



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport & Highways)

कार्यालय क्षेत्रीय अधिकारी, आंध्रप्रदेश क्षेत्र

Office of the Regional Officer, Andhra Pradesh Region

प्लॉट.क.२१, टीचर्स कॉलोनी, गुरुनानक नगर मार्ग, विजयवाड़ा-५२० ००८, आंध्रप्रदेश

Plot No. 21, Teachers' Colony, Gurunanak Nagar Road, Vijayawada-520 008. A.P.

दूरभाष / Tele : 0866-2483910

ई-मेल / E-mail : rovijayawada@nhai.org

nhairovja@gmail.com



भारतमाला
प्रगति के पथ पर आगरा
BHARATMALA
ROAD TO PROSPERITY

Lr.No. NHAI/ROVJA/Access/PIU-TPTY/2020/- 1462

Dt.02.07.2021

To,

The Sr. Technical Director,
NIC, Transport Bhawan,
New Delhi- 110001.

Sub: Regional Office - Vijayawada - Grant of ROW permission for laying of Water Pipeline along NH-565 in Rapur - Yerpedu section from Km 452+960 to Km 462+780, Km 463+800 to Km 469+300, Km 469+540 to Km 472+120, Km 472+270 to Km 473+510, Km 474+010 to Km 480+550 & Km 483+250 to Km 497+200 and crossings at Km 452+930 to Km 452+960, Km 458+320 to 458+350, Km 464+600 to 464+630, Km 491+000 & Km 497+170 to Km.497+200 - **Public comments - Reg.**

Sir,

Please find enclosed herewith a proposal of M/s. APIIC seeking ROW permission for laying of Water Supply Pipeline along NH-565 on Rapur - Yerpedu section from Km 452+960 to Km 462+780, Km 463+800 to Km 469+300, Km 469+540 to Km 472+120, Km 472+270 to Km 473+510, Km 474+010 to Km 480+550 & Km 483+250 to Km 497+200 and crossings at Km 452+930 to Km 452+960, Km 458+320 to 458+350, Km 464+600 to 464+630, Km 491+000 & Km 497+170 to Km.497+200 for a total length of 39,727.50m.

2. As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R® dated 22nd November 2016, the application along with the recommendation of PD, PIU-Tirupati are enclosed herewith with a request to hoist 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.

Encl: As above

Yours faithfully,

(R.K. Singh),
Regional Officer

Copy to: (i) PD, PIU - Tirupati
(ii) M/s. APIIC



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प्रगति के पथ पर अग्रसर
BHARATMALA
ROAD TO PROSPERITY

Lr.No. NHAI/ROVJA/Access/PIU-TPTY/2020/ 1463

Dt.02.07.2021

INVITATION OF PUBLIC COMMENTS

Sub: Regional Office - Vijayawada - Grant of ROW permission for laying of Water Pipeline along NH-565 in Rapur - Yerpedu section from Km 452+960 to Km 462+780, Km 463+800 to Km 469+300, Km 469+540 to Km 472+120, Km 472+270 to Km 473+510, Km 474+010 to Km 480+550 & Km 483+250 to Km 497+200 and crossings at Km 452+930 to Km 452+960, Km 458+320 to 458+350, Km 464+600 to 464+630, Km 491+000 & Km 497+170 to Km.497+200 - Public comments - Reg.

The Project Director, PIU - Tirupati submitted a proposal of M/s. APIIC seeking permission for laying of Water Supply Pipeline along NH-565 on Rapur - Yerpedu section from Km 452+960 to Km 462+780, Km 463+800 to Km 469+300, Km 469+540 to Km 472+120, Km 472+270 to Km 473+510, Km 474+010 to Km 480+550 & Km 483+250 to Km 497+200 and crossings at Km 452+930 to Km 452+960, Km 458+320 to 458+350, Km 464+600 to 464+630, Km 491+000 & Km 497+170 to Km.497+200 for a total length of 39,727.50m.

As per MORTH guidelines vide letter No. RW/NH-33044/29/2015/S&R@ dated 22nd November 2016, the Highway Administration will put out the application along with observations of RO on the proposal in the Ministry's website for 30 days seeking claims and objections (on grounds of public inconvenience, safety and general public interest).

In view of the above, the comments of public, if any, on the above mentioned proposal is invited on below mentioned address.

Regional Officer - Vijayawada,
National Highways Authority of India,
Plot No.21, Teachers' Colony, Gurunanak Nagar Road,
Vijayawada, Andhra Pradesh. Pin: 520 008.
Email: rovijayawada@nhai.org


(R.K. Singh),
Regional Officer



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय)

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परियोजना कार्यान्वयन इकाई, डी.नं. : 23/3/39/501, 5th मंजिल, धनलक्ष्मी नगर, वैकुण्ठपुरम रोड, एमआर पल्ली, तिरुपति- 517 507
Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, Dhanalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507



Ph No : 0877-2245060

email : nhaitirupati@gmail.com

piutirupati@nhai.org

NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/493

Date: 01.07.2021

To,
The Regional Officer,
National Highways Authority of India,
Vijayawada.

Sir,

Sub : NHAI - PIU-Tirupati - Rehabilitation and Up-gradation of existing NH-565 from Km. 425/400 to 509/400 (Penchalakona to Yerpedu section) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP-IV through Engineering, Procurement, & Construction (EPC) Basis" (Aggregate Length of 84 Km) - Granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of 39,727mtrs. - Observations raised - Compliance submitted - Approval - Reg

- Ref: 1. APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/309, dt. 07.06.2021
2. T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/350 dt. 09.06.2021
3. NHAI, RO, VJA Lr. No. NHAI/RO-VJA/Access/PIU-TPTY/2020/1305, dt. 16.06.2021
4. T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/403 dt. 17.06.2021
5. APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/327, dt. 23.06.2021 (copy enclosed)
6. T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/476, dt. 28.06.2021

This is in continuation to this office letter 6th cited, for approval of the Competent Authority for granting of ROW permission for laying of Water Pipe Line along NH-565, it is to submit that the records of pervious approved proposals (OFC/water pipelines) for the subject stretch of NH-565 is enclosed for your perusal.

2. Further, it is to confirm that water pipelines of APIIC can be accommodated within the available ROW without causing any damage to the already laid pipelines in the ROW and the same shall be ensured through Supervision Consultants.

3. Hence, it is once again requesting the Competent Authority for granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of 39,727 mtrs. length in the subject stretch.

Encl: As above

Yours faithfully

(Sujeet Kumar)

IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati

Maintenance Records of Right of Way Permission Granted for laying OFC / water pipeline

1. Name of State : Andhra Pradesh
2. Name of Agency : NHAI
3. NH Number : 565

Sl. No.	Location (Chainage)	LHS or RHS of NH	Section and Reach	Name of License and Contract Address	Date of signing agreement	Date of Validity Agreement	Date of last inspection of site	Any deviation from MoRTH standard norms	Remarks
1.	Along NH-565 from Km. 480/342 to 481/400 and Km 495/190 to 495/700 for a total length of 3210 mts (on LHS & RHS)	Both Sides	NH-565 from Km 425.400 to 509/400 (Penchalakona to Yerpedu section)	Vodafone idea Ltd Suman Towers, Plot No. 18, Sector No. 11, Gandhi Nagar - 382011	-	-	-	No	In Principle approval is conveyed and requested to furnish License Fee and Bank Guarantee. No response from the licensee
2.	Along NH-565 from Km. 428/597 to 481/400 and Km 495/190 to 495/700 for a total length of 3210 mts (on LHS & RHS)	LHS	NH-565 from Km 425.400 to 509/400 (Penchalakona to Yerpedu section)	M/s. Vindhya Telelinks Ltd., Plot No. 56 Ishaq Colony, Opp Syndicate Bank, Picket Branch, Wellington Road, Marredpally, Secunderabad - 500015	17.06.2020	16.06.2025	21.10.2020	No	Agreement has been signed on 17.06.2020 & the licensee has commenced the work
3.	Water Pipe Line along NH-565 to provide drinking water facility to IIT and IISER Tirupati by laying 400 mm Dia DI pipelines from Km. 494/830 (Pallampeta) to 501/105 LHS and 2 rows of 200 MM Dia pipeline from Km 501/105 LHS to Km 505/100 LHS (IISER CAMPUS) IIT Tirupati for a total length of 13.620 Km	LHS	NH-565 from Km 425.400 to 509/400 (Penchalakona to Yerpedu section)	The Executive Engineer, RWS&S Division, Chennareddy Colony, Tirupati.	24.11.2020	23.11.2025	15.06.2021	No	Agreement has been signed on 24.11.2020 & the licensee has commenced the work
4.	Water Pipe Line along NH-565 from Km. 452/930 to 497/200 and Road crossings at km 452/930, 458/320, 464/600, 491/000 & 497/000 for a total length of (44,270 + 150 = 44,420 meters)	LHS	NH-565 from Km 425.400 to 509/400 (Penchalakona to Yerpedu section)	Andhra Pradesh Industrial Infrastructure Corporation Ltd., VCIC project Zone, Menakuru Village, Naidupeta Mandal, Nellore District - 524421	-	-	-	No	-


(SUJEET KUMAR)
IDSE
GM (T) & Project Director
NHAI, PIU-Tirupati

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Project Implementation Unit, D.No. 23/3/39/501, 5th Floor, Dhanalakshmi Nagar, Vykuntapuram Road, MR Palli, Tirupati - 517 507

Ph No : 0877-2245060

email : nhaltirupati@gmail.com

piutirupati@nhai.org



BHARATMALA
ROAD TO PROSPERITY

NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/476

To,
The Regional Officer,
National Highways Authority of India,
Vijayawada.

Sir,

Sub : **NHAI - PIU-Tirupati** - Rehabilitation and Up-gradation of existing NH-565 from Km. 425/400 to 509/400 (Penchalakona to Yerpedu section) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP-IV through Engineering, Procurement, & Construction (EPC) Basis" (Aggregate Length of 84 Km) - Granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs. length - **Observations raised - Compliance submitted - Approval - Reg**

- Ref: 1. APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/309, dt. 07.06.2021
2. T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/350 dt. 09.06.2021
3. NHAI, RO, VJA Lr. No. NHAI/RO-VJA/Access/PIU-TPTY/2020/1305, dt.16.06.2021
4. T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/403 dt. 17.06.2021
5. APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/327, dt. 23.06.2021 (copy enclosed)

Please refer to this office letter 2nd cited, wherein this office recommended the proposal for approval of Competent Authority for granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs. Length. Accordingly, RO, NHAI, Vijayawada vide reference 3rd cited had raised certain observations and requested for compliance of the same.

2. In this regard, this office requested APIIC, Naidupeta vide reference 4th cited for compliance of the same. Accordingly, APIIC, Naidupeta vide reference 5th cited (copy enclosed) has re- submitted the following point-wise replies duly complying the observations raised by RO, NHAI, Vijayawada

Contd.,

National Highways Authority of India
PIU - Tirupati.

//3//

3. In view of the above, this office recommending the re-submitted proposal duly complying the observations for approval of the Competent Authority for granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 464/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs. length in the subject stretch.

Encl: As above

Yours faithfully



(Sujeet Kumar)

IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati



P. Chandra sekharaiiah
Zonal Manager (i/c)
VCIC Project Zone
Naidupeta

Andhra Pradesh
Industrial Infrastructure corporation
(A Govt. of Andhra Pradesh Undertaking)
www.apiic.in

Lr No:- ZO/APIIC/VCICDP -05/NPT/327

Date: 23/06/2021

To
The Project Director,
NHAI, PIU-Dhanalakshmi Nagar,
M.R Palli,
Tirupati.

Sir,

Sub: NHAI-PIU-Tirupati-Rehabilitation and Up-gradation of existing NH-565 from Km.425/400 to 509/400 (Penchalakona to Yerpedu section) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP-IV through Engineering, Procurement & Construction (EPC) Basis (Aggregate Length of 84 Km)- Granting of ROW permission for laying of water pipe line along NH-565 from (1).Km 452/930 to Km 462/780 (2). 463/800 to 469/300 (3). 469/540 to 472/120 (4). 472/270 to 473/510 (5). 474/010 to 480/550 (6). 483/250 to 497/200 of NH-565 on Rapur-Yerpedu section & 5 -Road Crossings for a total length of (39,540M+187.50 m = 39,727.5 m Length)- **Certain Observations raised- Compliance Report -Submitted -Permission Requested-Regarding.**

NHAI-PIU TPT.		
No.	737	
Date:	28 JUN 2021	
PD	[Signature]	
LAO	1	2
PA		
SE	1	2
	3	4
ACCNT.		

- Ref.: 1. APIIC Lr.no.: ZO/APIIC/VCICDP-05/NPT/309,dt:07.06.2021.
2. T/o Lr no.: NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/350, Dt:09-06-2021.
3. NHAI,RO,VJA Lr. no.: NHAI/RO-VJA/Access/PIU- TPTY/2020/ 1305, Dt:16.06.2021.
4. PD NHAI Lr no.: NHAI/PIU-TPT/15056/NH-565/APIIC/422/2021/076 Dt.16.04.2021.

In continuation to the subject matter, Compliance report is herewith submitted for the observations raised by the Regional Officer, NHAI, Vijayawada in Ref.3rd cited.

- i. DI water pipe line is crossing NH-565 in 5 locations (Annexure)- Enclosed.

Km.452/930 to 452/960: Pipe line is aligned along SH:Podalakur-Rapur Road and crossing NH- 565 at normal to carriage way.

Km.458/320 to 458.350 , Km.464/600 to 464/630 & Km.497/170 to 497/200 : Pipe line is crossing at 45° to Carriage way .

Km.491/000: Subsidiary pipe line is taking off from main pipe line, hence crossing at normal to Carriage way.



P. Chandra sekharaiiah
Zonal Manager (I/c)
VCIC Project Zone
Naidupeta

Andhra Pradesh
Industrial Infrastructure corporation
(A Govt. of Andhra Pradesh Undertaking)
www.apic.in

Main pipe line at locations **Km.458/320 to 458.350** , **Km.464/600 to 464/630** & **Km.497/170 to 497/200** is crossing at 45° to Carriage way due to the following technical reasons

1. To allow smooth & uniform flow with minimum loss of head.
 2. To reduce Hammering pressure during sudden release of water/Suction pressure during sudden arrest of flow i.e, Surge pressures.
- ii. & iii. Total length of pipe line is 39,727.50m, the details as furnished in Annexure-1.
- iv. The details of location, type and Dia. of casing pipes are furnished in Annexure -1 and also attended the remarks in Sr. No: 1.19(d)
- v. License fee and Performance bank guarantee are furnished in Annexure-1 & II as suggested.
- vi. The methodology of laying water pipe line is as follows.
- a. Open trench method along NH.
 - b. HDD method at crossings of NH with casing pipe of Dia as per Annexure-1.
 - c. Pipe line will not be carried over any existing bridges.
 - d. Pipe line will be taken away from existing structures.
 - e. Further cross sectional drawings are furnished as per MORTH Circular.
- vii. Sr. Nos: 1.17, 1.18 & 2.4.3 of check list are updated in detail.
The water pipe line is taken adjacent and away from bridges with separate infrastructure with agency own arrangement and cost.
The method of crossing at vagus may be beneath the vagu well below the scour depth or above the vagu MFL depending upon the vagu memoirs Viz., Discharge, depth of flow, cross section width, fall etc....
- viii. Shall be furnished at PD,NHAI, Tirupati.
- ix. The user agency is VCIC Zonal Office,APIIC Ltd., Naidupeta as Project Implementation Unit (PIU). M/s Pearl Distillery Ltd. is no way Connected. It is typing error, occurred in 5.3 (xiv) and 5.5 of



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BHARATMALA
ROAD TO PROSPERITY

NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/350

Date: 09.06.2021

To,
The Regional Officer,
National Highways Authority of India,
Vijayawada.

Sir,

Sub : NHAI - PIU-Tirupati - Rehabilitation and Up-gradation of existing NH-565 from Km. 425/400 to 509/400 (Penchalakona to Yerpedu section) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP-IV through Engineering, Procurement, & Construction (EPC) Basis" (Aggregate Length of 84 Km) - Granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 462/780 & 463/800 to 464/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs. length - Excluding the 4 locations proposed on Main Carriage way for a total length of 4.41 Kms - Approval - Requested - Reg.

- Ref: 1) APIIC Lr. No. VCIC-05/NH-565/Rapur-1/02/110, dt. 26.06.2020
2) T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2020/330, dt. 23.07.2020
3) RO, NHAI, VJA, Lr. No. NHAI/RO-VJA/Access/PIU-TPTY/2020/1078, dt.18.09.2020
4) T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/Access/13(B)/2020/609, dt. 13.10.2020
5) APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/209, dt. 19.11.2020
6) T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2020/793, dt. 25.11.2020
7) RO, NHAI, VJA Lr. No. NHAI/RO-VJA/TPTY/NOC/2016/200, dt.29.01.2020
8) APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/278, dt. 01.04.2021
9) T/o. Lr. No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2021/076, dt. 16.04.2021
10) APIIC Lr. No. ZO/APIIC/VCICDP-05/NPT/309, dt. 07.06.2021 (Copy enclosed)

With reference to the above subject cited, it is to inform that Andhra Pradesh Industrial Infrastructure Corporation Ltd., Naidupeta vide letter 1st cited above, has submitted a proposal to this office for Granting of ROW permission for laying of Water Pipe Line along NH-565 from Km. 452/930 to 497/200 and Road crossings at km 452/930, 458/320, 464/600, 491/000 & 497/000 for a total length of (44,270 + 150 = 44,420 meters) and the same has been submitted to RO, NHAI, Vijayawada vide reference 2nd cited.

2. Further, RO, NHAI, Vijayawada vide reference 3rd cited raised certain observations and returned the proposal unapproved in accordance with the provisions of guidelines dated 22.11.2016 and the same has been forwarded to the applicant vide reference 4th cited.

Contd.,

1/2/1

3. Accordingly, M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., Naidupeta vide reference 5th cited has re-submitted the proposal complying the para-wise remarks and this office forwarded the same for approval of the Competent Authority vide reference 6th cited.
4. Further, RO, NHAI, Vijayawada vide reference 7th cited informed that for laying of 4.41 Kms of pipe line under the main carriage way, as per para 2.6 of MoRTH Circular No. RW/NH-33044/299/2015/S&R, dt. 22.11.2016, the said proposal could not be considered for approval as the proposal was submitted without incorporating any alternative routes but only proposed pipelines to be laid under the main carriageway.
5. In this connection, APIIC, Naidupeta vide reference 8th cited again requested to grant the permission to lay water pipeline in the RoW of the road along NH-565 from Km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs.) length duly exploring alternate routes for laying pipelines beyond the embankment for 4.41 km stretch.
6. This office vide reference 9th cited returned the proposal to APIIC, Naidupeta and requested to submit a new / revised proposal duly deducting length of 4.41 Kms in Strip plans, License Fee, Performance Security / BG for taking further course of action.
7. In this regard, APIIC, Naidupeta vide reference 10th cited submitted the revised proposal as mentioned below and requested to accord permission at the earliest as the Govt. of AP is reviewing the work frequently.

NH 565 CC Road Locations				
S.No.	Village Name	Chainage		Length (mts)
		From	To	
1.	Dakkili	462+780	463+800	1020
2.	Thimmayapalem	469+300	469+540	240
3.	Vaddipalle	472+120	472+270	150
5.	Nagole	473+510	474+010	500
6.	Venkatagiri	480+550	483+250	2700
		Total		4610

Contd.,

National Highways Authority of India
PIU - Tirupati.

//3//

6. In view of the above, the proposal of APIIC, Naidupeta is herewith forwarded for approval of the Competent Authority for granting of ROW permission for laying of Water Pipe Line along NH-565 from km. 452/930 to 462/780 & 463/800 to 46/300 & 469/540 to 472/120 & 472/270 to 473/510 & 474/010 to 480/550 & 483/250 to 497/200 of NH-565 on Rapur - Yerpedu section & Road Crossings at Km 452/930, 458/320, 464/600, 491/000, 497/000 for a total length of (39+660m + 150 m= 39810 mtrs.) in the state of Andhra Pradesh

Thanking you,

Encl: As above

Yours faithfully



(Sujeet Kumar)

IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati

CERTIFICATE

1. Undersigned has examined the proposal of the applicant for laying of Water Pipelines and confirms all the standard conditions satisfied issued Ministry Circular No. RW/NH-33044/29/2015/S&R(R) dt. 22.11.2016
2. It will be ensured that supervision of the work of laying of utility and the defects in road portion after laying of utility are corrected through supervision consultants.
3. It will be ensured that proposed permission is entered in the register of records



(Sujeet Kumar)
IDSE

GM (T) & Project Director
NHAI, PIU-Tirupati



P. Chandra Sekharaiah
Zonal Manger (I/C)
VCIC Project Zone
Naidupeta

Andhra Pradesh
Industrial Infrastructure corporation
(A Govt. of Andhra Pradesh Undertaking)
www.apic.in

Lr No:- ZO/APIIC/VCICDP -05/NPT/309

Date: 07/06/2021

To,
The Project Director,
NHAI, PIU-Dhanalakshmi Nagar,
MR Palli, Tirupati

NHAI-PIU TPT			
No. 552	Sub: APIIC/VCICDP/05/Providing water supply to Prioritized Industrial clusters in		
Date: 09 JUN 2021	Andhra Pradesh Southern region - NHAI-PIU-Tirupathi-Penchalakona-Yerpedu		
PD	section of NH-565-Granting of ROW permission for laying of water pipe line		
LAO	1	2	along NH-565 from Km.452/930 to 497/200 & Road crossings at Km. 452/930,
SE	1	2	458/320, 464/600, 491/000 & 497 /000 for a total length of (44,270 +
ACNT.	3	4	150=44,420M) of NH land on Penchalakona - Yerpedu section in the state of
	Andhra Pradesh ROW permission- revised proposal excluding 4 locations in		
	main Carriage way - submitted - permission - Requested - Regarding.		

Recd Ved
by Email

- Ref: 1. APIIC Lr. No. VCIC-05/NH-565/Rapur-1/02/110, dt: 26.06.2020.
2. T/o Lr No. NHAI/PIU-TPT/15056/NH-565/OFC/422/2020/330, dt:23-07-2020.
3. RO, NHAI, Vijayawada Lr. No. NHAI/ROVJA/Access/PIU-TPTY/2020/1078,
Dt: 18.09.2020
4. NHAI/PIU-TPT/11011/NH-565/Access/13(8)/2020/609 dt.13.10.2020
5. Lr. No.: NHAI/RO-VJA/TPTY/NOC/2016/200 Dt: 29.01.2021
Copy. Received.
6. T/o Lr no.: ZO/APIIC/VCICDP-05/NPT/278 Dt. 01-04-2021
7. NHAI/PIU-TPT/15056/NH-565/APIIC/422/2021/076 dt.16.04.2021.

