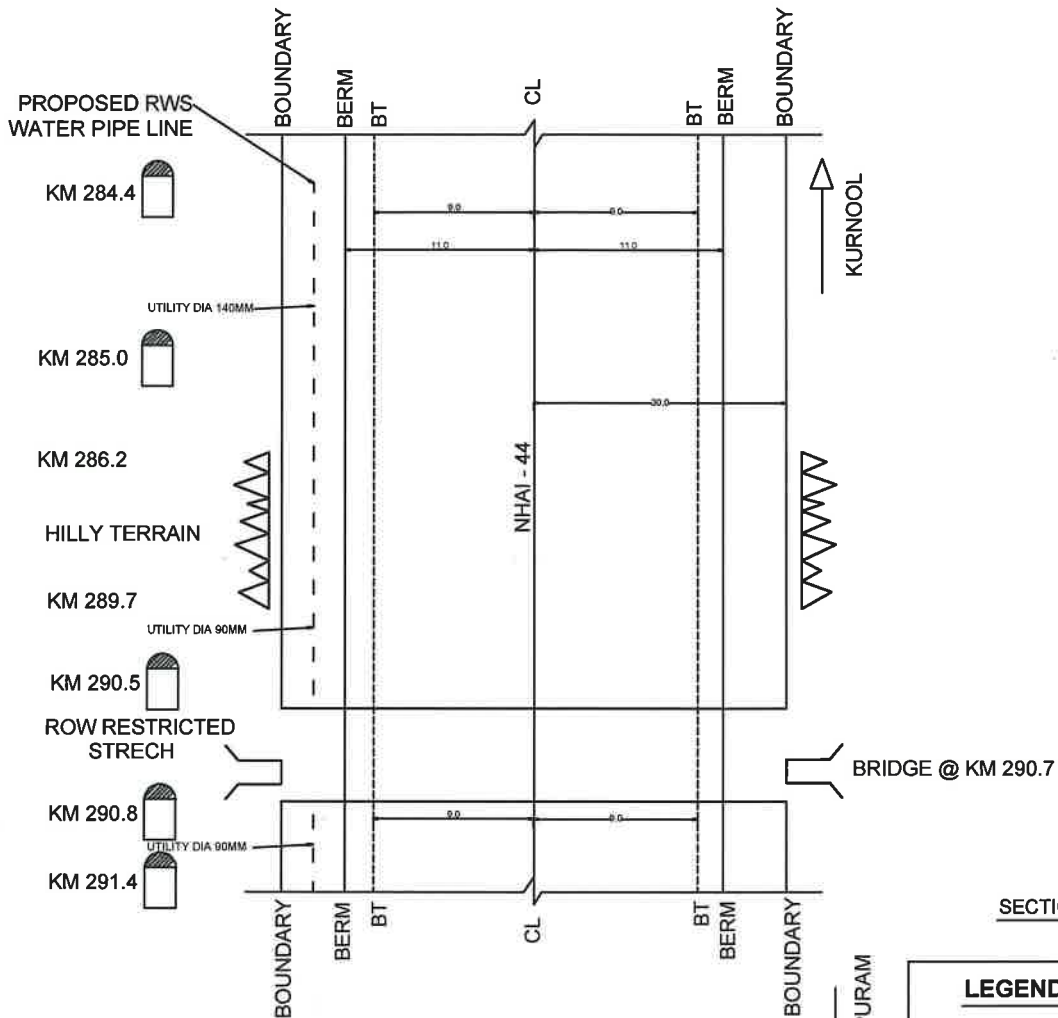
Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Project Director
NHA P.I.U., Anantapur,

TEAM LEADER
O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT LTD.
D.No. 6-2-994, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh 515 001

ROW PLAN FOR RWS DEPARTMENT DRINKING WATER PIPE LINE FROM PEDDA PODILLA ROAD TO POTHUDODDI



SECTION LENGTH = 6200 M

LEGEND :

- ROUND BOUNDARY
- BERM
- - - BT
- - - PROPOSED PIPE LINE
- ⌋ RAILWAY LINE

SCALE

NOT TO SCALE

chp
Executive Engineer
RWS & S(P) Division, Nandyal

11/4/22
Deputy Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

Abh.
Associate

ANME-1

11/4/22
Assistant Executive Engineer,
RWS & S (P) Sub-Division,
DHONE

11/4/22
Project Director
NHAI P.I.U., Anantapur.

TEAM LEADER

O&M Hyd-Bng NH-44
SA INFRASTRUCTURE CONSULTANTS PVT LTD
D.No. 6-2-394, 1st Floor,
Ram Nagar, ANANTHAPURAM,
Andhra Pradesh - 515 001.

दक्षिणमध्यरेलवेSouth Central Railway

मंडलकार्यालयDivisional Office,
कार्यशाखाWorks Branch,
गुंतकल, Guntakal,
दि.Dated: 22/11/2022.

सं. G/W.372/WPL/DHNE-MYL/DB

To

THE EXECUTIVE ENGINEER,

RWS&S SUB DIVISION,

**DHONE WATER GRID ZP COMPOUND, KURNOOL,
ANDHRA PRADESH-518002.**

Sub: DHNE-GTL section-Permission for laying of water pipeline 350mm dia MS casing pipe under track by pipe jacking technique for laying of 200mm dia MS water carrier pipe line at Km. 298/9-299/0 between Dhone-Malliyala stations - reg.

Ref: RBCS Application ID No.SCR-GTL-2021-WL-37 Dt.23.07.2021.

The competent authority i.e. DRM/GTL has accorded approval for "laying of water pipe line 350mm dia MS casing pipe under track by pipe jacking technique for laying of 200mm dia MS water carrier pipe line at **Km.298/9-299/0 between Dhone-Malliyala stations**" as way leave facility.

Hence it is here by permitted for laying the above said water pipe line under the track at **Km.298/9-299/0 between Dhone-Malliyala stations**. In connection with, you have paid the following charges (i.e., Registration charges, Survey & Plan Charges and Way Leave charges including GST) are as under.

S.No	Description	Amount in Rs.	Remarks
1	Registration fee	2,000/-	Paid Vide Invoice no. WL00000000001770 dtd. 28/07/2021 Bank transaction ID no. CPAAYHSYI3
2	Plan & Survey charges	3,523/-	Paid Vide Invoice no. WL000000000005913 dtd. 07/04/2022 Bank transaction ID no. IGANJANXY8
3	Way leave charges	2,04,988/-	Paid Vide Invoice no. WL000000000012673 dtd. 15/11/2022 Bank transaction ID no. CHK9760949
	Total	2,10,511/-	

The execution of the work should be done strictly as per the approved drawing No. **GD/GTL/WPL/09/2022**. , uploaded in RBCS portal. An area of **25.72 Sq.m** of land given as way leave facility and the work will be executed under the supervision of Railway officials with advance notice in writing to all concerned i.e ADEN/Dhone, SSE/P.WAY/Dhone,SSE/Signal/Dhone, SSE/Tele/Dhone.

Encl: Agreement copy


Sr.DEN/Central/GTL
व.मं. इंजी/मध्य/गुंतकल
Sr.DEN/Central/GTL