It is to apprise that as part of the Visakhapatnam Chennai Industrial Corridor (VCIC) project, a project of national importance being executed with funding assistance from Asian Development Bank in the state of Andhra Pradesh, it is envisaged to provide 112 MLD Bulk Water Supply to prioritized industrial clusters in southern region of Andhra Pradesh. Hence, for the said water supply a pipeline is being laid. The 6 industrial clusters which are dependent on the water supply from the pipeline include Krishnapatnam, SRI City, Chittoor, Naidupeta, Yerpedu - Srikalahasti Cluster, Chinnapanduru (Hero Motor Corp. & Apollo Tyres) and Industrial Park Mambattu which are spread in an area of 64,617 Acres.



P. Chandra Sekharalah
Zonal Manger (I/C)
VCIC Project Zone
Naidupeta

Andhra Pradesh
Industrial Infrastructure corporation
(A Govt. of Andhra Pradesh Undertaking)
www.apilc.in

The necessary charges if any shall be paid after the receipt of demand.
Requesting again for expedited approvals.

Thanking you,

ENcls: Proposals Booklets- 4Nos

Yours faithfully,

P. Chandra Sekharalah 7/6
Zonal Manager(I/C)
VCIC Projects Zone,
APIIC Ltd, Naidupeta

✓ Copy submitted to Engineer In Chief, APPIC, Mangalagiri for favor of information.

Annexure-1
Evaluation of License Fee

S.No	Chainage		(Dia of pipe mt)	Measurements in Mtrs		Area in Sq.M	Rate/Sq. M	Amount in Rs	Methodology
	From	To		Dia of MS casing pipe (mts)	Length of pipe				
1	452/930	452/960	1.10	1.60	30.00	48.00	66.00	3168.00	Crossing normal to Carriage way by HDD Method
2	452/960	453/766	1.10	--	806.00	886.60	66.00	58515.60	Open Trench Method
3	453/766	454/730	1.10	--	964.00	1060.40	66.00	69986.40	Open Trench Method
4	454/730	455/230	1.10	--	500.00	550.00	54.00	29700.00	Open Trench Method
5	455/230	458/230	1.10	--	3000.00	3300.00	54.00	178200.00	Open Trench Method
6	458/230	458/320	1.10	--	90.00	99.00	54.00	5346.00	Open Trench Method
7	458/320	458/350	1.10	1.60	42.50	68.00	54.00	3672.00	Crossing at 45° to carriage way by HDD method.
8	458/350	459/830	1.10	--	1480.00	1628.00	54.00	87912.00	Open Trench Method
9	459/830	461/330	1.10	--	1500.00	1650.00	173.00	285450.00	Open Trench Method
10	461/330	462/780	1.10	--	1450.00	1595.00	173.00	275935.00	Open Trench Method
11	463/800	464/600	1.10	--	800.00	880.00	203.00	178640.00	Open Trench Method
12	464/600	464/630	1.10	1.60	42.50	68.00	203.00	13804.00	Crossing at 45° to carriage way by HDD method.
13	464/630	464/730	1.10	--	100.00	110.00	203.00	22330.00	Open Trench Method
14	464/730	466/230	1.10	--	1500.00	1650.00	173.00	285450.00	Open Trench Method
15	466/230	467/530	1.10	--	1300.00	1430.00	173.00	247390.00	Open Trench Method
16	467/530	468/530	1.10	--	1000.00	1100.00	173.00	190300.00	Open Trench Method
17	468/530	469/300	1.10	--	770.00	847.00	173.00	146531.00	Open Trench Method
18	469/540	470/630	1.10	--	1090.00	1199.00	173.00	207427.00	Open Trench Method
19	470/630	471/730	1.10	--	1100.00	1210.00	173.00	209330.00	Open Trench Method
20	471/730	472/120	1.10	--	390.00	429.00	173.00	74217.00	Open Trench Method
21	472/270	472/430	1.10	--	160.00	176.00	173.00	30448.00	Open Trench Method
22	472/430	472/930	1.10	--	500.00	550.00	173.00	95150.00	Open Trench Method
23	472/930	473/510	1.10	--	580.00	638.00	173.00	110374.00	Open Trench Method
24	474/010	475/230	1.10	--	1220.00	1342.00	173.00	232166.00	Open Trench Method
25	475/230	480/030	1.10	--	4800.00	5280.00	173.00	913440.00	Open Trench Method
26	480/030	480/550	1.10	--	520.00	572.00	293.00	167596.00	Open Trench Method
27	483/250	483/930	0.90	--	680.00	612.00	293.00	179316.00	Open Trench Method
28	483/930	485/130	0.90	--	1200.00	1080.00	293.00	316440.00	Open Trench Method
29	485/130	486/830	0.90	--	1700.00	1530.00	297.00	454410.00	Open Trench Method
30	486/830	487/330	0.90	--	500.00	450.00	297.00	133650.00	Open Trench Method

31	487/330	488/830	0.90	--	1500.00	1350.00	297.00	400950.00	Open Trench Method
32	488/830	490/230	0.90	--	1400.00	1260.00	297.00	374220.00	Open Trench Method
33	490/230	491/000	0.90	--	770.00	693.00	297.00	205821.00	Open Trench Method
34	491/000	491/000	0.50	1.00	30.00	30.00	297.00	8910.00	Crossing normal to Carriage way by HDD Method
35	491/000	491/030	0.80	--	30.00	24.00	297.00	7128.00	Open Trench Method
36	491/030	493/030	0.80	--	2000.00	1600.00	297.00	475200.00	Open Trench Method
37	493/030	494/630	0.80	--	1600.00	1280.00	297.00	380160.00	Open Trench Method
38	494/630	496/230	0.80	--	1600.00	1280.00	717.00	917760.00	Open Trench Method
39	496/230	497/170	0.80	--	940.00	752.00	717.00	539184.00	Open Trench Method
40	497/170	497/200	0.80	1.30	42.50	55.25	717.00	39614.25	Crossing at 45° to carriage way by HDD method.
				Total	39727.50	40362.25		8555241.25	

Total length of pipe = 39,540.00 m
Total length of Crossings = 187.50 m
Total = 39,727.50 m

License Fee Calculation

The land rate corresponding to the chainages is used for calculating License Fee.

License Fee (Rs/Sq.m/Month) = $\frac{8555241.25}{10 \times 12} = \text{Rs. } 71293.68 \text{ per Month}$

License Fee for 5 Years = $5 \times 12 \times 71293.68 = \text{Rs. } 4277620.625$

For industrial infrastructure (100%)

= Rs. 4277620.625

(Rupees forty two Lakhs seventy seven thousands six hundred twenty one Only)

P. Sankar
ZONAL MANAGER
VCIC PROJECT ZONE
APIIC Ltd: NAIDUPETA

Syl
PROJECT DIRECTOR
NHAI, PIU-TIRUPATHI
NHAI, PIU, Tirupati

Annexure - 2
Evaluation of Performance Bank Guarantee
(As per MoRTH circular no.: RW/NH/33044/29/2015/S&R®, Dt. 22-11-2016)

S.No	Chainage		(Dia of pipe mt)	Measurements in Mtrs		Rate/M	Amount in Rs	Methodology
	From	To		Dia of MS casing pipe (mts)	Length of pipe			
1	452/930	452/960	1.10	1.60	30.00	500.00	15000.00	Crossing normal to Carriage way by HDD Method
2	452/960	453/766	1.10	--	806.00	500.00	403000.00	Open Trench Method
3	453/766	454/730	1.10	--	964.00	500.00	482000.00	Open Trench Method
4	454/730	455/230	1.10	--	500.00	500.00	250000.00	Open Trench Method
5	455/230	458/230	1.10	--	3000.00	500.00	1500000.00	Open Trench Method
6	458/230	458/320	1.10	--	90.00	500.00	45000.00	Open Trench Method
7	458/320	458/350	1.10	1.60	42.50	500.00	21250.00	Crossing at 45° to carriage way by HDD method.
8	458/350	459/830	1.10	--	1480.00	500.00	740000.00	Open Trench Method
9	459/830	461/330	1.10	--	1500.00	500.00	750000.00	Open Trench Method
10	461/330	462/780	1.10	--	1450.00	500.00	725000.00	Open Trench Method
11	463/800	464/600	1.10	--	800.00	500.00	400000.00	Open Trench Method
12	464/600	464/630	1.10	1.60	42.50	500.00	21250.00	Crossing at 45° to carriage way by HDD method.
13	464/630	464/730	1.10	--	100.00	500.00	50000.00	Open Trench Method
14	464/730	466/230	1.10	--	1500.00	500.00	750000.00	Open Trench Method
15	466/230	467/530	1.10	--	1300.00	500.00	650000.00	Open Trench Method
16	467/530	468/530	1.10	--	1000.00	500.00	500000.00	Open Trench Method
17	468/530	469/300	1.10	--	770.00	500.00	385000.00	Open Trench Method
18	469/540	470/630	1.10	--	1090.00	500.00	545000.00	Open Trench Method
19	470/630	471/730	1.10	--	1100.00	500.00	550000.00	Open Trench Method
20	471/730	472/120	1.10	--	390.00	500.00	195000.00	Open Trench Method
21	472/270	472/430	1.10	--	160.00	500.00	80000.00	Open Trench Method
22	472/430	472/930	1.10	--	500.00	500.00	250000.00	Open Trench Method
23	472/930	473/510	1.10	--	580.00	500.00	290000.00	Open Trench Method
24	474/010	475/230	1.10	--	1220.00	500.00	610000.00	Open Trench Method
25	475/230	480/030	1.10	--	4800.00	500.00	2400000.00	Open Trench Method

S.No	Chainage		(Dia of pipe mt)	Measurements in Mtrs		Rate/M	Amount in Rs	Methodology
	From	To		Dia of MS casing pipe (mts)	Length of pipe			
26	480/030	480/550	1.10	--	520.00	500.00	260000.00	Open Trench Method
27	483/250	483/930	0.90	--	680.00	250.00	170000.00	Open Trench Method
28	483/930	485/130	0.90	--	1200.00	250.00	300000.00	Open Trench Method
29	485/130	486/830	0.90	--	1700.00	250.00	425000.00	Open Trench Method
30	486/830	487/330	0.90	--	500.00	250.00	125000.00	Open Trench Method
31	487/330	488/830	0.90	--	1500.00	250.00	375000.00	Open Trench Method
32	488/830	490/230	0.90	--	1400.00	250.00	350000.00	Open Trench Method
33	490/230	491/000	0.90	--	770.00	250.00	192500.00	Open Trench Method
34	491/000	491/000	0.50	1.00	30.00	250.00	7500.00	Crossing normal to Carriage way by HDD Method
35	491/000	491/030	0.80	--	30.00	250.00	7500.00	Open Trench Method
36	491/030	493/030	0.80	--	2000.00	250.00	500000.00	Open Trench Method
37	493/030	494/630	0.80	--	1600.00	250.00	400000.00	Open Trench Method
38	494/630	496/230	0.80	--	1600.00	250.00	400000.00	Open Trench Method
39	496/230	497/170	0.80	--	940.00	250.00	235000.00	Open Trench Method
40	497/170	497/200	0.80	1.30	42.50	500.00	21250.00	Crossing at 45° to carriage way by HDD method.
				Total	39727.50		16376250.00	

Total Value of Bank Guarantee in Rs.

16376250.00

(Rupees one crore sixty three lakhs seventy six thousands two hundred and fifty only)

P. QeSarad 22/6
ZONAL MANAGER
VCIC PROJECT ZONE
APIIC Ltd: NAIDUPETA


PROJECT DIRECTOR
NHAI, PIU-TIRUPATHI
Project Director
NHAI, PIU, Tirupati

CHECK – LIST

Guidelines for processing the proposal for laying Water Pipe Line along National Highways vested with NHAI/PWD/BRO.

Relevant Circulars: Ministry Circular No.RW/NH-33044/29/2015 S&R(R) dated 22.11.2016

Check list for getting approval for laying of over head Electrical line on NH land

S.No.	Item	Information/Status	Remarks
1.	General Information		
1.1	Name and Address of the Applicant/ Agency	VCIC Zonal Office, APIIC Ltd., MPSEZ, Menakuru, Naidupet Mandal, SPSR Nellore District, A.P.,	
1.2	National Highway Number	NH-565(Rapur-Yerpedu Section)	
1.3	State	Andhra Pradesh	
1.4	Location		
1.5	(Chainage in Km)	(1). 452/930 to 462/780 (2). 463/800 to 469/300 (3). 469/540 to 472/120 (4). 472/270 to 473/510 (5). 474/010 to 480/550 (6). 483/250 to 497/200 and 5- crossings as per annexure-1	
1.6	Length in Meters	39540 Mtr + 187.50 Mtr (Road Crossings) = 39727.50 Mtr	
1.7	Width of available ROW		
	(a) Left side from center line towards increasing chainage/Km direction	As per Sheet Attached	
	(b) Right side from center line towards increasing chainage/Km direction	As per Sheet Attached	
1.8	Proposal to laying WATER PIPE LINE cable		
	(a) Left side from center line towards increasing chainage/Km direction	(At the edge of ROW) Yes,As per Drawings attached	
	(b) Right side from center line towards increasing chainage/Km direction	(At the edge of ROW) Yes,As per Drawings attached	
1.9	Proposal to acquire land		
	(a) Left side from center line	NA	
	(b) Right side from center line	NA	
1.10	Whether proposal is in the same side where land is not to be acquired	YES	
	If not then where to lay the cable	NA	

1.11	Details of already laid services, if any, along the proposed route	Airtel, BSNL OFC Line	
1.12	Number of existing lanes (2/4/6/8 lanes)	2Lanes	
1.13	Proposed Number of lanes (2 lane with paved shoulders/4/6/8 lanes)	NA	
1.14	Service road existing or not	YES	
	If yes then which side	Both sides	
	(a) Left side from center line		
	(b) Right side from Center line	Both sides	
1.15	Proposed Service road		
	(a) Lift side from center line	NA	
	(b) Right side from center line	NA	
1.16	Whether proposal to laying Water Pipe Line is after the service road or between the service road and main carriage way	After the service road	
1.17	Whether carrying of sewage/gas/WATER PIPE LINE pipe line has been propsoed on highway Bridges. If Yes, the mention the methodology proposed for the same	No	
1.18	Whether carrying of sewage/gas pipe line has been propsoed on parapet/any part of the bridges. If Yes, the mention the methodology proposed for the same	NA	
1.19	If crossings of the road involved If Yes, it shall be either encased in pipes or through structure or conduits specially built for that purpose at the expenses of the agency owning the line.	Yes HDD method	
	a) Whether existing drainage structure allowed carrying utility pipeline.	No Such Proposals	
	b) Is it on a line normal to NH	as furnished in Annexure-1	
	c) What is the distance of crossing the utility pipelines from the existing structures. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.	More than 15 Mtr	
	d) The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of steel, cast iron, or	MS Casing pipe as furnished in Annexure-1	

	reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe / cable. Mention type of casing.		
	e) Ends of the casing / conduit pipe / tower foundation shall be sealed from the outside, so that it does not act as a drainage path.	Will be followed	
	f) The casing / conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope of slope in the fills.	Will be followed	
	g) The top of the casing/conduit pipe / tower foundation should be at least 1.2 meter below the surface of the road subject to bring atleast 0.3 m below the drain inverts.	The proposed conduit pipe will be at a depth of 1.65 Mtr.	
	h) Mention the methodology proposed for crossing of road for the proposed WATER PIPE LINE. Crossing shall be by boring method (HDD) especially where the existing road pavement is of cement concrete or dense bituminous concrete type.	HDD (Trench less technology)	
	i) The casing / Conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.	Will be followed	
2	Document / drawing enclosed with the proposal	Enclosed	
2.1	Cross section showing the size of the trench for open trenching method. (Is it normal size of 1.6m(min) deepX0.3 wide) i) Should not be greater than 60 cm wider than the outer diameter of the pipe. ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-line of the nearest carriageway iii) shall not be permitted to run along the National highway when the road formation is situated in double cutting,	Drawing enclosed	

	Nor shall these be laid over the existing culverts and bridges. iv) These should be so laid that their top is atleast 0.6 meter below the ground level so as not to obstruct drainage of the road land.		
2.2	Cross section showing the size of pit and location of pipe line for HDD method.	Enclosed	
2.3	Strip plan / Route plan showing the Water Pipe line, chainage, width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drawings work etc.	Enclosed	
2.4	Methodology for laying of WATER PIPE LINE	Laying methodology enclosed Annexure-1	
2.4.1	Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type.) If yes, methodology of refilling of trench.	Yes Back fill with suitable soil in each layer 150mm and compacting with hand hammer.	
	(a) The trench width should be atleast 30 cm but not more than 60cm wider than the outer diameter of the pipe.	YES Will be followed	
	(b) For filling of the trench, bedding shall be to a depth of 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 edged should be excavated and replaced by replaced by selected material	YES Will be followed	
	(c) The backfill shall be completed in two stages (i) side-fill to the level to the top of the pipe and (ii) overfill to the bottom of the road crust.	YES Will be followed	
	d) The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering 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	YES Will be followed	

	removed. Consolidation by saturation or ponding will not be permitted.		
	e) The road crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	YES Will be followed	
	f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours.	YES Will be followed	
	g) If required, a diversion shall be constructed at the expense of agency owning the utility line	YES Will be followed	
2.4.2	Horizontal Directional Drilling (HDD) method.	Adopted for road crossings and built up areas where normal trenching is not possible	
2.4.3	Methodology for laying of Water Pipe Line through CD works and method of Laying. In cases where the carrying of gas pipe line on the bridge becomes in escapable.	Water pipe line taken adjacent and away from CD works with own arrangements	
3	Draft License agreement signed by two witnesses.	YES	
3.1	The License fee estimate s per Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016	Enclosed	
4	Whether Performance Bank Guarantee as Ministry's guidelines issued vide circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 is obtained.	An undertaking given by the agency towards Performance Bank Guarantee as per extant norms MoRTH per each crossing as demanded by NHAI/MoRTH.	
4.1	Confirmation of BG has been obtained or not as per MoRTH/NHAI guidelines.	Yes	
5	Affidavit / undertaking from the Applicant for the following is to be furnished	Yes	
5.1	Undertaking for not to Damage any other utility. If damaged then to pay the losses either to NHAI or to the concerned agency.	YES, Enclosed	
5.2	Undertaking for Renewal of Bank Guarantee as and when asked by MoRTH/NHAI.	YES, Enclosed	
5.3	Undertaking for Confirming all standard conditions of Ministry	YES, Enclosed	

	Circulars and NHAI's guideline		
5.4	Undertaking for Indemnity against all damages and claims.	YES,Enclosed	
5.5	Undertaking for management of traffic movement during laying of utility line without hampering the traffic.	YES,Enclosed	
5.6	Undertaking that if any claim is raised by the concessionaire/contractor then the same has to be paid by the applicant.	YES,Enclosed	
5.7	Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of the installation, shifting or repairs or alterations to the utility located in the National Highway right of ways.	YES,Enclosed	
5.8	Undertaking that expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the utility line will be borne by the applicant agency owning the line.	YES,Enclosed	
5.9	Undertaking that text of the license deed is as per verbatim of MoRTH format (issued vide Ministry's Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016).	YES,Enclosed	
5.10	Undertaking that the applicant has obtained various safety clearances from the representative authorities such as Directorate of Electricity, Chief controller of Explosives, Petroleum and Explosive Safety organisation, Oil Industry Safety Directorate, State/Central Pollution Control Board and any other statutory clearances applicable, before applying to Highway Administration.	NA	
5.11	If the MoRTH/NHAI considers it necessary in future to move the utility line for any work for improvement or repairs to the road it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	Enclosed	

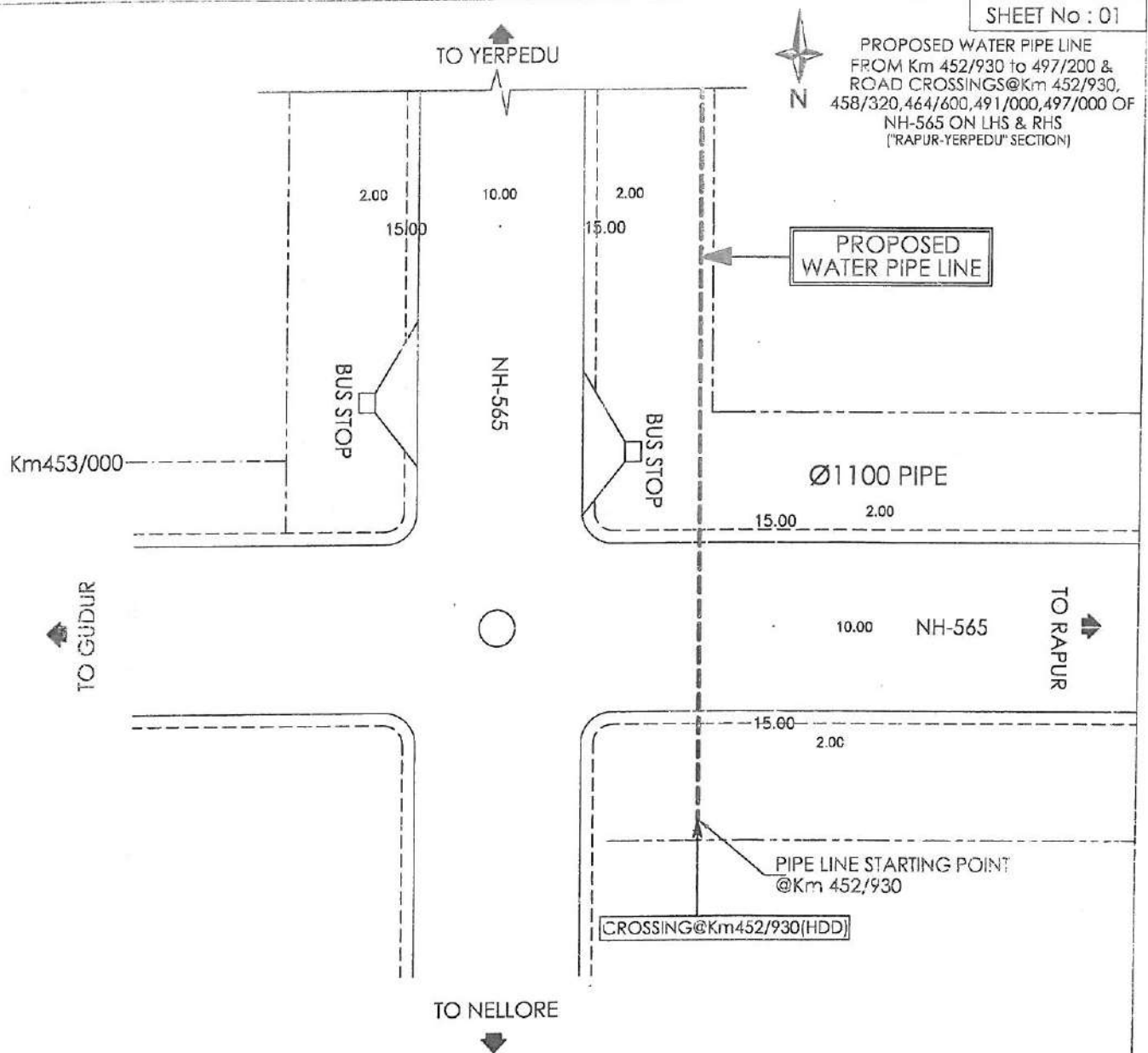
5.12	Certificate from the applicant in the following format i) Laying of over head electrical line will not have any deleterious effects on any of the bridge components and roadway safety for traffic. ii) for 6 laning "we do undertake that I will relocate services road / approach road / utilities at my own cost not withstanding the permission granted within such time as will be stipulated by NHAI for future six laning or any other development.	Yes, Enclosed	
6	Who will sign the agreement on behalf of Laying of WATER PIPE LINE	VCIC Zonal Office, APIIC Ltd., Naidupeta.	
	Power of Attorney to sign the agreement is available or not	Yes	
7	The Project Director, will submit the following Certificates.		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No.NH-41 (58)/68 dated 31.01.1969, Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016.	PD,PIU-Tirupati	
7.2	Certificate from PD in the following format (i) " It is certified that any other location of the WATER PIPE LINE line would be extremely difficult and unreasonable costly and the installation of Water Supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement. Such as widening of the carriageway, easing of Curve etc".	PD,PIU-Tirupati	
	(ii) for 6-lanning (a) Where feasibility is available " I do certify that there will be no hindrance to proposed six-lanning based on the feasibility report considering proposed structures at the said location". (b) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodation proposed six-laning".	PD,PIU-Tirupati	

	If NH section proposed to be taken up by NHAI on BOT basis – s cause in para 9 to be inserted in the agreement. "The permitted Highway on which license has been granted as a right to lay cable / duct, has also been granted as a right of the way to be concessional under the concession agreement for up-gradation on build, operate and transfer basis] and therefore, the license shall honor the same".	Enclosed	
8.	Who will supervise the work of laying of WATER PIPE LINEz		
	(a) On behalf of the Applicant	VCIC Zonal Office	
	(b) On bealf of NHAI	PD,PIU-Tirupati	
9.	Who will ensure that the defects in road portion after laying of over Head electrical line are corrected and if not corrected then what action will be taken.		
	(a) On behalf of the Applicant	VCIC Zonal Office	
	(b) On bealf of NHAI	PD,PIU-Tirupati	
11	Who will pay the claims for damages done / disruption in working of concessionalre if asked by the concessionalre	VCIC Zonal Office	
12	A certificate from Project Director that he will enter the proposed permission in the register of records of the permission in the prescribed proforma (copy enclosed).	Yes Enclosed Annexure-III	
13	If any previous approval is accorded for laying of WATER PIPE LINE then photocopy of register of records of permissions accorded as maintained by Project Director may be enclosed.	Yes	

P. *W. S. S. S.* 23/6
Zonal Manager
APIC-Ltd., Naidupeta

[Name, Designation and signature of the authorised representative of applicant]

S. S. S.
Project Director
NHAI, PIU, Tirupati



P. Reddy
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

S. L.
Project Director
NHAI, PIU, Tirupati

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	==><==
MEDIAN OPENING	=><=
EXISTING CABLE STONE	□

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Km454/000

2.00

10.00

2.00

15.00

15.00

3.50M WIDE C.C CH:453/630

MASID PET

Km453/800

PROPOSED
WATER PIPE LINE

BOX CULVRT
@Km 453/660

3.50M WIDE C.C CH:453/630

Km453/600

15.00

15.00

MARKET YARD

Ø1100 PIPE

BOX CULVRT
@Km 453/503

Km453/400

1.00

Km453/200

3.50M WIDE WBM CH:453/120

MAIN CARRIAGE WAY

BUS STOP

15.00

BUS STOP

15.00

Km453/000

2.00

10.00

2.00

BERM

BERM

TO RAPUR

P. Chandu
Zonal Manager
VCI C Project Zone
APJC Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

[Signature]
Project Director
NHAI, P.U., Tirupati

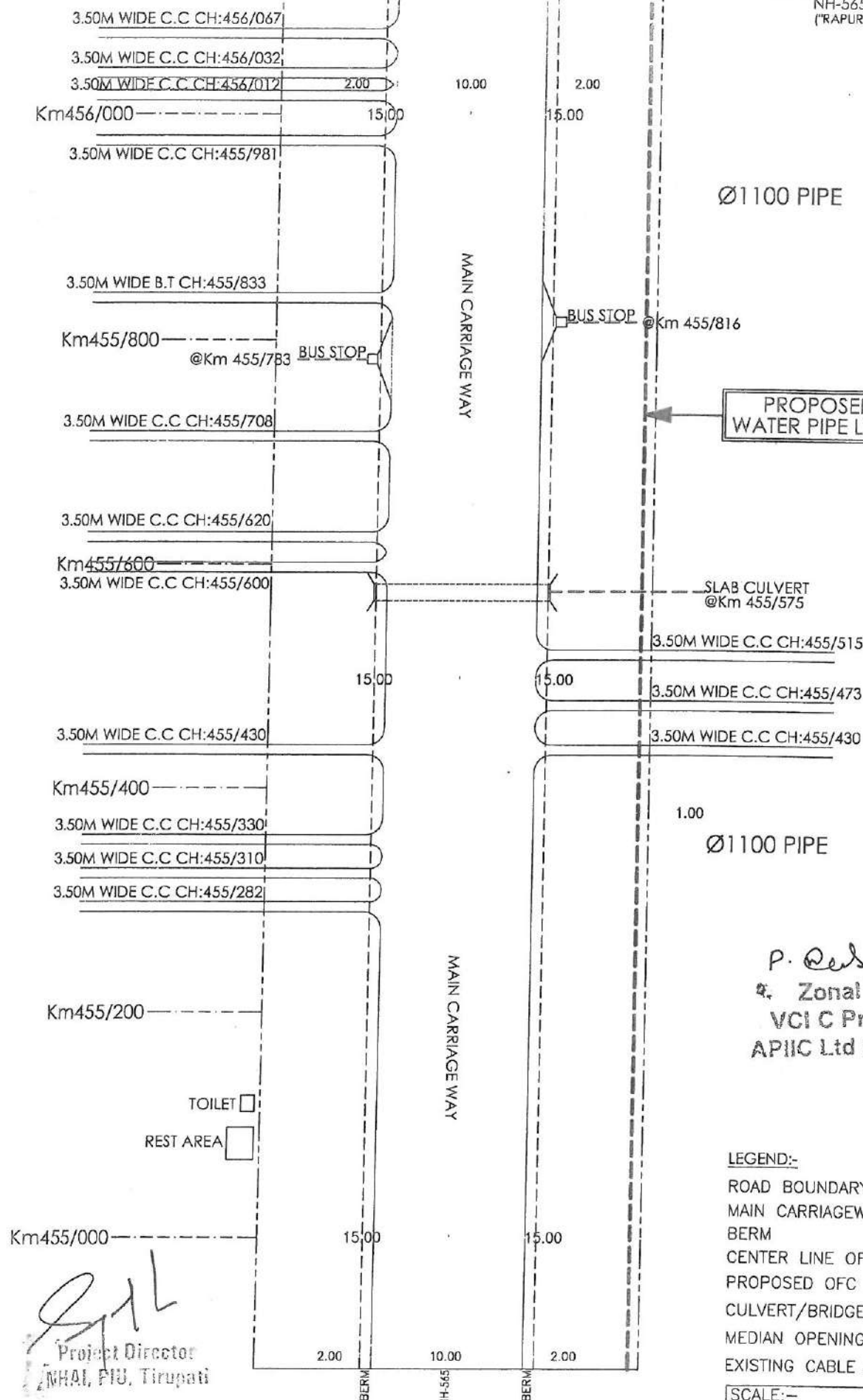


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PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
(TRAPUR-YERPEDU SECTION)



TO YERPEDU



PROPOSED
WATER PIPE LINE

SLAB CULVERT
@ Km 455/575

3.50M WIDE C.C CH:455/515

3.50M WIDE C.C CH:455/473

3.50M WIDE C.C CH:455/430

1.00

Ø1100 PIPE

P. Suresh
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	=====
BERM	----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	□

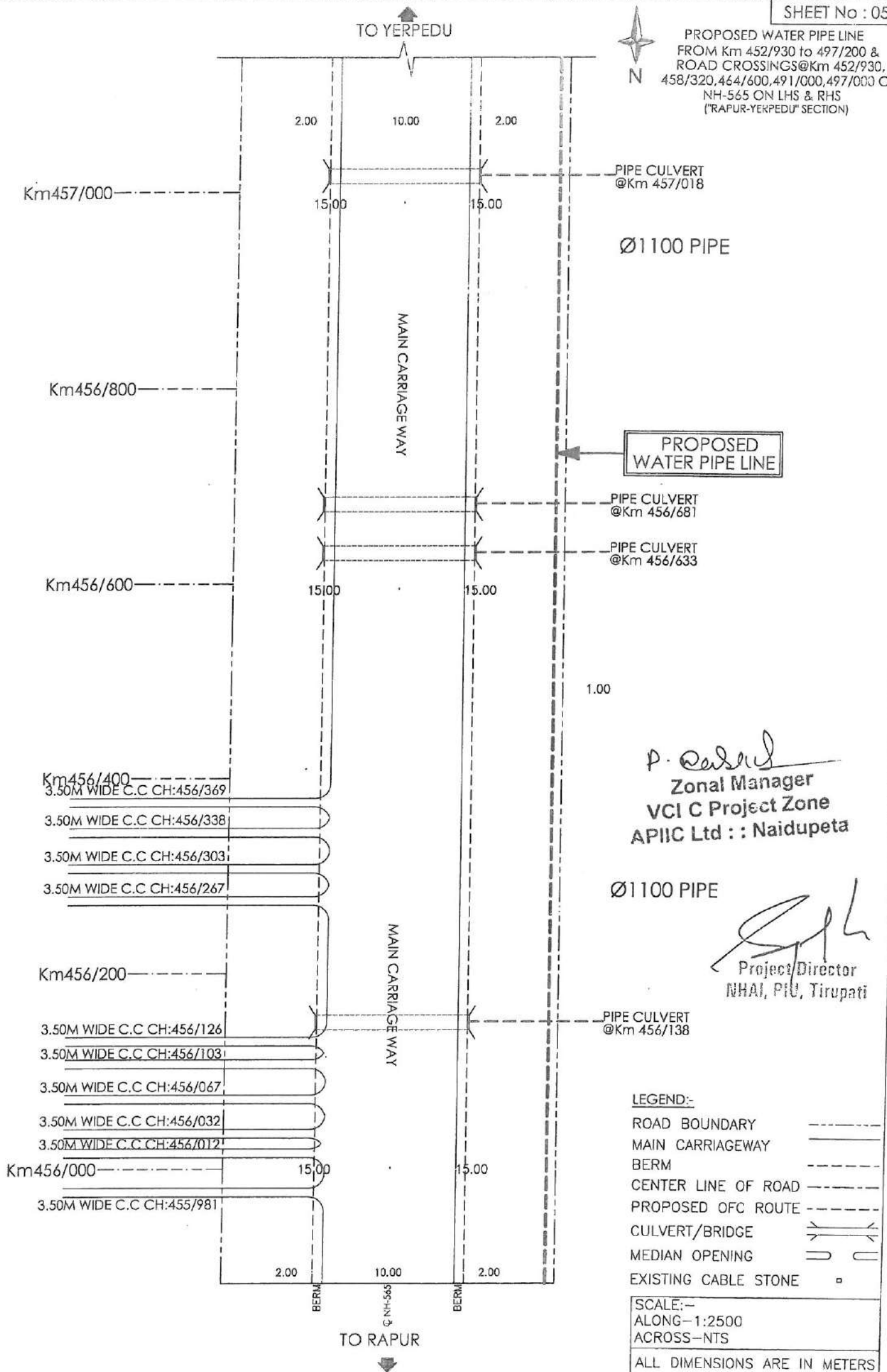
SCALE:-

ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

Project Director
NHAI, PIO, Tirupati

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PIPE CULVERT
@Km 457/018

Ø1100 PIPE

PROPOSED
WATER PIPE LINE

PIPE CULVERT
@Km 456/681

PIPE CULVERT
@Km 456/633

1.00

P. S. S. S.
Zonal Manager
VCI C Project Zone
APIIC Ltd :: Naidupeta

Ø1100 PIPE

S. S. S.
Project Director
NHAI, PIU, Tirupati

PIPE CULVERT
@Km 456/138

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	□

SCALE:-

ALONG-1:2500

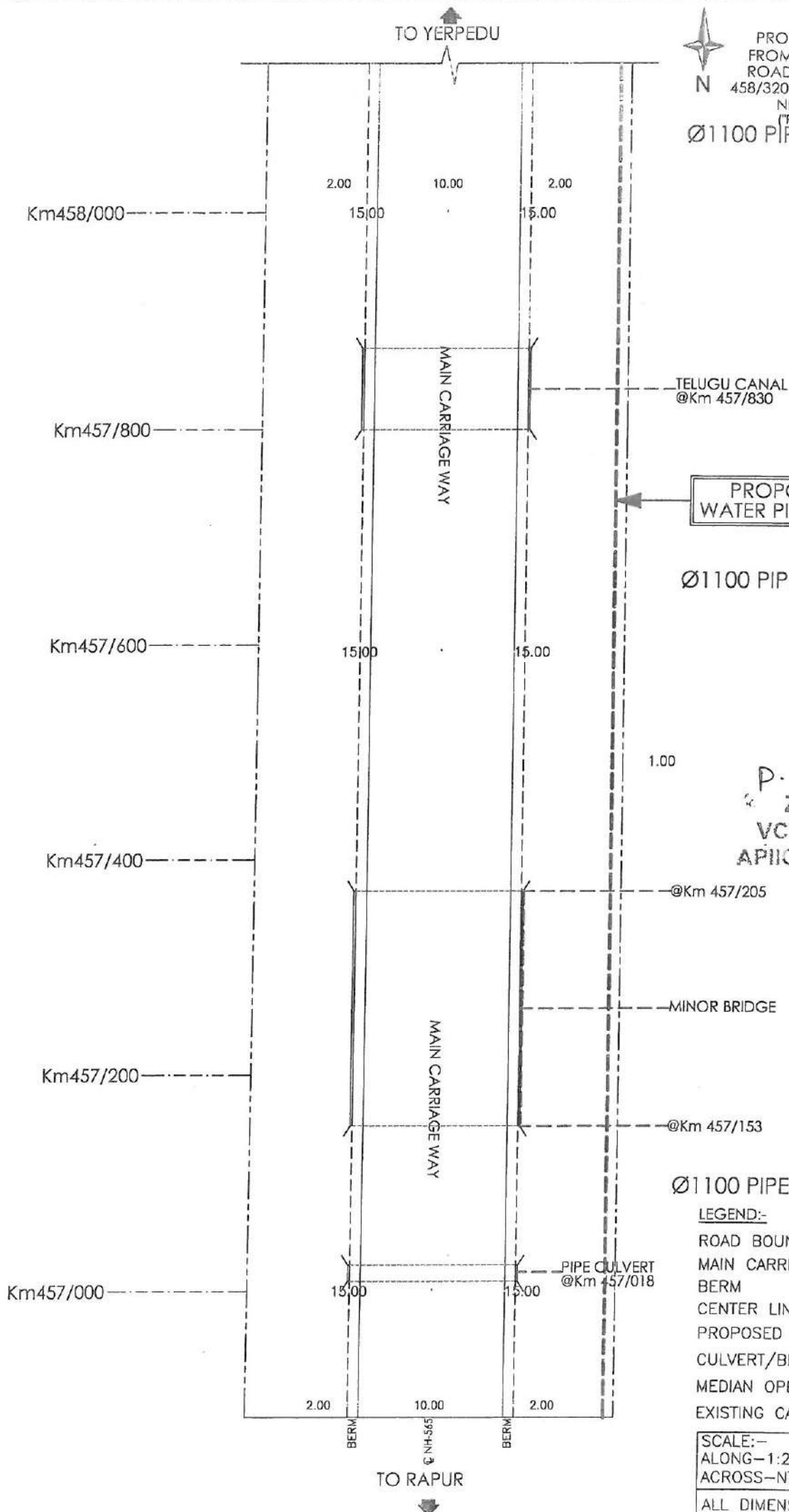
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Ø1100 PIPE



PROPOSED
WATER PIPE LINE

Ø1100 PIPE

1.00

P. Reddy
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

@Km 457/205

MINOR BRIDGE

@Km 457/153

Ø1100 PIPE

LEGEND:-

ROAD BOUNDARY ———
MAIN CARRIAGEWAY ———
BERM ———
CENTER LINE OF ROAD ———
PROPOSED OFC ROUTE ———
CULVERT/BRIDGE 
MEDIAN OPENING 
EXISTING CABLE STONE 

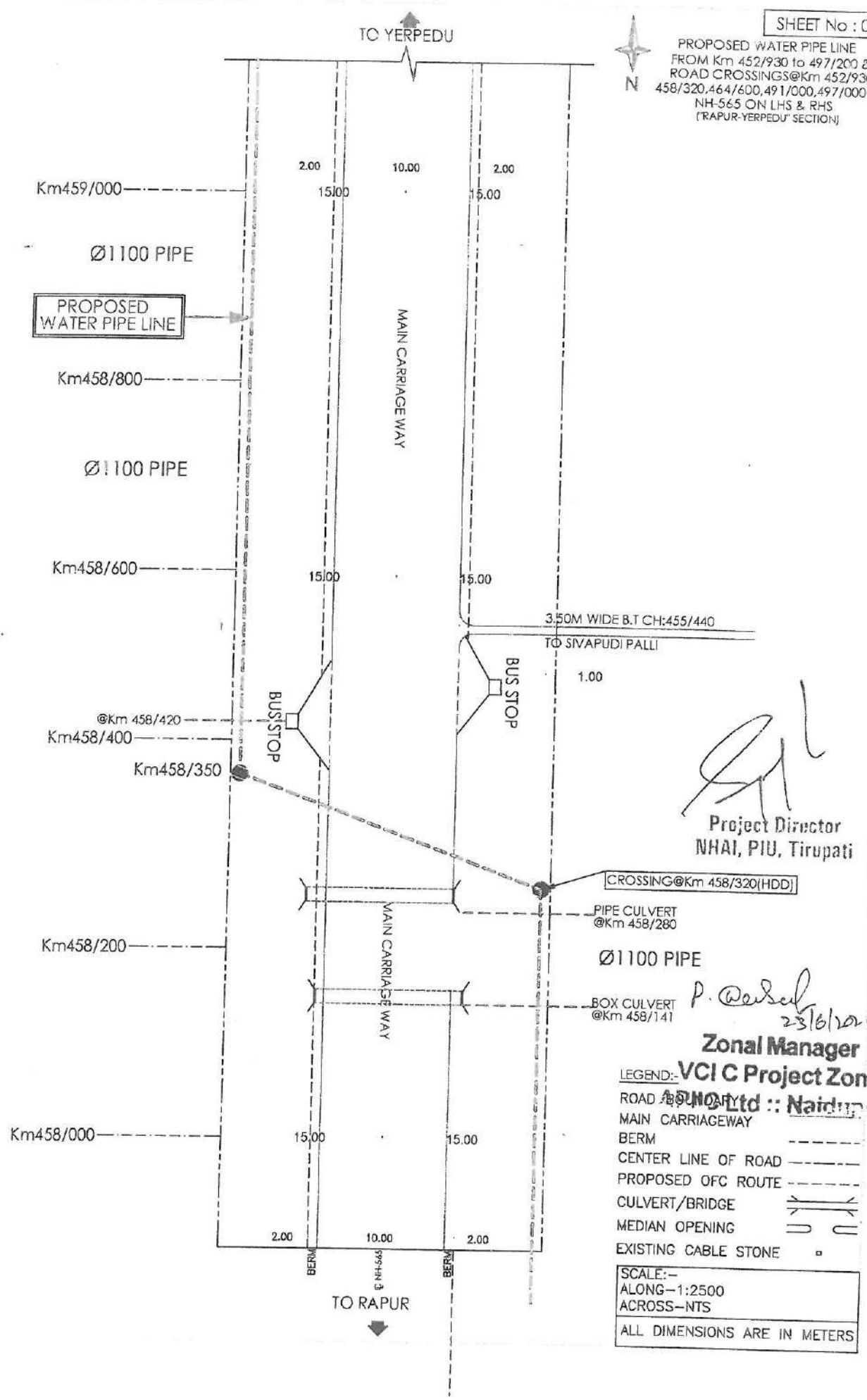
SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

SHEET No : 07



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
(TRAPUR-YERPEDU SECTION)



[Signature]
Project Director
NHAI, PIU, Tirupati

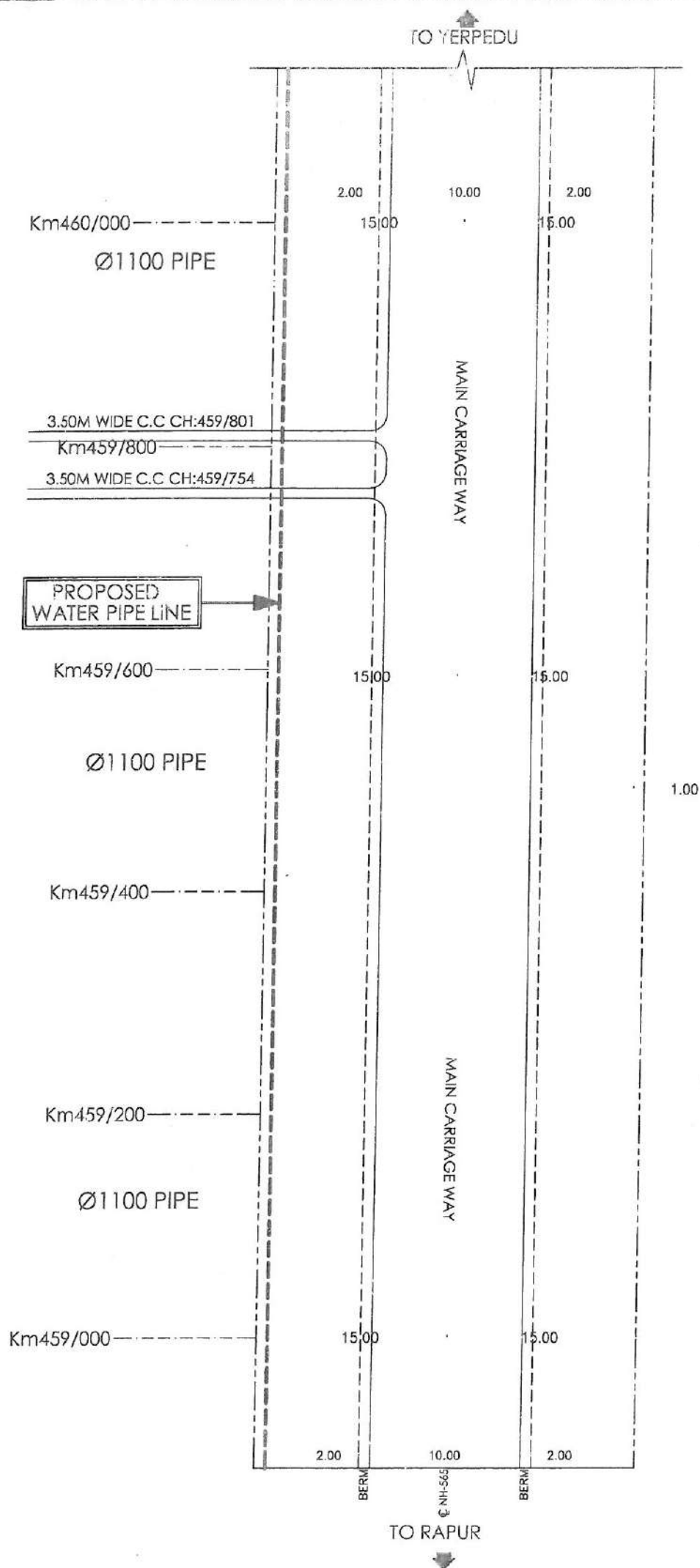
P. Weisell
23/6/2021
Zonal Manager

LEGEND:-
ROAD CROSSING
MAIN CARRIAGEWAY
BERM
CENTER LINE OF ROAD
PROPOSED OFC ROUTE
CULVERT/BRIDGE
MEDIAN OPENING
EXISTING CABLE STONE

SCALE:-
ALONG-1:2500
ACROSS-NTS
ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



P. *Reddy*
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Syl
Project Director
NHAI, PIU, Tirupati

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	==><==
MEDIAN OPENING	==><==
EXISTING CABLE STONE	■

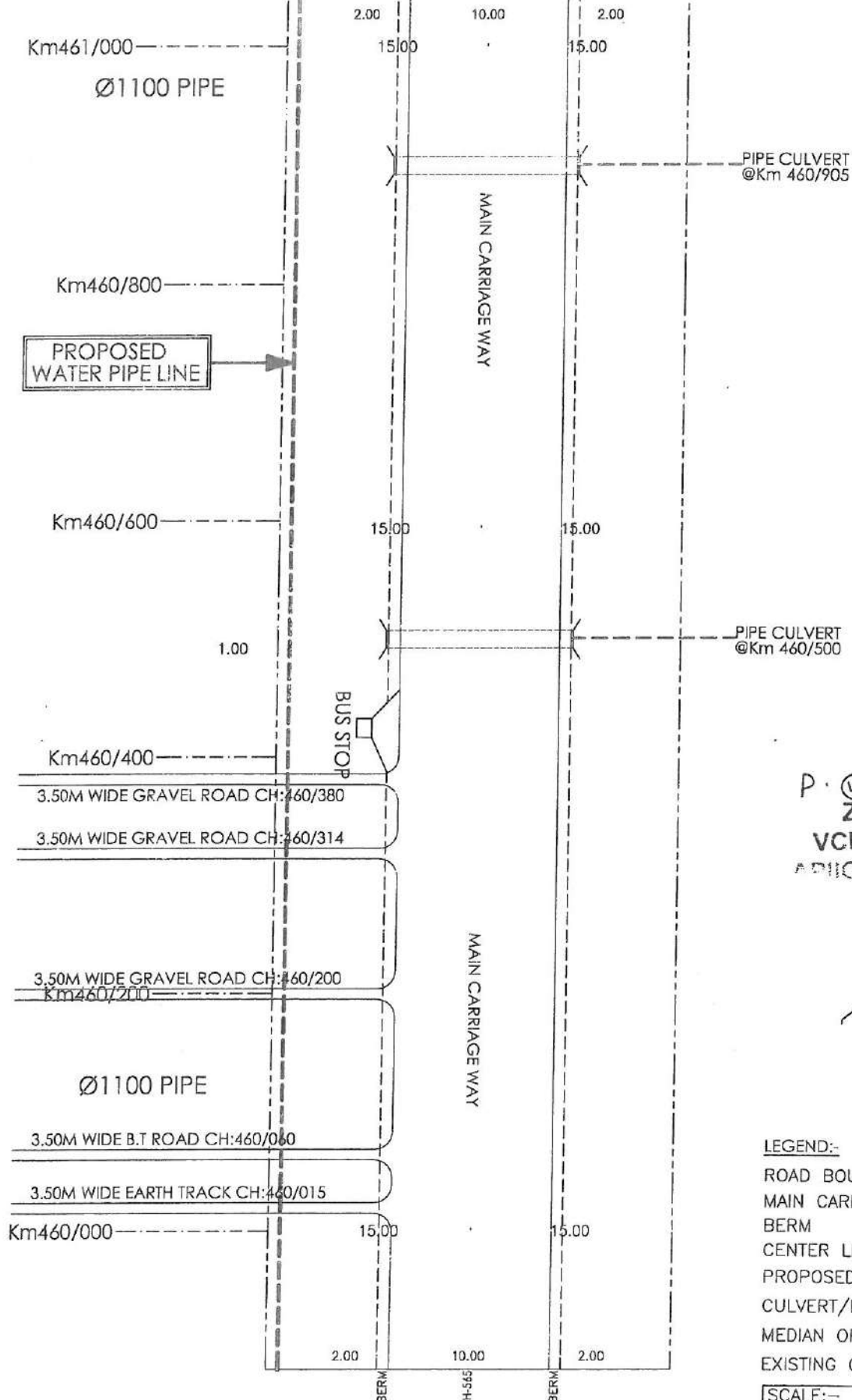
SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



TO YERPEDU



PIPE CULVERT
@ Km 460/905

PIPE CULVERT
@ Km 460/500

BUS STOP

P. @adew
Zonal Manager
VCI C Project Zone
APJIC Ltd : : Naidupeta

[Signature]
Project Director
NHAI, P.U., Tirupati

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	----
BERM	----
CENTER LINE OF ROAD	----
PROPOSED OFC ROUTE	----
CULVERT/BRIDGE	==
MEDIAN OPENING	U U
EXISTING CABLE STONE	□

SCALE:-

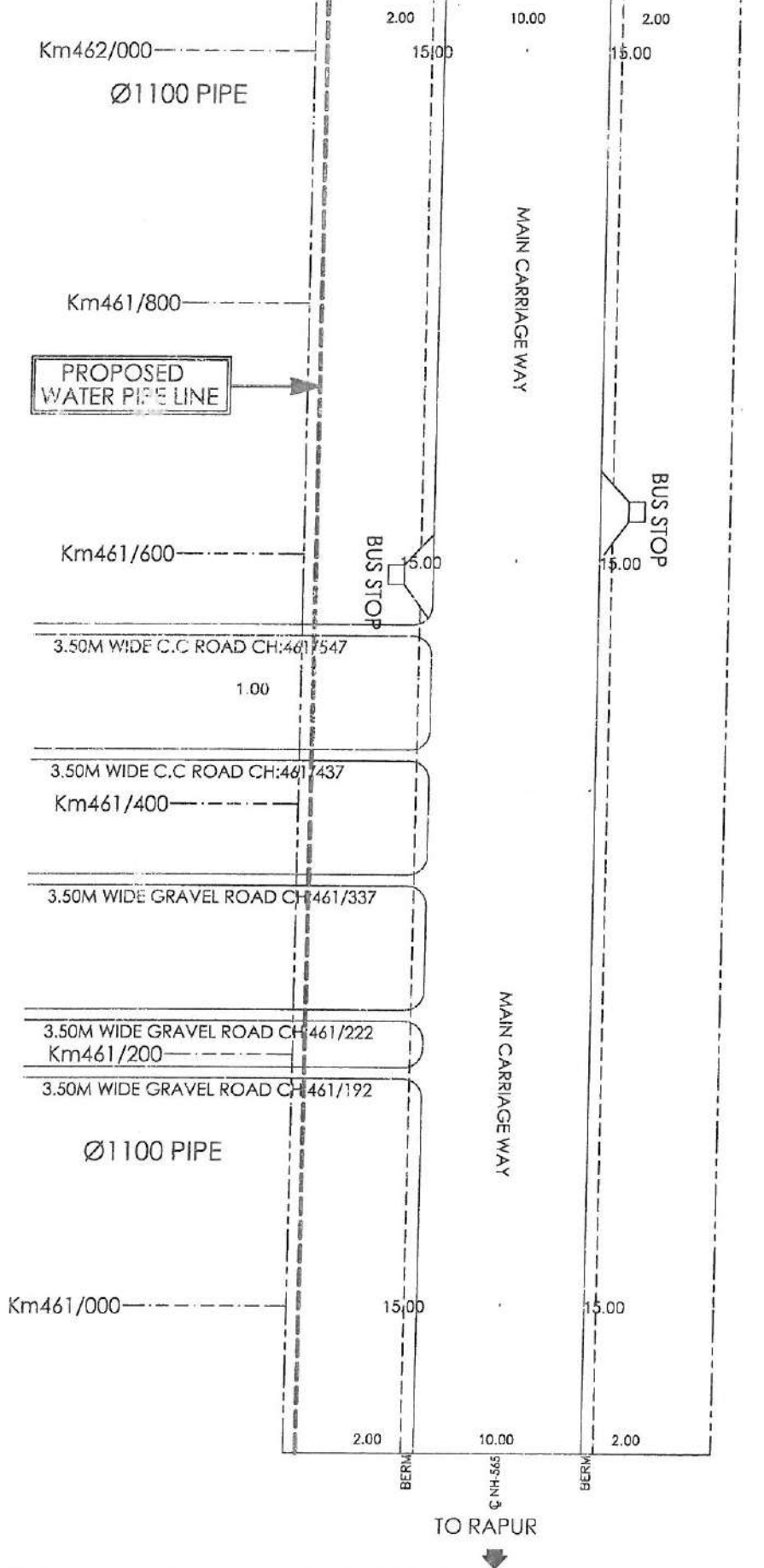
ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

TO RAPUR

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 477/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
[“RAPUR-YERPEDU” SECTION]



P. Reddy
Zonal Manager
VCI C Project Zone
APILC Ltd :: Naidupeta

S. L.
Project Director
NHAI, PIU, Tirupati

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	o

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

TO YERPEDU



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

DAKKILI VILLAGE

MAIN C.C. CARRIAGE WAY

TO ALTERNATE ALIGNMENT

3.50M WIDE B.T CH:462/780

PROPOSED
WATER PIPE LINE

Km462/600

15.00

15.00

Ø1100 PIPE

1.00

Km462/400

SLAB CULVERT
@ Km 462/393

Km462/200

Ø1100 PIPE

MAIN CARRIAGE WAY

Km462/000

15.00

15.00

2.00

10.00

2.00

TO RAPUR

Syl
Project Director
NHAI, PIU, Tirupati

P. Desai
Zonal Manager
VCI C Project Zone
NHAI Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	⌈⌋
MEDIAN OPENING	⌈⌋
EXISTING CABLE STONE	□

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



Km464/000

Ø1100 PIPE

PROPOSED
WATER PIPE LINE

TO YERPEDU

2.00

10.00

2.00

15.00

15.00

MAIN CARRIAGE WAY

Km463/800

FROM ALTERNATE ALIGNMENT

DAKKILI VILLAGE

MAIN C.C. CARRIAGE WAY

DAKKILI VILLAGE

MAIN C.C. CARRIAGE WAY

P. W. S. S. S.
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	-----
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	-----
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	□

SCALE:-
ALONG-1:2500
ACROSS-NTS

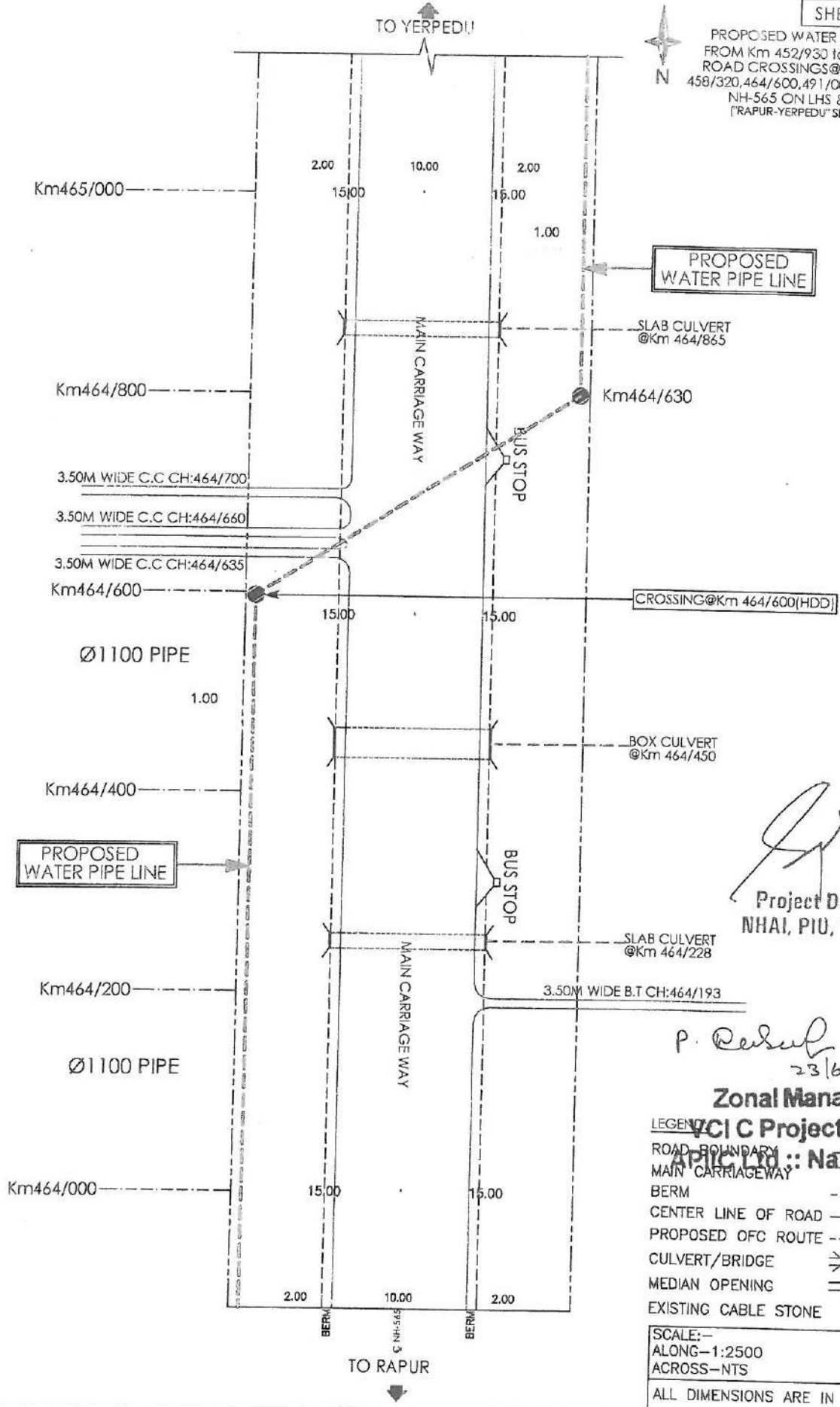
ALL DIMENSIONS ARE IN METERS

TO RAPUR

Project Director
NHAI, PIU, Tirupati

SHEET No : 13

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
[RAPUR-YERPEDU SECTION]



[Signature]
Project Director
NHAI, PIU, Tirupati

[Signature]
23/6/201

Zonal Manager

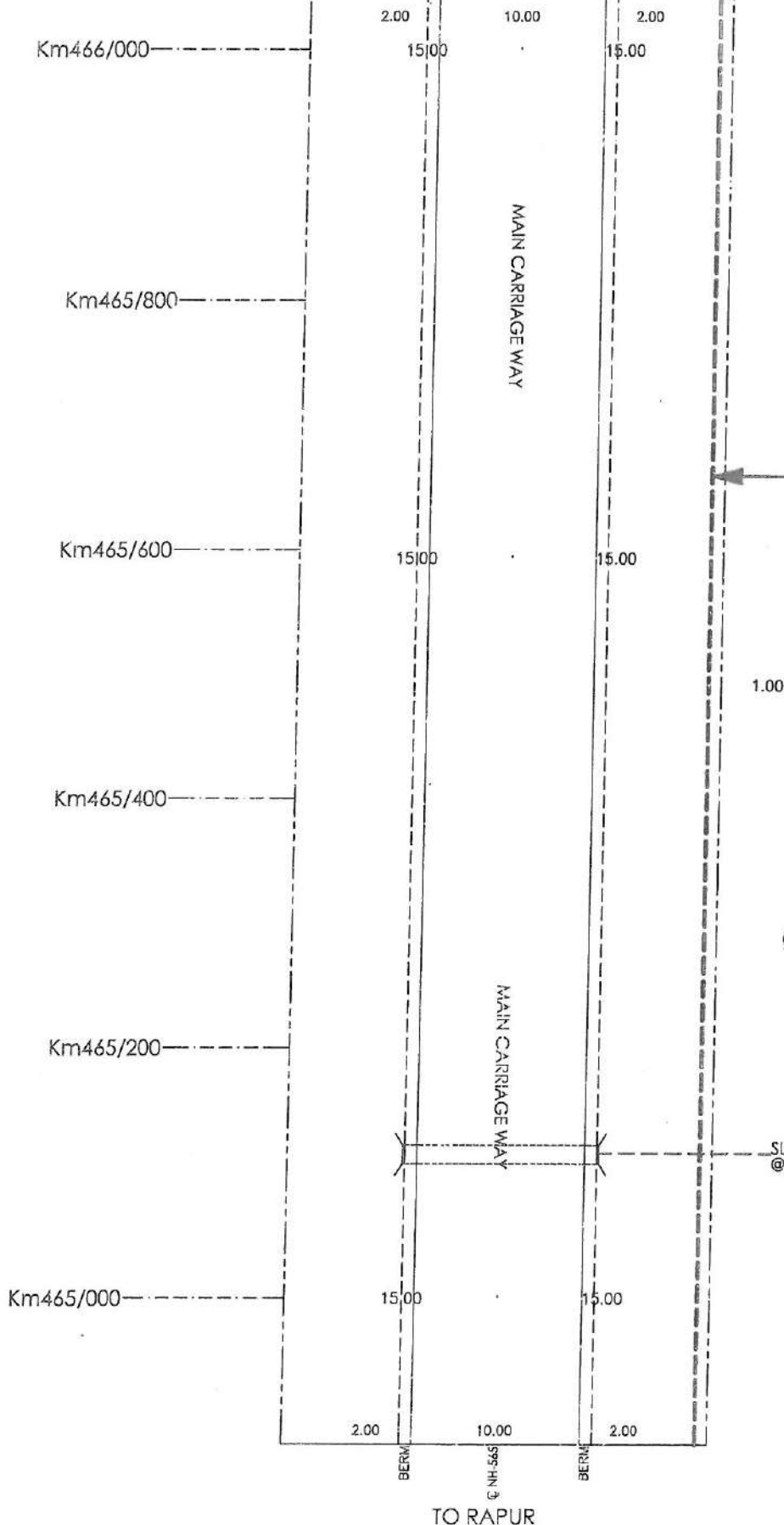
VCIC Project Zone
APIC Ltd :: Naidupeta

- LEGEND
- ROAD BOUNDARY ———
 - MAIN CARRIAGEWAY ———
 - BERM - - - - -
 - CENTER LINE OF ROAD ———
 - PROPOSED OFC ROUTE - - - - -
 - CULVERT/BRIDGE
 - MEDIAN OPENING
 - EXISTING CABLE STONE

SCALE:-
ALONG-1:2500
ACROSS-NTS
ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
('RAPUR-YERPEDU' SECTION)



Ø1100 PIPE

PROPOSED
WATER PIPE LINE

1.00

P. *[Signature]*
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Ø1100 PIPE

[Signature]
Project Director
NHAI, PIO, Tirupati

SLAB CULVERT
@ Km 465/114

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	---
BERM	---
CENTER LINE OF ROAD	---
PROPOSED OFC ROUTE	---
CULVERT/BRIDGE	---
MEDIAN OPENING	---
EXISTING CABLE STONE	□

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

TO YERPEDU

2.00

10.00

2.00

Km467/000

15.00

15.00

PIPE CULVERT
@Km 467/017

Ø1100 PIPE

Km466/800

MAIN CARRIAGEWAY

PIPE CULVERT
@Km 466/759PROPOSED
WATER PIPE LINE

Km466/600

15.00

15.00

PIPE CULVERT
@Km 466/530

1.00

Km466/400

P. Abdul
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Ø1100 PIPE

Km466/200

MAIN CARRIAGEWAY

MAJOR BRIDGE
@Km 466/215

Spl
Project Director
NHAI, PIU, Tirupati

Km466/000

15.00

15.00

2.00

10.00

2.00

BERM

NH-565

BERM

TO RAPUR

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Ø1100 PIPE

PIPE CULVERT
@Km 467/680PROPOSED
WATER PIPE LINE

1.00

3.50M WIDE B.T CH:467/406

PIPE CULVERT
@Km 467/365

Ø1100 PIPE

PIPE CULVERT
@Km 467/267PIPE CULVERT
@Km 467/186

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

TO YERPEDU

Km468/000

2.00

10.00

2.00

15.00

15.00

Km467/800

MAIN CARRIAGE WAY

Km467/600

15.00

15.00

@Km 467/535

BUS STOP

EX.I.O.C.L.R.O
BUS STOP

Km467/400

3.50M WIDE B.T CH:467/340

PIPE CULVERT
@Km 467/365

Ø1100 PIPE

PIPE CULVERT
@Km 467/267

Km467/200

MAIN CARRIAGE WAY

PIPE CULVERT
@Km 467/186

Km467/000

15.00

15.00

PIPE CULVERT
@Km 467/017

2.00

10.00

2.00

BERM

595-H.N. 3

BERM

TO RAPUR

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 471/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



TO YERPEDU

Km469/000

2.00 10.00 2.00
15.00 15.00

Ø1100 PIPE

Km468/800

MAIN CARRIAGE WAY

PIPE CULVERT
@ Km 468/784PROPOSED
WATER PIPE LINE

Km468/600

15.00 15.00

PIPE CULVERT
@ Km 468/500

3.50M WIDE C.C CH:468/465

3.50M WIDE C.C CH:468/432

1.00

Km468/400

3.50M WIDE C.C CH:468/345

3.50M WIDE C.C CH:468/310

Ø1100 PIPE

Km468/200

MAIN CARRIAGE WAY

SLAB CULVERT
@ Km 468/217

Km468/000

15.00 15.00

2.00 10.00 2.00

TO RAPUR

S. L.
Project Director
MHAI, PIU, Tirupur

P. Ramesh
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY	----
MAIN CARRIAGEWAY	----
BERM	----
CENTER LINE OF ROAD	----
PROPOSED OFC ROUTE	----
CULVERT/BRIDGE	====
MEDIAN OPENING	====
EXISTING CABLE STONE	■

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Km470/000

2.00 10.00 2.00
15.00 15.00

SLAB CULVERT
@ Km 469/950

Ø1100 PIPE

Km469/800

MAIN CARRIAGE WAY

3.50M WIDE B.T CH:469/676

3.50M WIDE B.T CH:469/633

Km469/600

10.00 16.00
15.00 15.00

3.50M WIDE B.T CH:469/554

Km469/540

THIMMAYAPALEM VILLAGE

MAIN C.C. CARRIAGE WAY

FROM ALTERNATE ALIGNMENT
TO ALTERNATE ALIGNMENT

Km469/300

Ø1100 PIPE

Km469/200

MAIN CARRIAGE WAY

BOX CULVERT
@ Km 469/169

Km469/000

15.00 15.00

2.00 10.00 2.00

BERM

5.75m IN 3

BERM

TO RAPUR

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

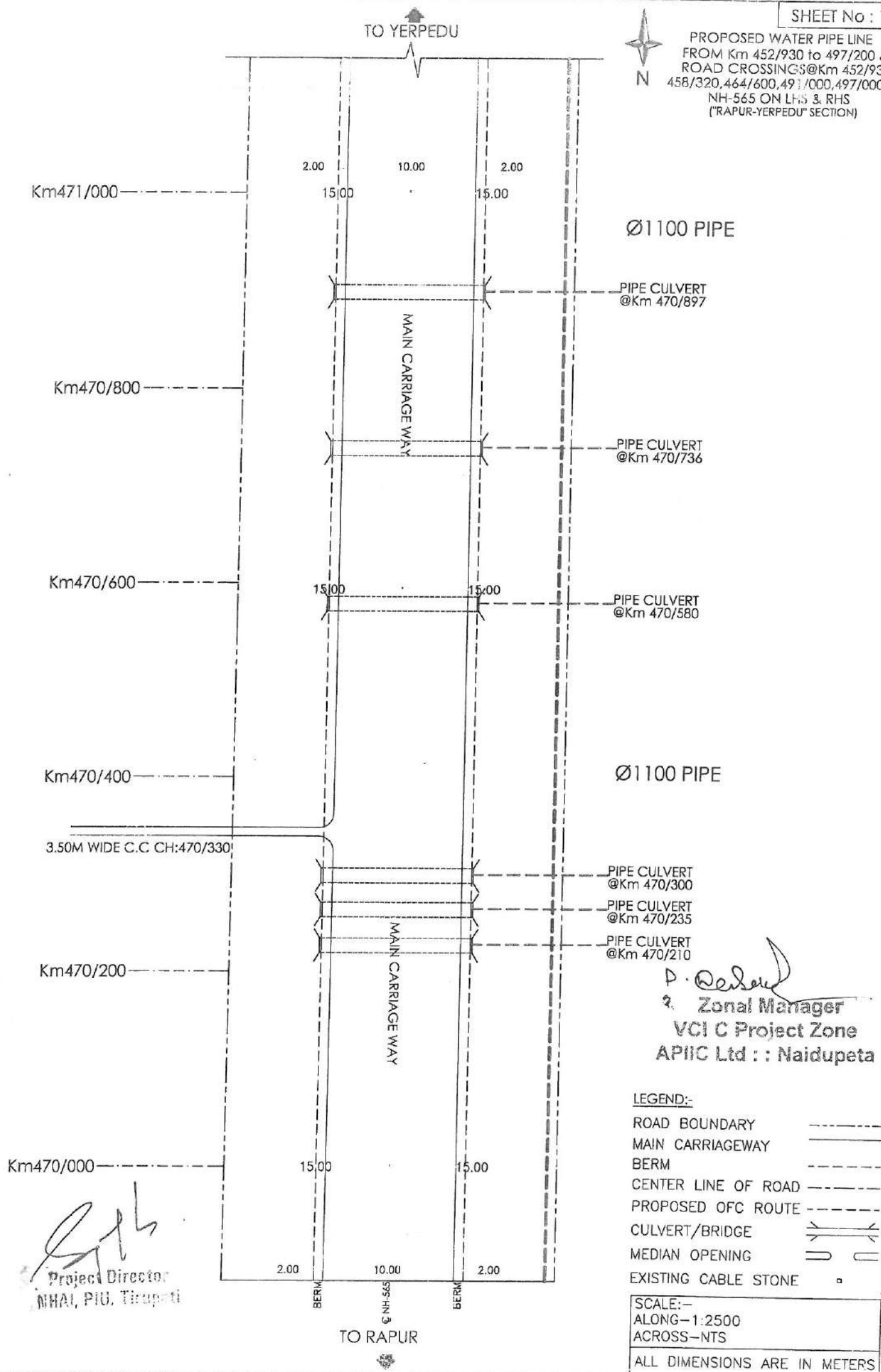
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

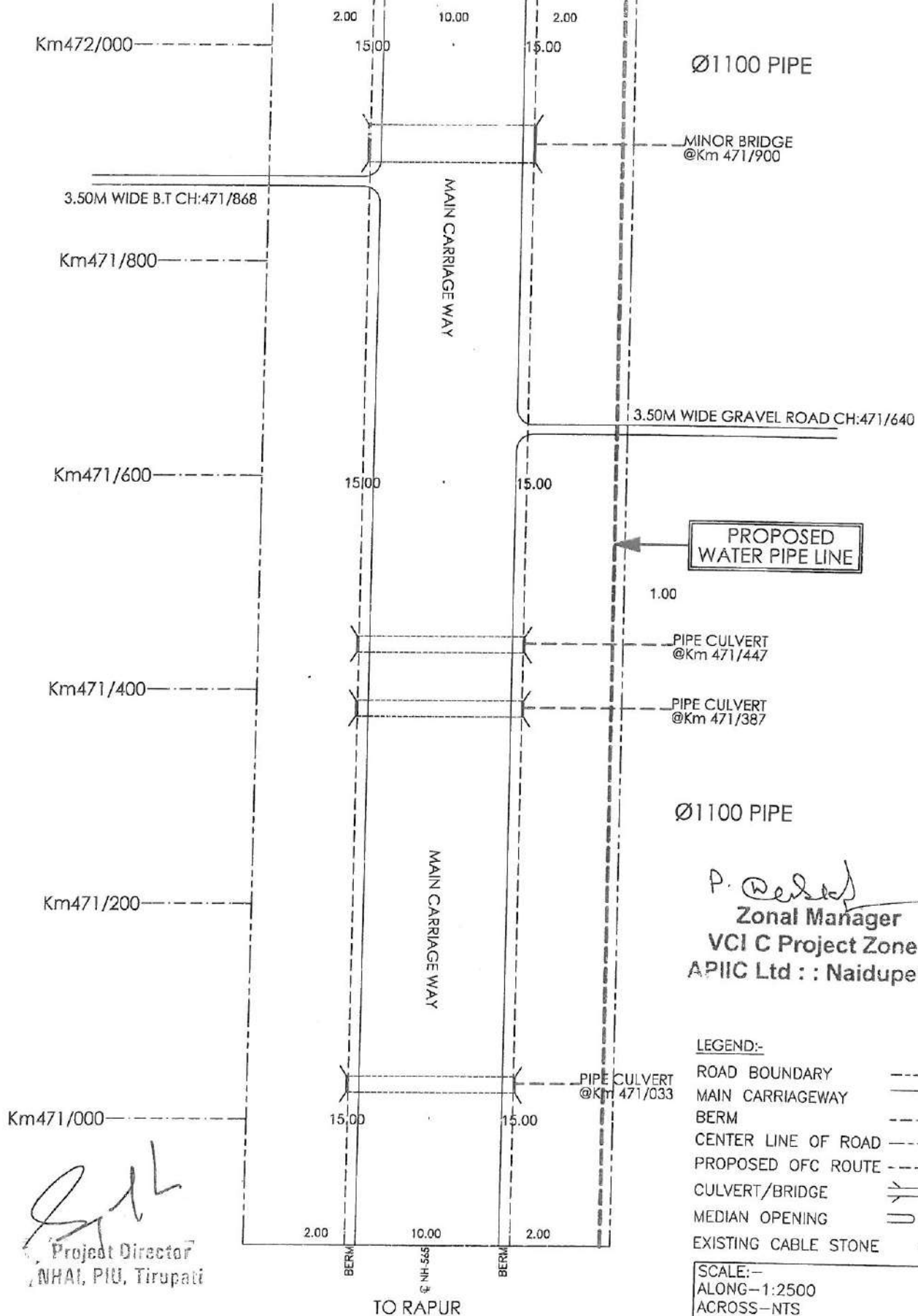
Project Director
NHAI, PIO, Tirupati



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 471/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PROPOSED
WATER PIPE LINE

1.00

PIPE CULVERT
@ Km 471/447

PIPE CULVERT
@ Km 471/387

Ø1100 PIPE

P. *W. S. S.*
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	---
BERM	---
CENTER LINE OF ROAD	---
PROPOSED OFC ROUTE	---
CULVERT/BRIDGE	⌈⌋
MEDIAN OPENING	⌈⌋
EXISTING CABLE STONE	•

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

S. L.
Project Director
NHAI, PIU, Tirupati

TO RAPUR

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



Km473/000

2.00 10.00 2.00
15.00 15.00

Ø1100 PIPE

PIPE CULVERT
@ Km 472/914

Km472/800

PIPE CULVERT
@ Km 472/829

3.50M WIDE B.T CH:472/661

PIPE CULVERT
@ Km 472/731

3.50M WIDE C.C CH:472/686

3.50M WIDE B.T CH:472/650

Km472/600

15.00 15.00

PIPE CULVERT
@ Km 472/602

PROPOSED
WATER PIPE LINE

1.00

PIPE CULVERT
@ Km 472/457

Km472/400

MAIN CARRIAGE WAY
10.00
15.00

3.50M WIDE C.C CH:472/340

Km472/270

Vaddipalle Village

MAIN C.C. CARRIAGE WAY

FROM ALTERNATE ALIGNMENT
TO ALTERNATE ALIGNMENT

Ø1100 PIPE

Km472/120

Km472/000

15.00 15.00

2.00 10.00 2.00

BERM

NH-565

BERM

TO RAPUR

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

Project Director
NHAI, P.U., Tirupati

TO YERPEDU

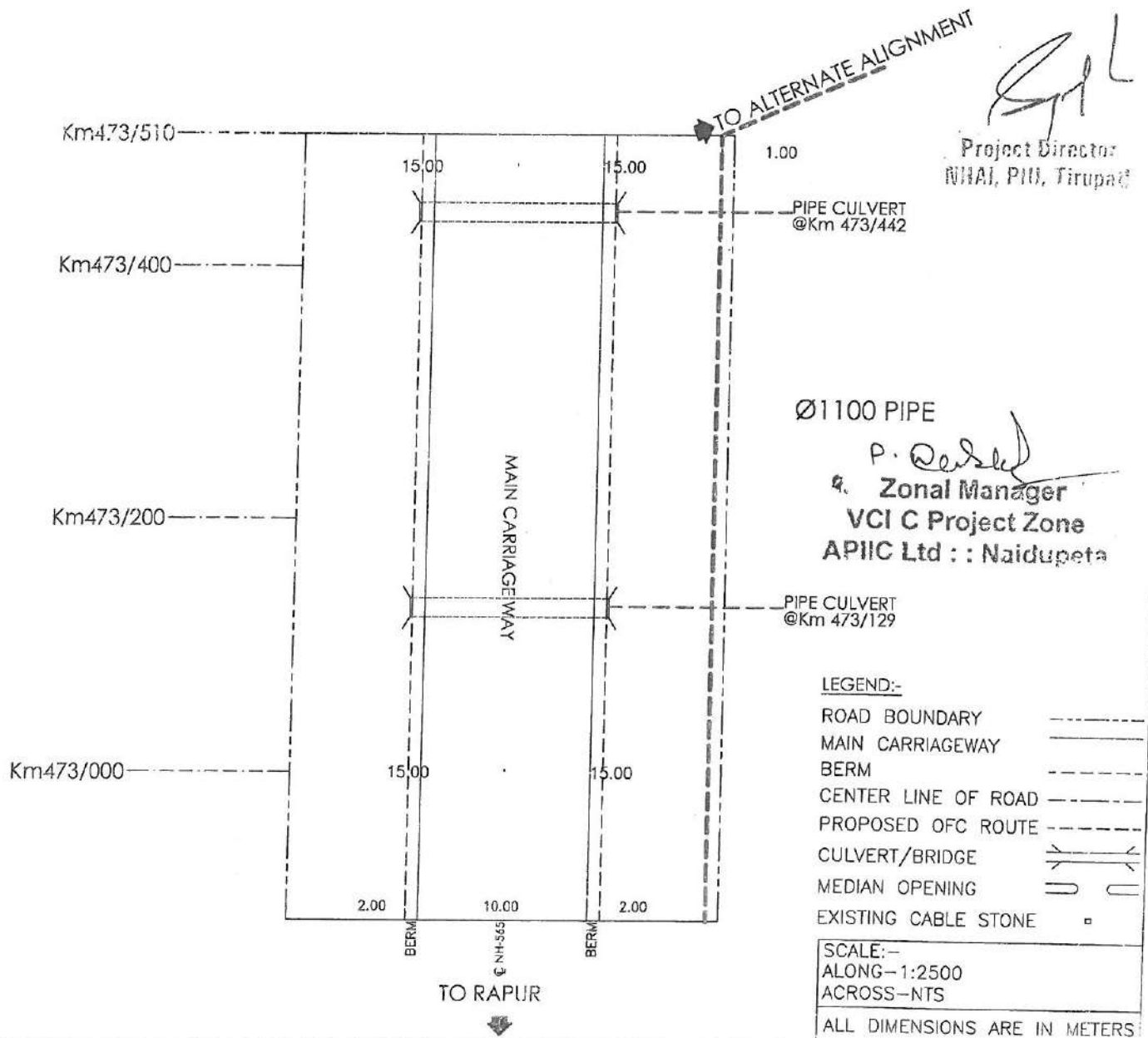


SHEET No : 22

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

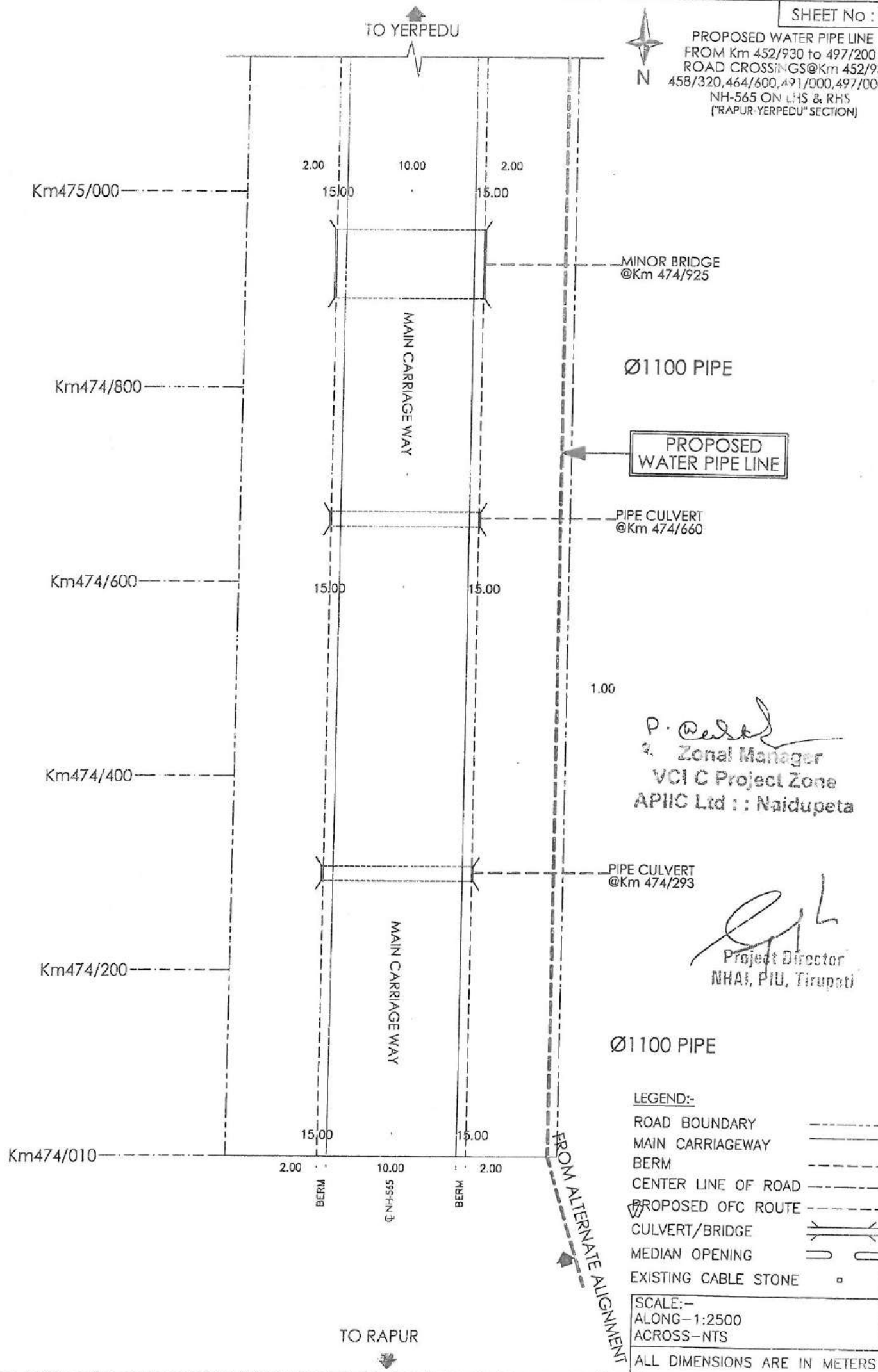
Nagolu Village

MAIN C.C. CARRIAGE WAY



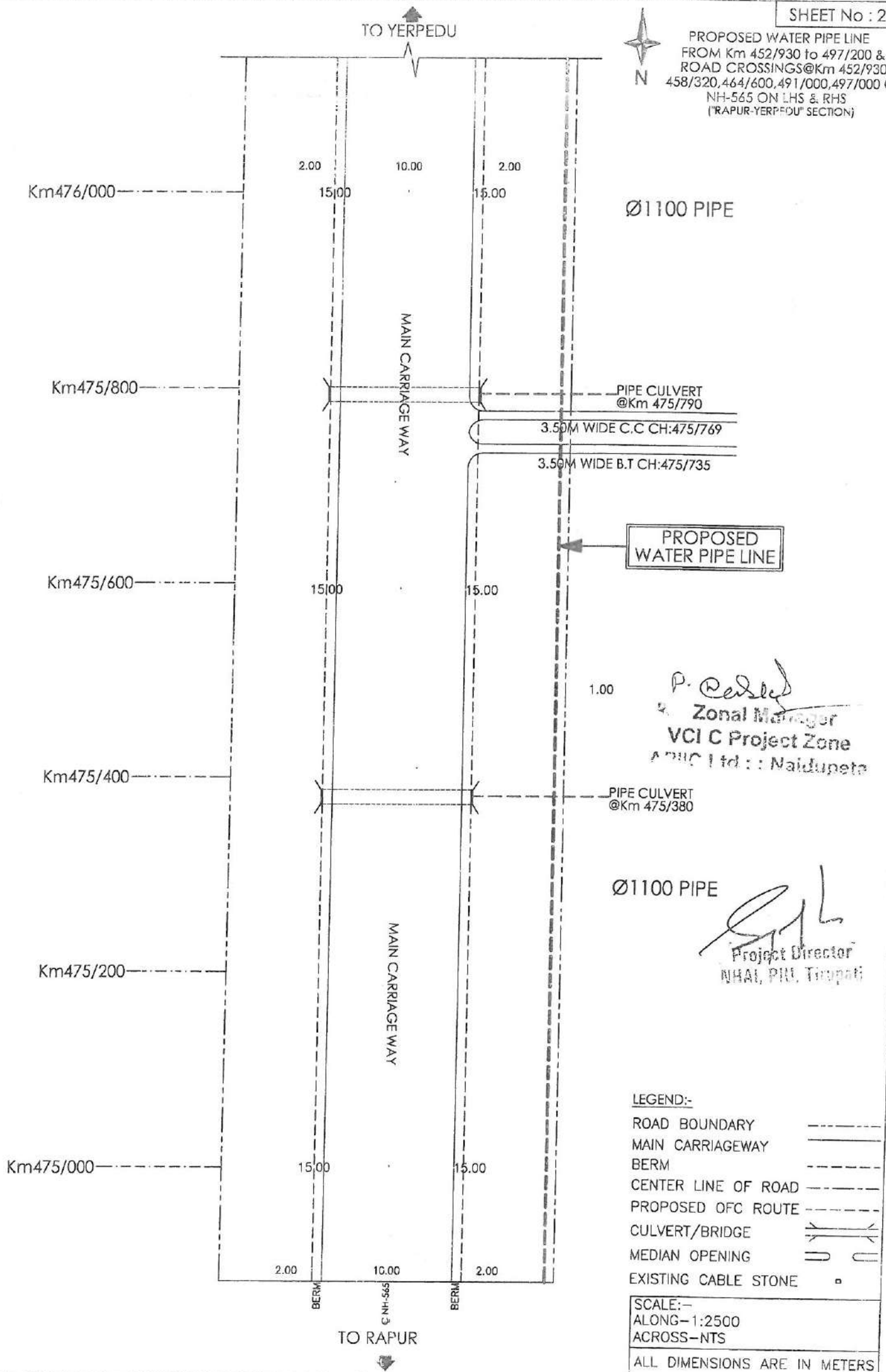


PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 471/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)





PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)





PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPеду" SECTION)

TO YERPеду

Km477/000

2.00 10.00 2.00
15.00 15.00

3.50M WIDE B.T CH:476/950

Ø1100 PIPE

SLAB CULVERT
@ Km 476/838

Km476/800

MAIN CARRIAGE WAY

PROPOSED
WATER PIPE LINE

Km476/600

15.00 15.00

1.00

Km476/400

P. Ramesh

Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Km476/200

MAIN CARRIAGE WAY

Project Director
Ø1100 PIPE
MIAL, PIU, Tirupati

Km476/000

15.00 15.00

2.00 10.00 2.00

BERM

BERM

TO RAPUR

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	---
BERM	---
CENTER LINE OF ROAD	---
PROPOSED OFC ROUTE	---
CULVERT/BRIDGE	⌈⌋
MEDIAN OPENING	⌈⌋
EXISTING CABLE STONE	□

SCALE:-

ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

TO YERPEDU

Km478/000

2.00

10.00

2.00

15.00

15.00

SLAB CULVERT
@Km 477/990

Ø1100 PIPE

Km477/800

MAIN CARRIAGE WAY

TELUGU GANGA CANAL
@Km 477/750

3.50M WIDE B.T CH:477/708

3.50M WIDE B.T CH:477/708

Km477/600

15.00

15.00

PROPOSED
WATER PIPE LINE

1.00

Km477/400

P. Peres
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Ø1100 PIPE

Km477/200

MAIN CARRIAGE WAY

Syl
Project Director
NHAI, PIU, Tirupati

Km477/000

15.00

15.00

2.00

10.00

2.00

BERM

575-HN-3

BERM

TO RAPUR

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

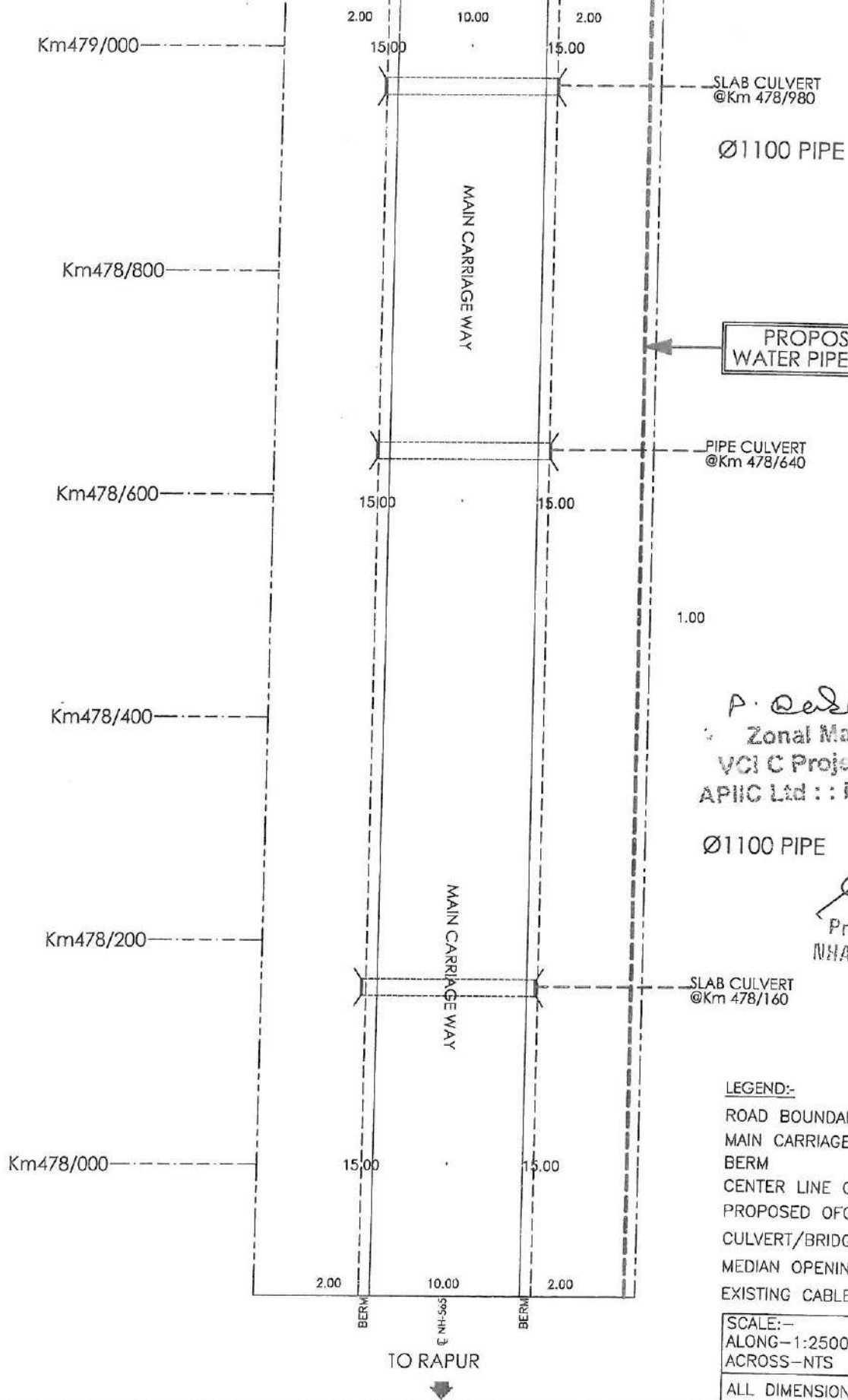
SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

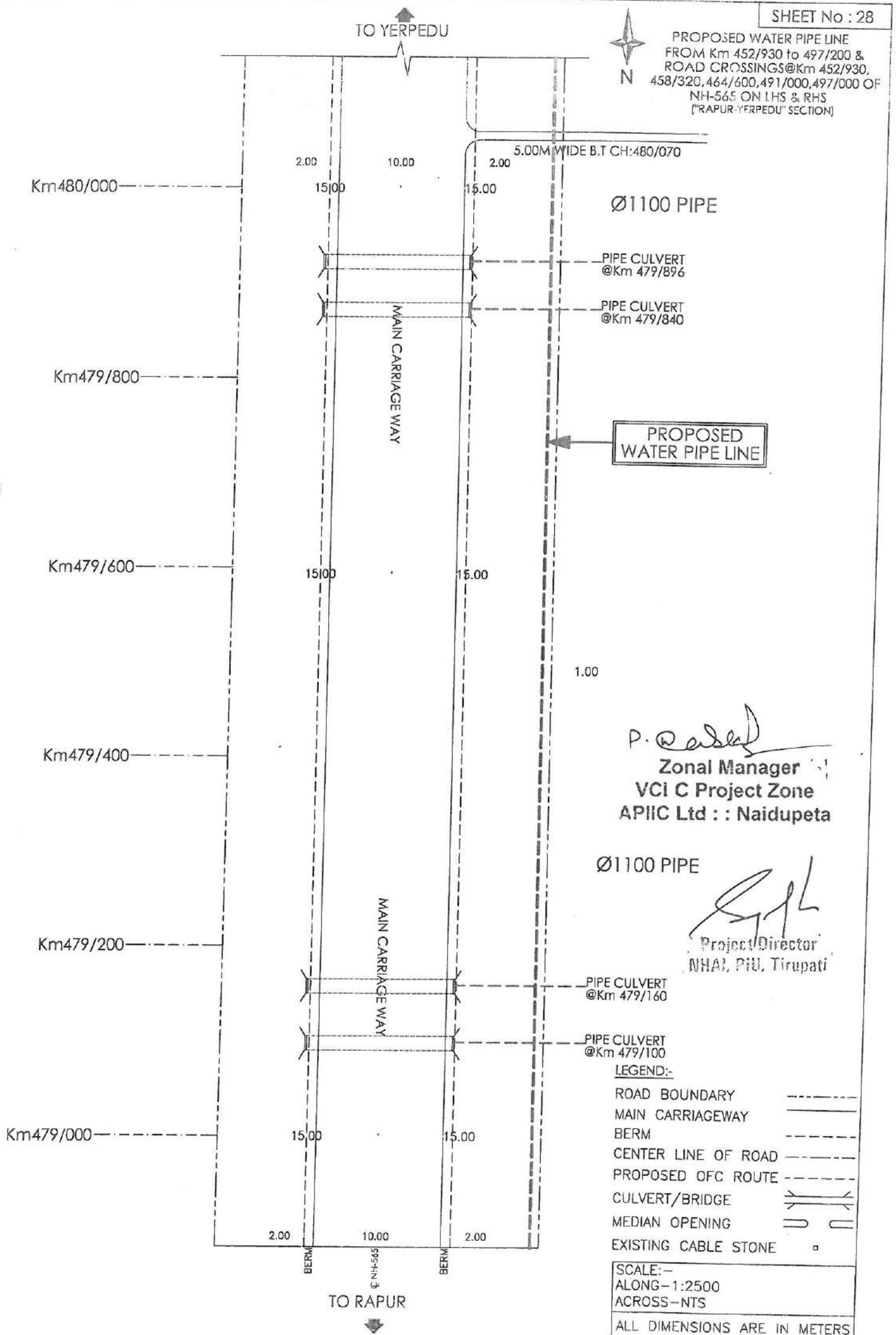


P. Q. S. S. S.
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Ø1100 PIPE

Project Director
NHAI, PIU, Tirupati

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



P. Reddy
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

S. L.
Project Director
NHAI, PIU, Tirupati

TO YERPEDU

SHEET No : 29

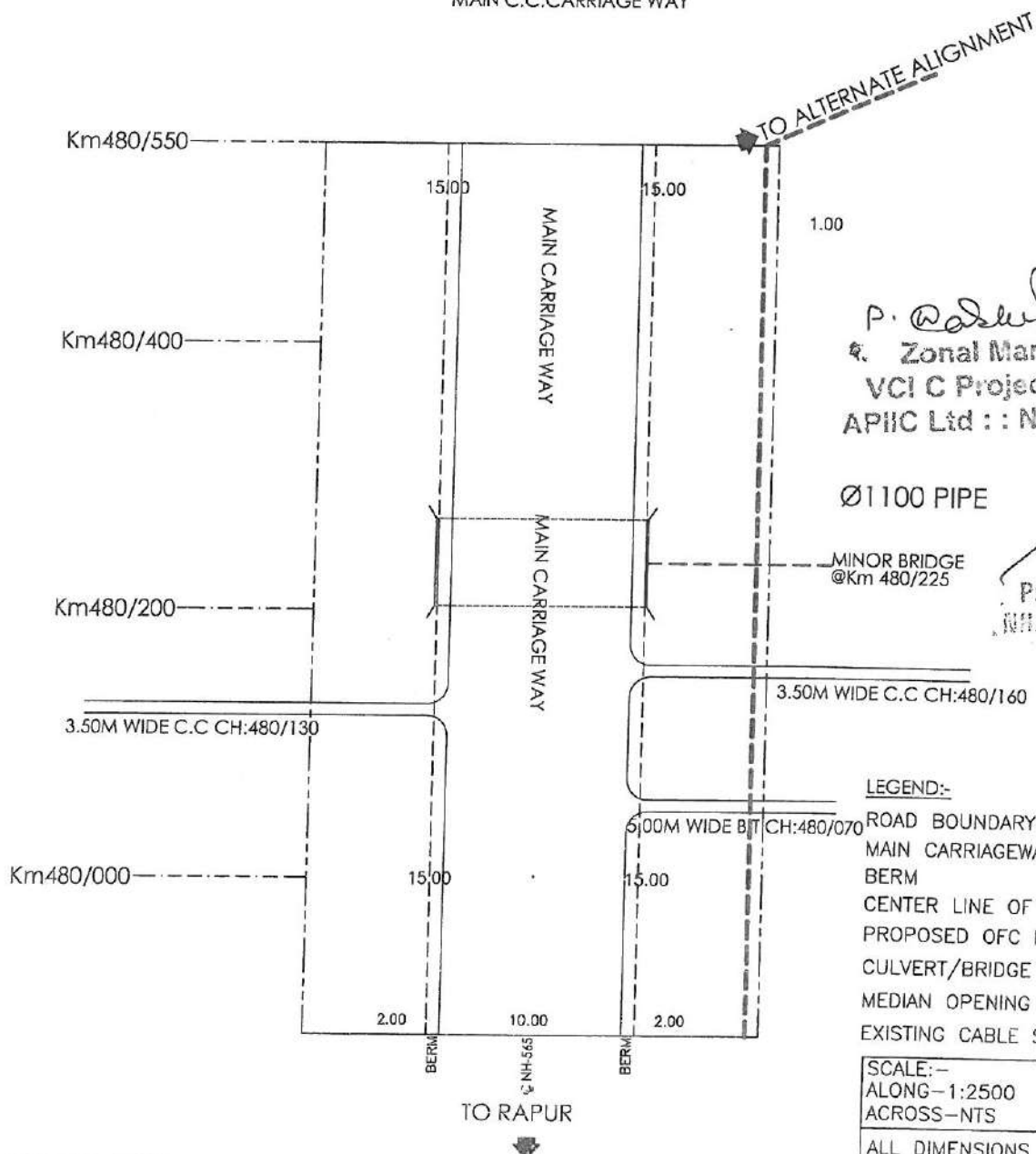


PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSING @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

MAIN C.C. CARRIAGE WAY

VENKATAGIRI Town

MAIN C.C. CARRIAGE WAY



P. R. Reddy
Zonal Manager
VCI C Project Zone
APLIC Ltd : : Naidupeta

Ø1100 PIPE

Syl
Project Director
NHAI, PIO, Tirupati

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	---
BERM	---
CENTER LINE OF ROAD	---
PROPOSED OFC ROUTE	---
CULVERT/BRIDGE	==><==
MEDIAN OPENING	==><==
EXISTING CABLE STONE	□

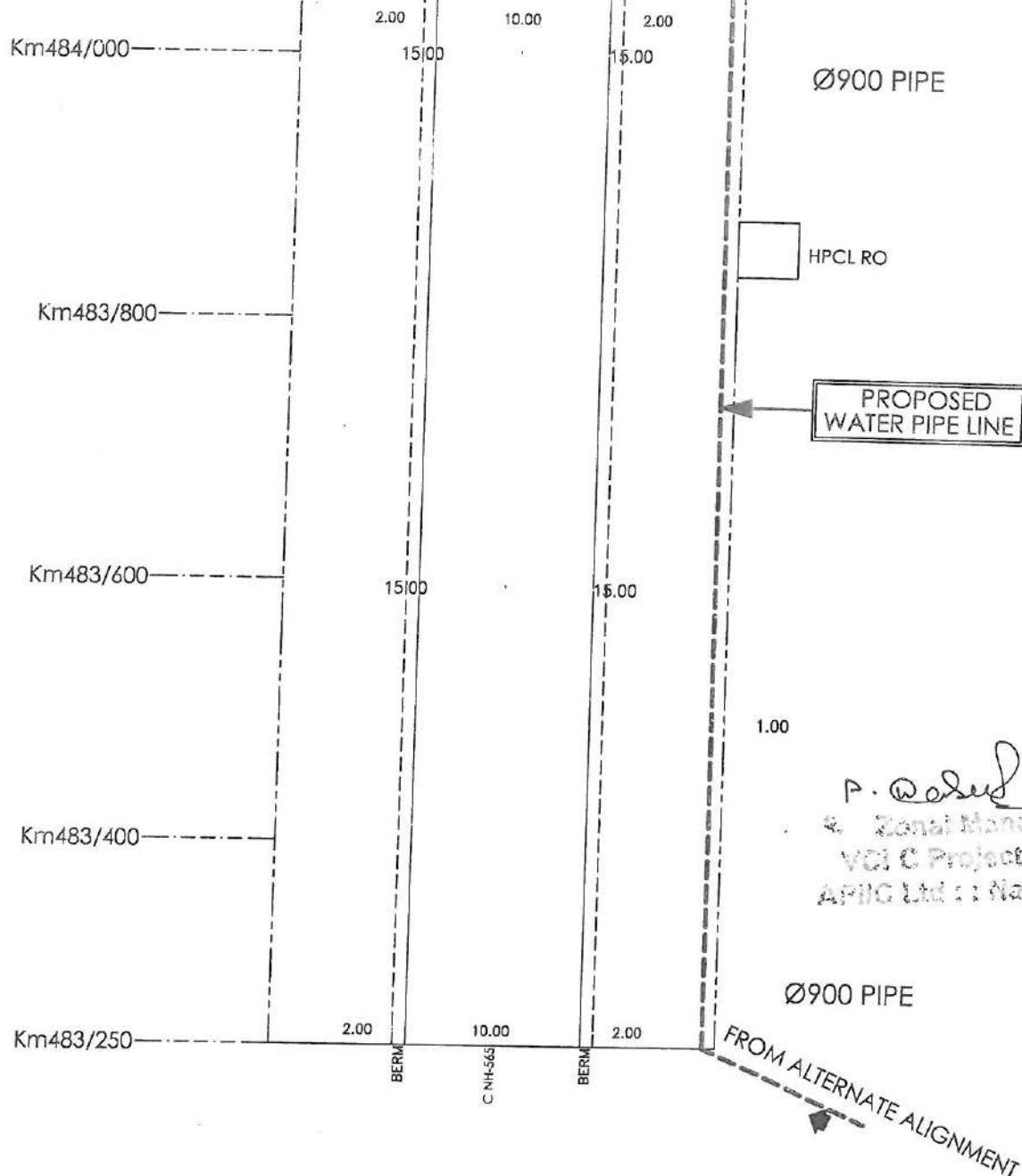
SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 461/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	=====
BERM	- - - - -
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	- - - - -
CULVERT/BRIDGE	==><==
MEDIAN OPENING	=><=
EXISTING CABLE STONE	□

SCALE:-

ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

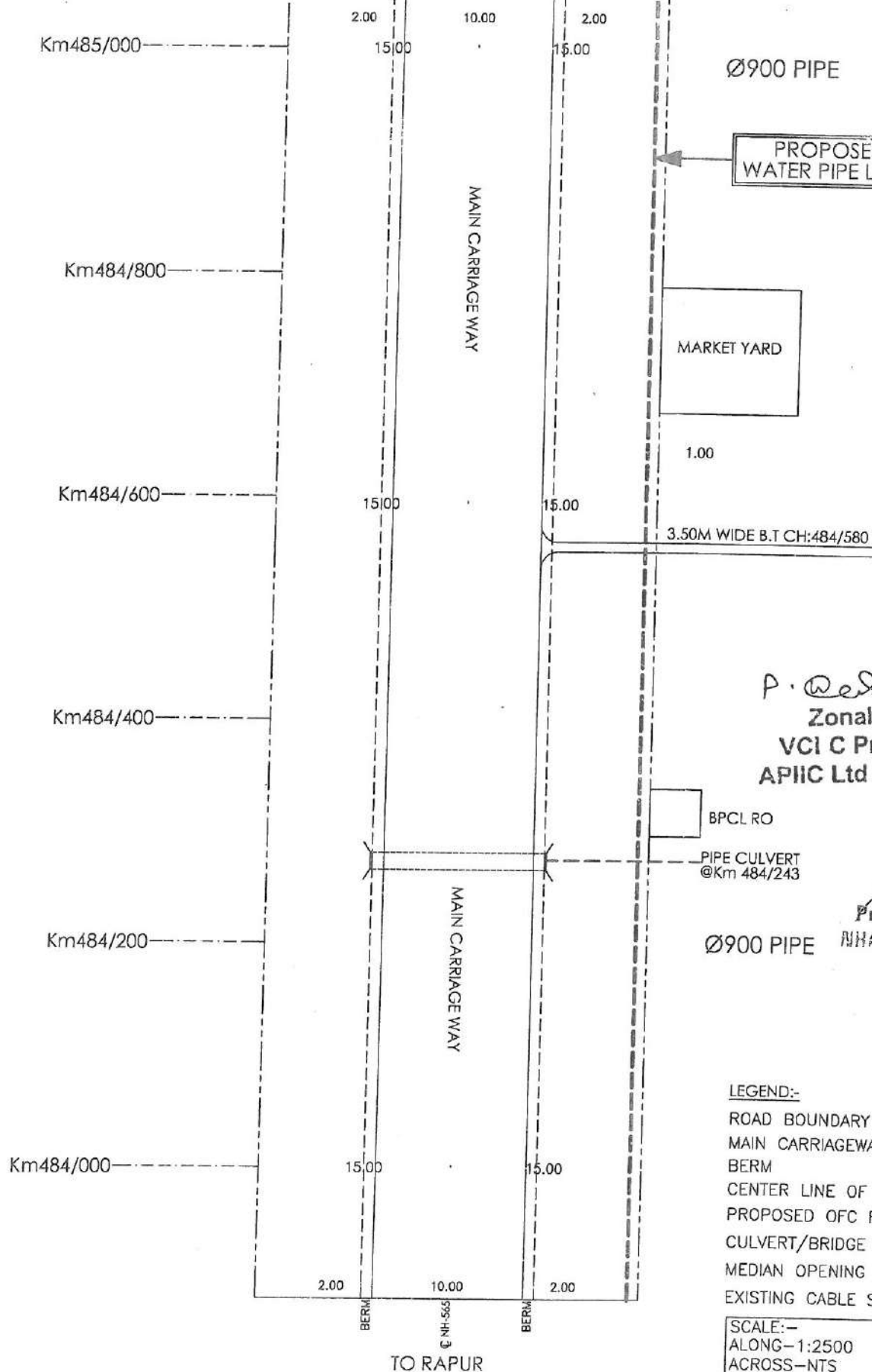
[Signature]
Project Director
NHAI, PIO, Tirupati

TO RAPUR

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 484/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



TO YERPEDU



P. Reddy
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

Project Director
NHAI, PIO, Tirupati

LEGEND:-

ROAD BOUNDARY	---
MAIN CARRIAGEWAY	---
BERM	---
CENTER LINE OF ROAD	---
PROPOSED OFC ROUTE	---
CULVERT/BRIDGE	---
MEDIAN OPENING	---
EXISTING CABLE STONE	o

SCALE:-

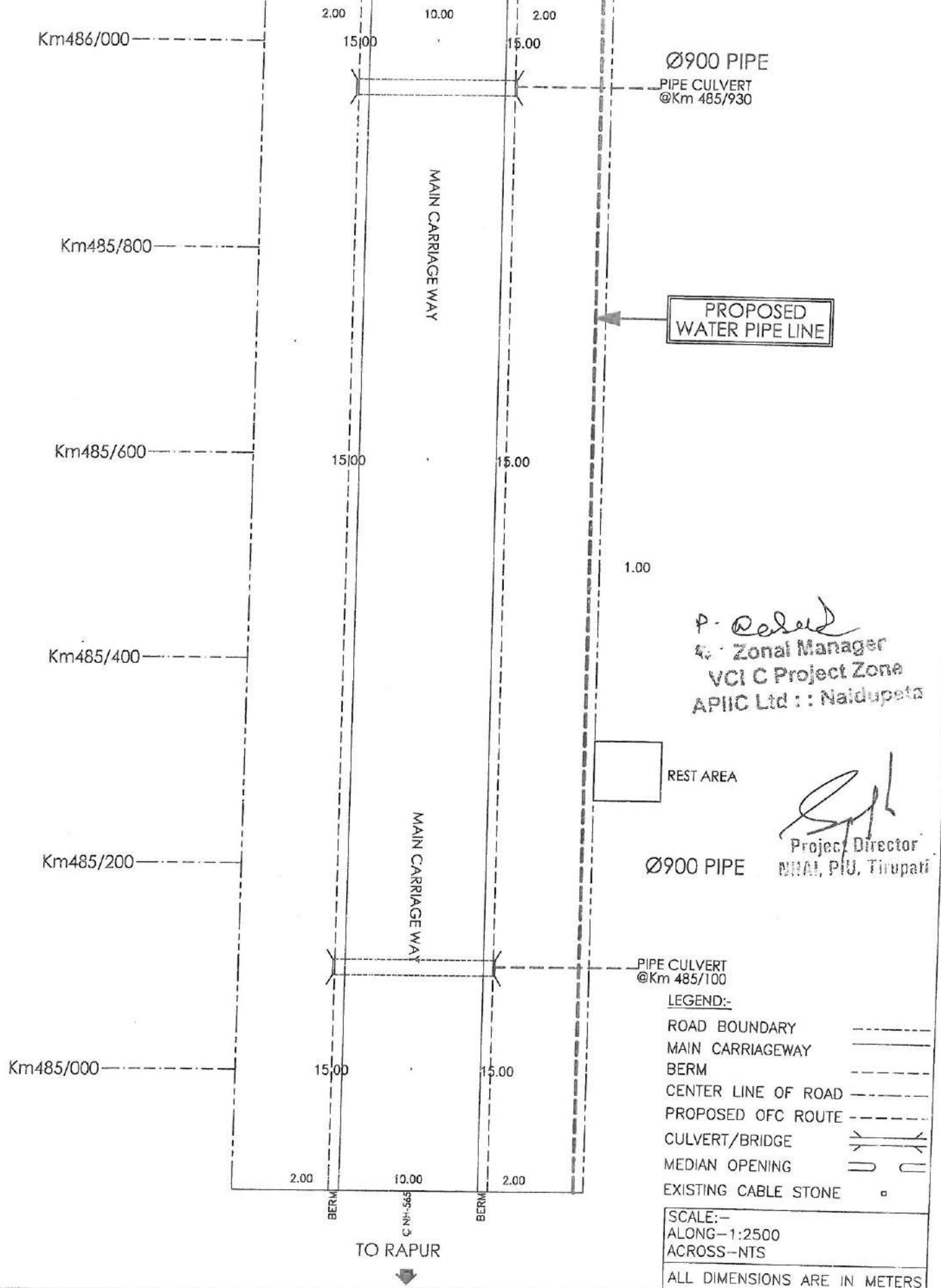
ALONG-1:2500

ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

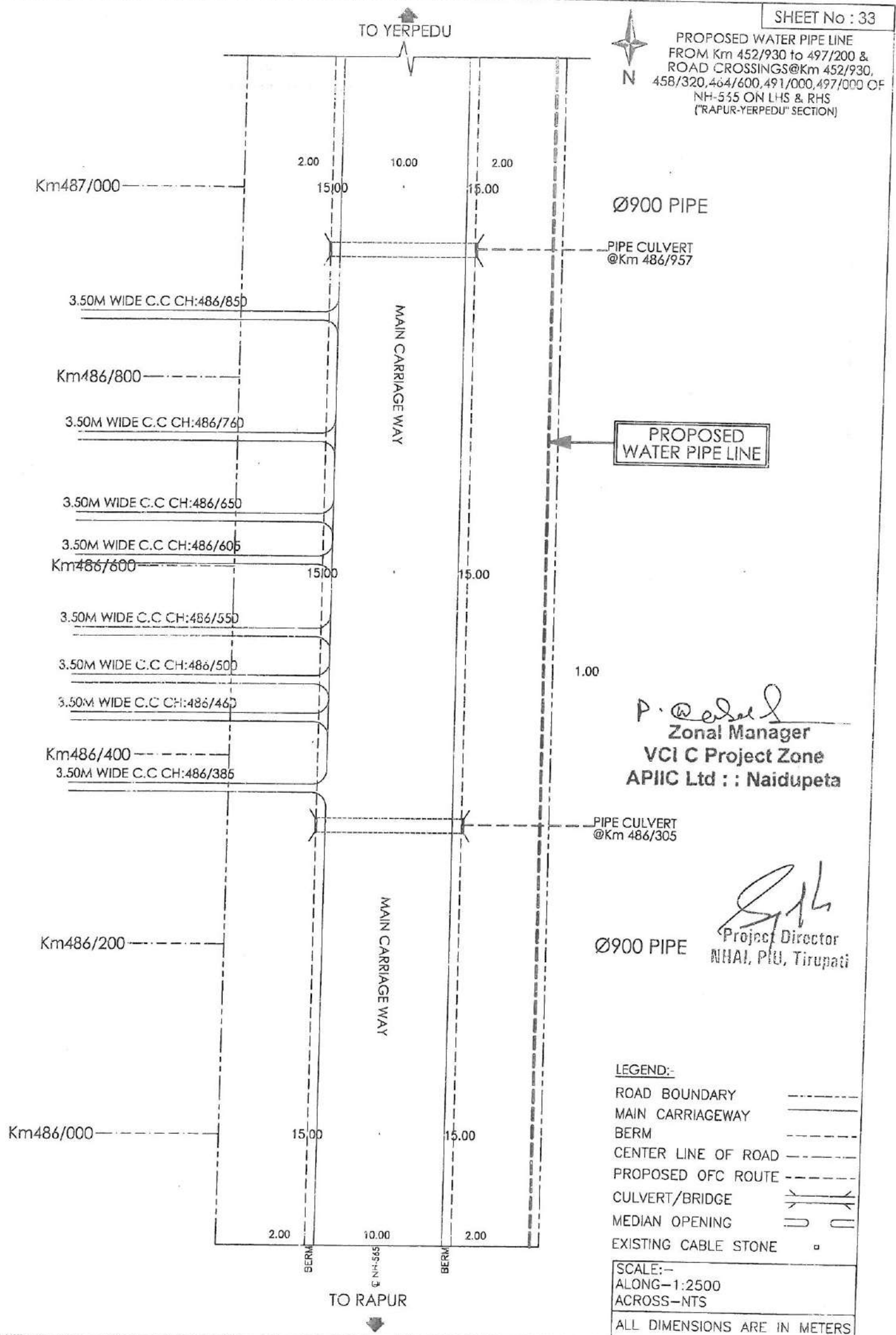


PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



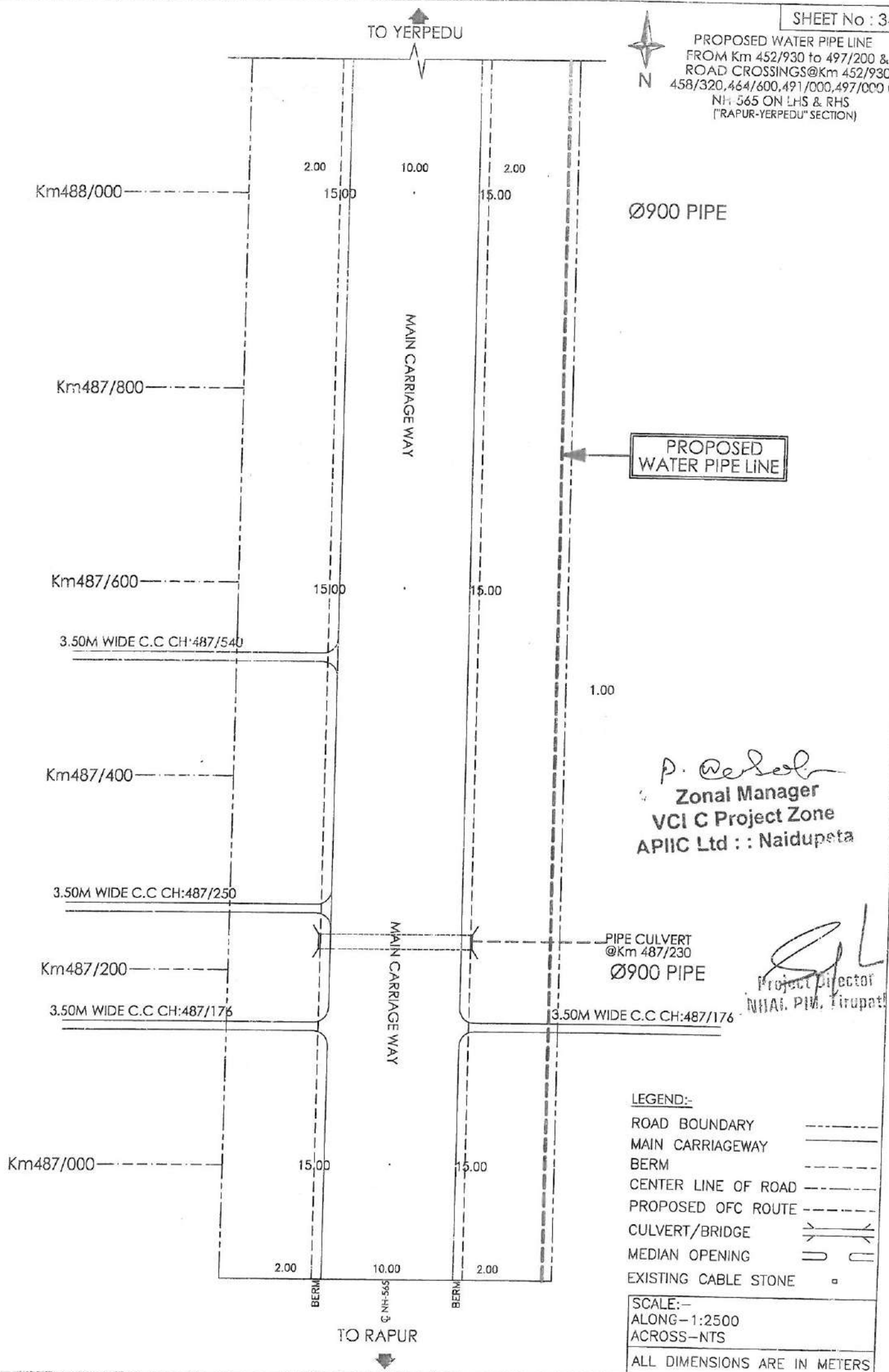


PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-555 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

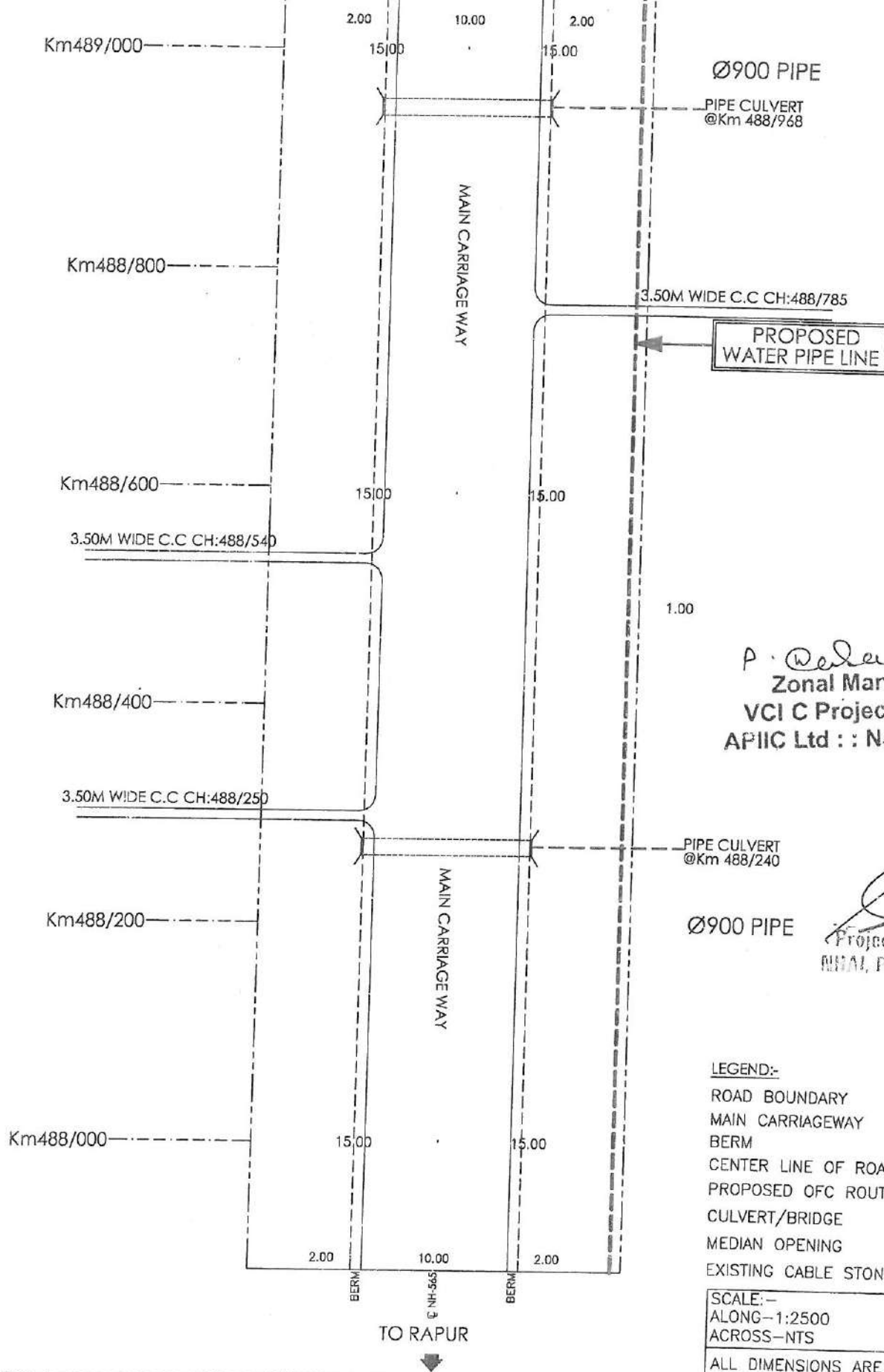




PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



P. Vedula
Zonal Manager
VCI C Project Zone
APIIC Ltd : Naidupeta

S. L.
Project Director
NHAI, P.O., Tirupati



Ø900 PIPE

PIPE CULVERT
@Km 489/783

13.50M WIDE B.T CH:489/725

PROPOSED
WATER PIPE LINE

1.00

PIPE CULVERT
@Km 489/375

P. W. S. K.

Zonal Manager
VCI C Project Zone
APIIC Ltd :: Naidupeta

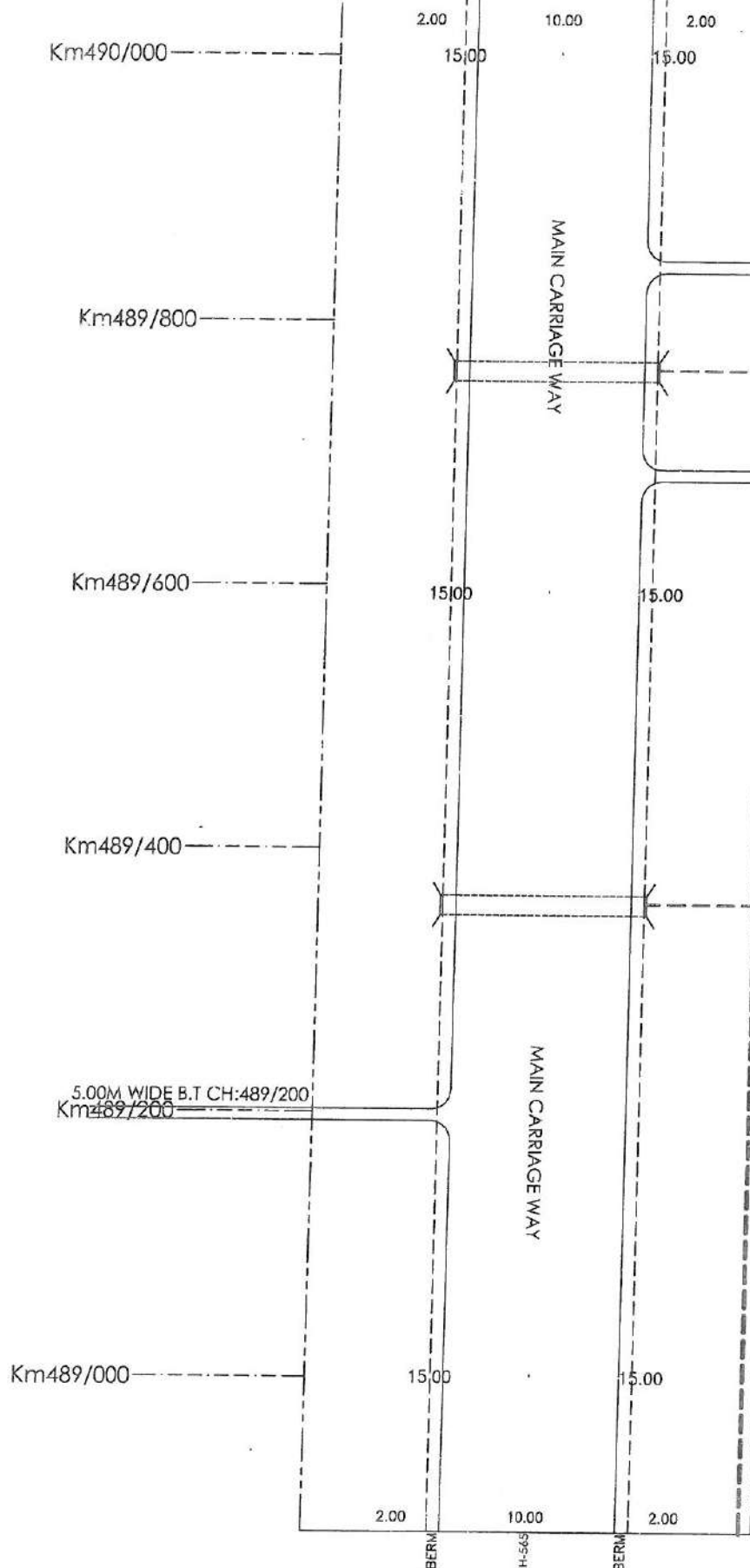
Ø900 PIPE


Project Director
NHAI, PIO, Tirupati

ROAD BOUNDARY
MAIN CARRIAGEWAY
BERM
CENTER LINE OF ROAD
PROPOSED OFC ROUTE
CULVERT/BRIDGE
MEDIAN OPENING
EXISTING CABLE STONE

SCALE:-
ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Ø800 PIPE

CROSSING@Km 491/000(HDD)

Ø900 PIPE

PROPOSED
WATER PIPE LINEPIPE CULVERT
@Km 490/672

1.00

P. *Reddy*
Zonal Manager
VCI C Project Zone
APJIC Ltd : : Naidupeta

Syl
Project Director
NHAI, POU, Tirupati

LEGEND:-

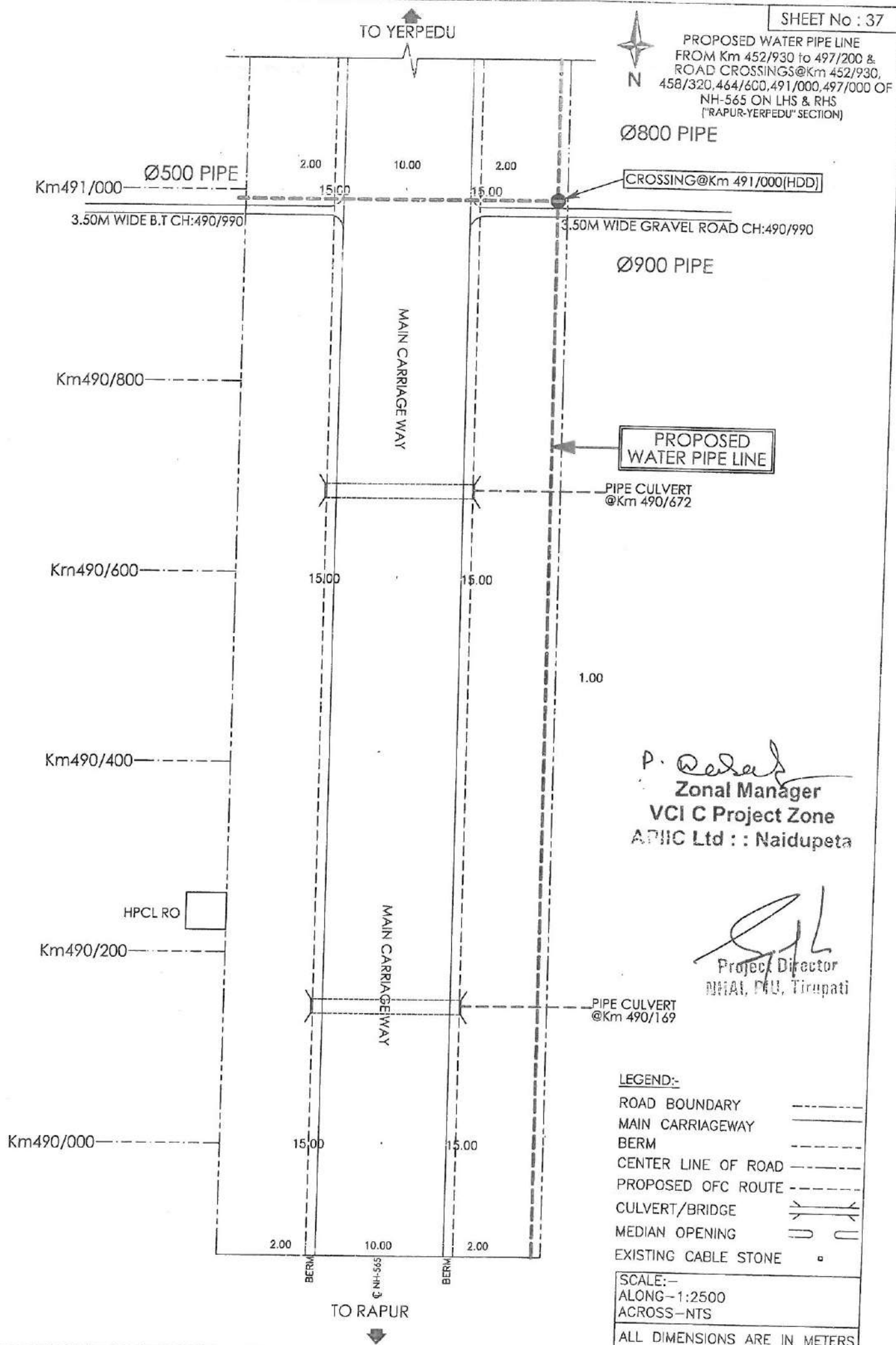
ROAD BOUNDARY	----
MAIN CARRIAGEWAY	=====
BERM	- - - - -
CENTER LINE OF ROAD	-----
PROPOSED OFC ROUTE	- - - - -
CULVERT/BRIDGE	=====
MEDIAN OPENING	=====
EXISTING CABLE STONE	•

SCALE:-

ALONG-1:2500

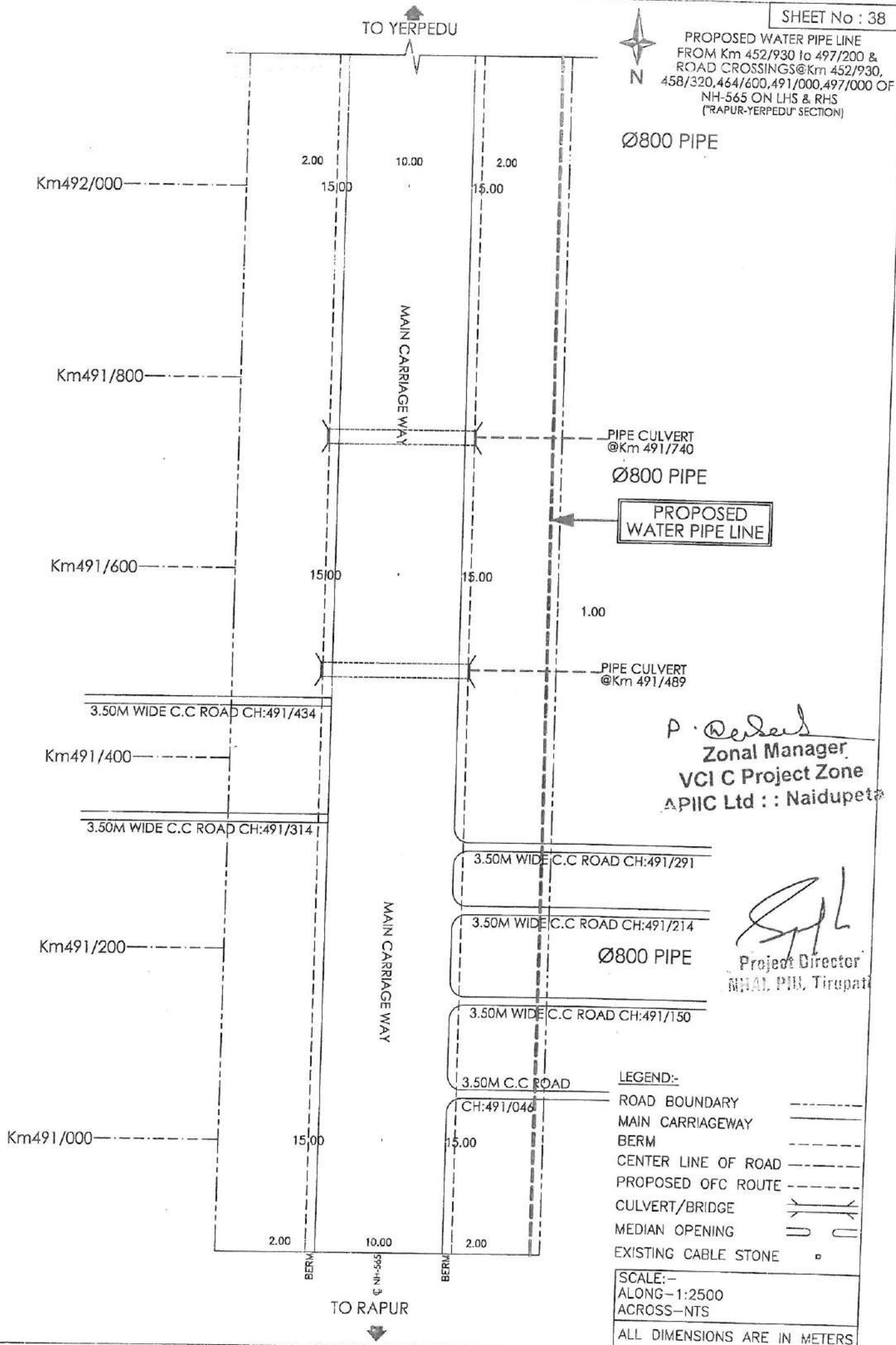
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)

Ø800 PIPE



TO YERPEDU



Ø800 PIPE

Km493/000

2.00 10.00 2.00
15.00 15.00MINOR BRIDGE
@Km 492/930

Km492/800

MAIN CARRIAGE WAY

PROPOSED
WATER PIPE LINEPIPE CULVERT
@Km 492/630

Km492/600

15.00 15.00

1.00

Ø800 PIPE

P. Perla
Zonal Manager

VCI C Project Zone

APILC Ltd : : Naidupeta

Km492/400

PIPE CULVERT
@Km 492/376PIPE CULVERT
@Km 492/300PIPE CULVERT
@Km 492/261Project Director
NHAI, PIO, Tirupati

Km492/200

MAIN CARRIAGE WAY

3.50M WIDE B.T CH:492/151

Ø800 PIPE

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

Km492/000

15.00 15.00

2.00 10.00 2.00

TO RAPUR

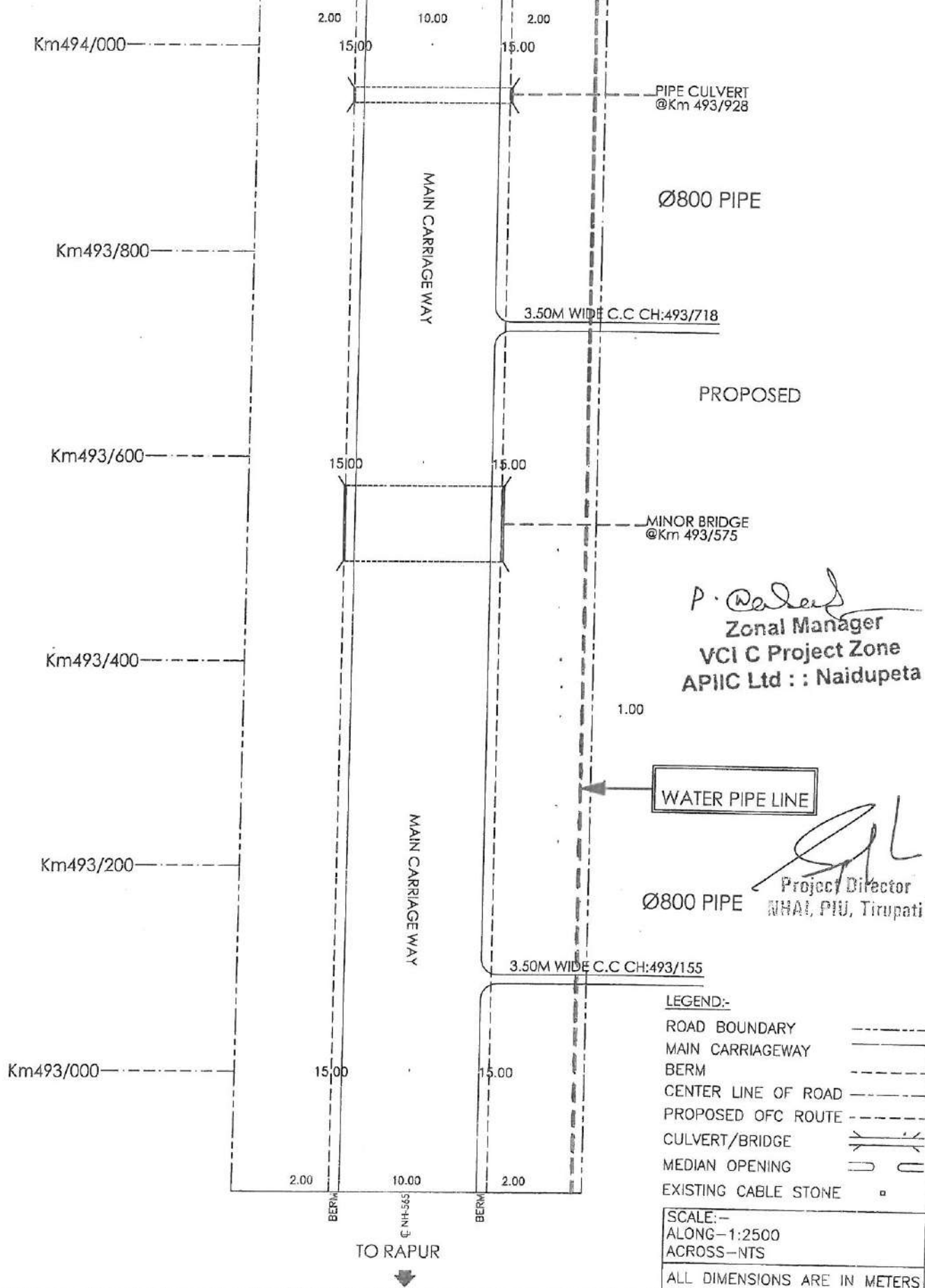
SCALE:-

ALONG-1:2500

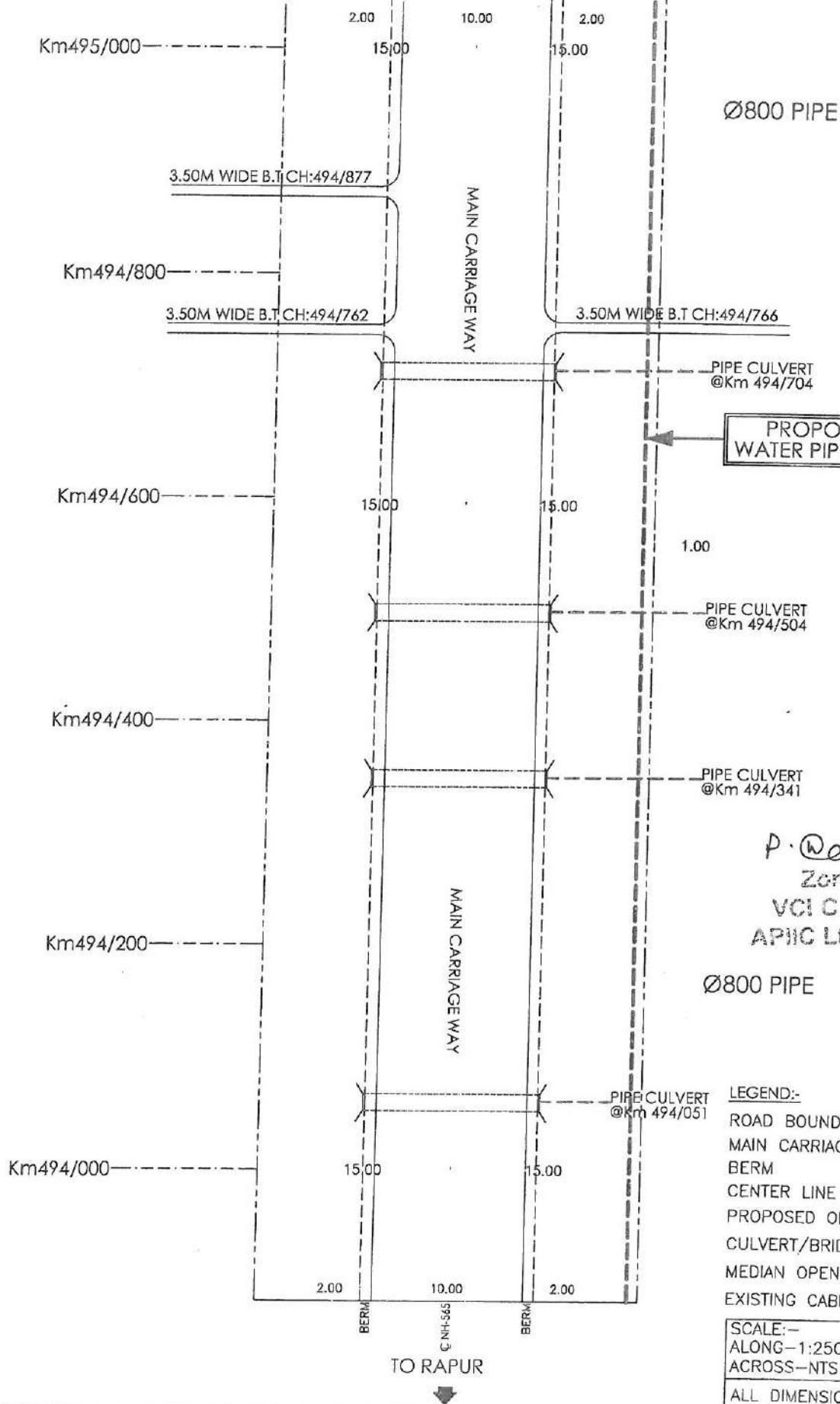
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



Spl
Project Director
MHAI, PIO, Tirupati

P. Wale
Zonal Manager
VCI C Project Zone
APJIC Ltd : : Naidupeta

Ø800 PIPE

LEGEND:-

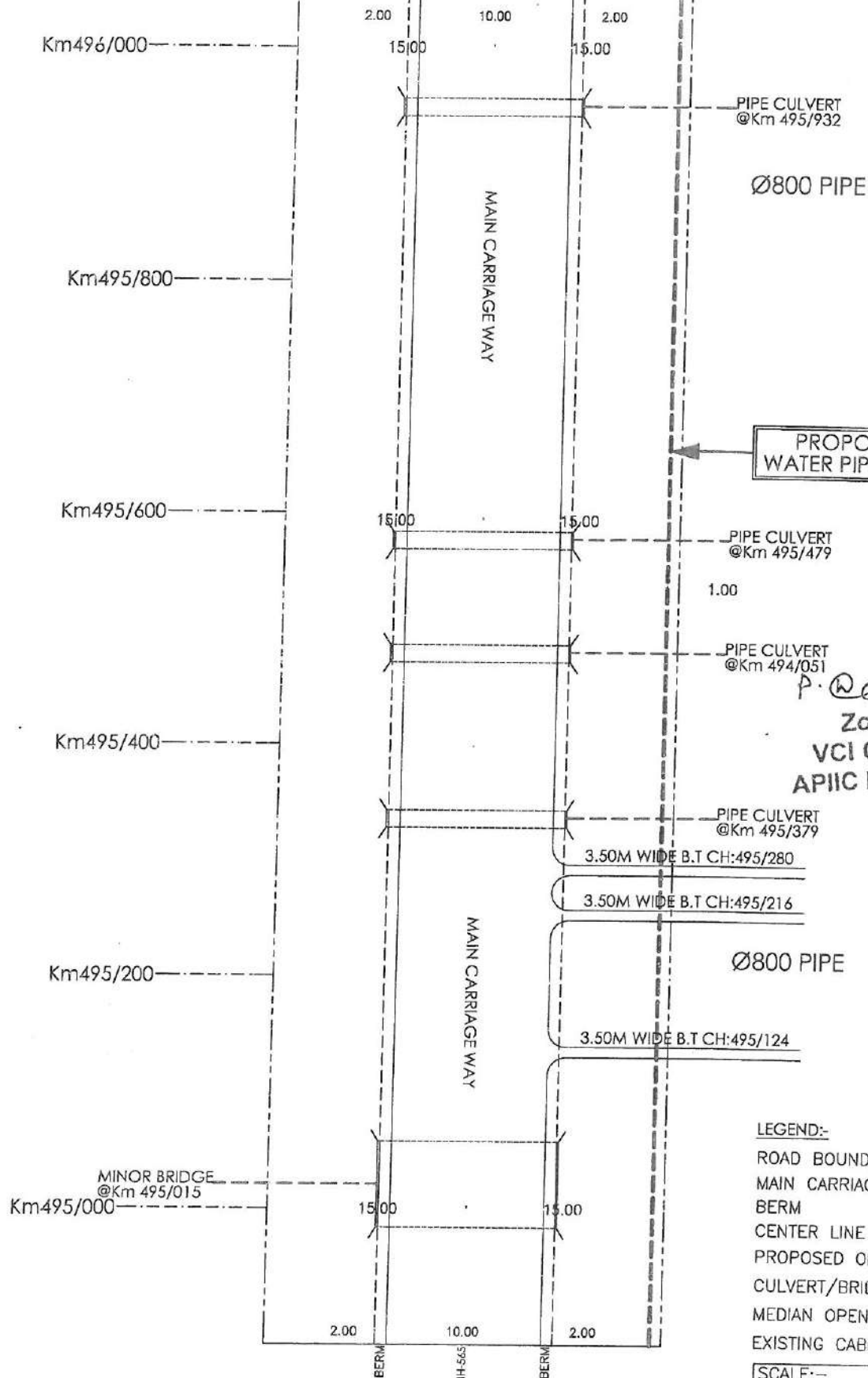
- ROAD BOUNDARY ————
- MAIN CARRIAGEWAY ————
- BERM ————
- CENTER LINE OF ROAD ————
- PROPOSED OFC ROUTE ————
- CULVERT/BRIDGE
- MEDIAN OPENING
- EXISTING CABLE STONE

SCALE:-

ALONG-1:2500
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



PROPOSED
WATER PIPE LINE

PIPE CULVERT
@ Km 495/479

1.00

PIPE CULVERT
@ Km 494/051

PIPE CULVERT
@ Km 495/379

3.50M WIDE B.T CH:495/280

3.50M WIDE B.T CH:495/216

Ø800 PIPE

3.50M WIDE B.T CH:495/124

P. Wadivelu
Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

S. L.
Project Director
NHAI, PIU, Tirupati

LEGEND:-

ROAD BOUNDARY

MAIN CARRIAGEWAY

BERM

CENTER LINE OF ROAD

PROPOSED OFC ROUTE

CULVERT/BRIDGE

MEDIAN OPENING

EXISTING CABLE STONE

SCALE:-

ALONG-1:2500

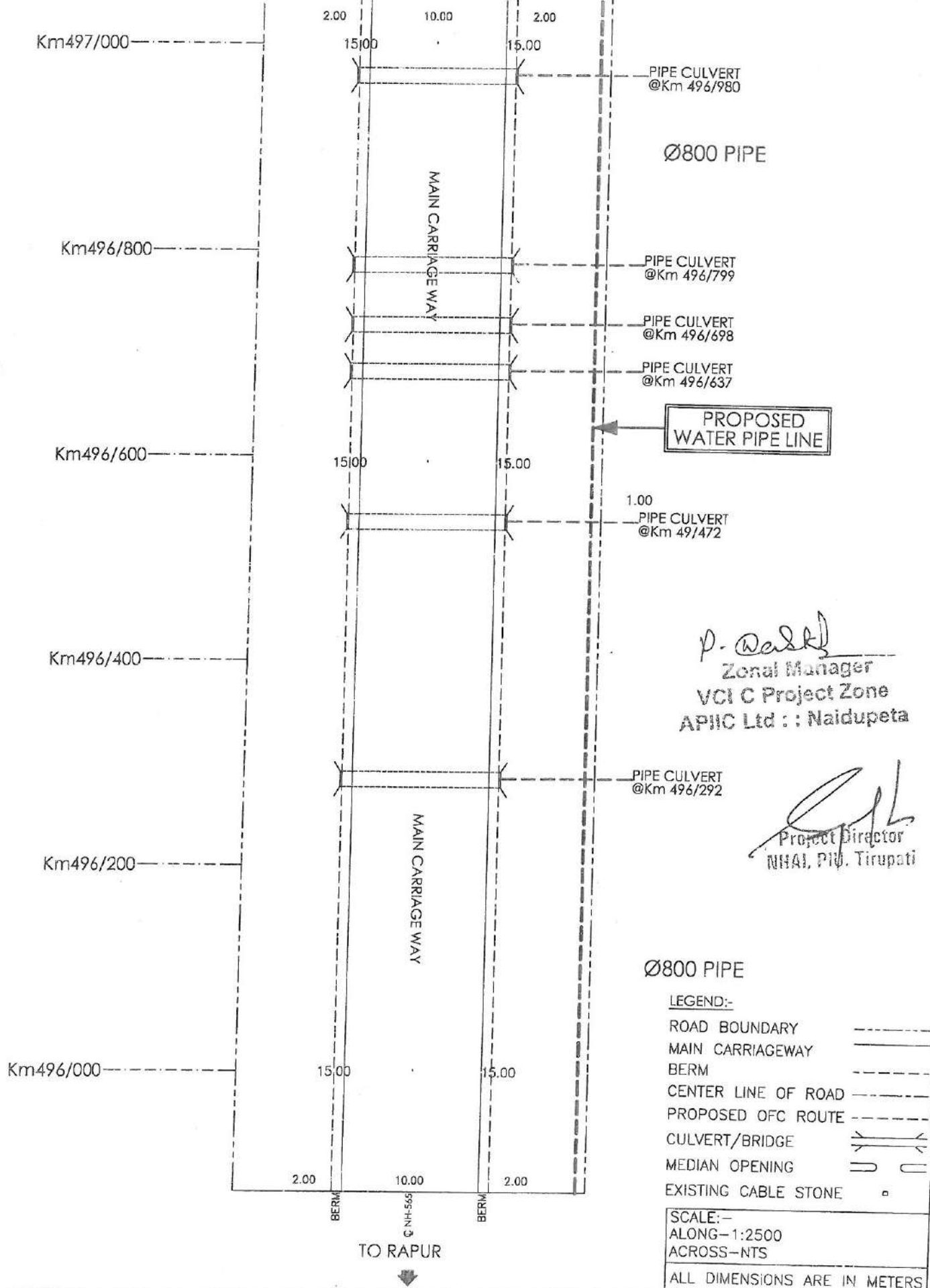
ACROSS-NTS

ALL DIMENSIONS ARE IN METERS



PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS@Km 452/930,
458/320,464/600,491/000,497/000 OF
NH-565 ON LHS & RHS
('RAPUR-YERPEDU' SECTION)

TO YERPEDU



P. Waski

Zonal Manager
VCI C Project Zone
APIIC Ltd : : Naidupeta

[Signature]
Project Director
NHAI, P.W. Tirupati

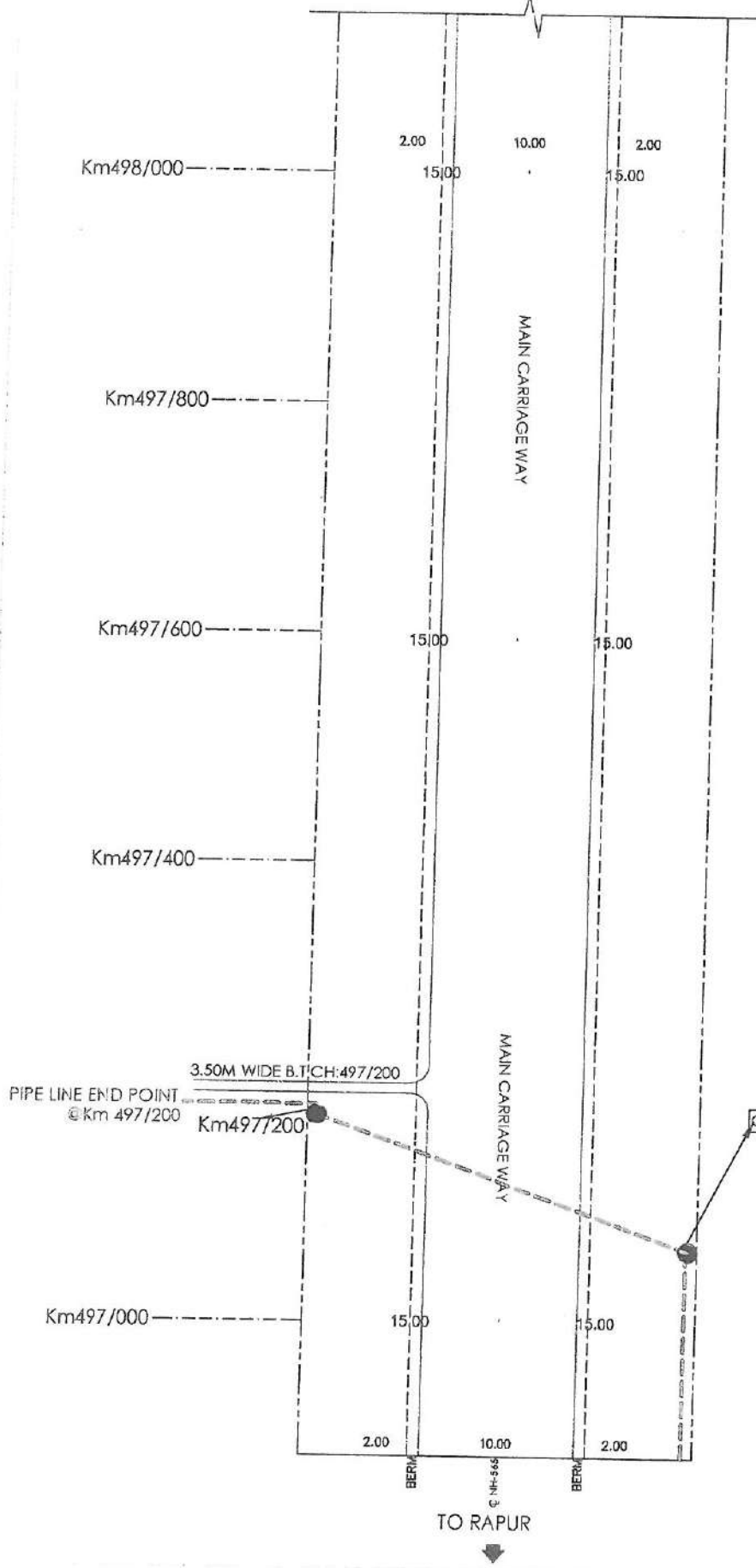
Ø800 PIPE

SHEET No : 44

PROPOSED WATER PIPE LINE
FROM Km 452/930 to 497/200 &
ROAD CROSSINGS @ Km 452/930,
458/320, 464/600, 491/000, 497/000 OF
NH-565 ON LHS & RHS
("RAPUR-YERPEDU" SECTION)



TO YERPEDU



[Signature]

Project Director
NHAI, PIU, Tirupati

P. [Signature]
23/6/2021

Zonal Manager
VCI C Project Zone
APIIC Ltd :: Naidupet

CROSSING @ Km 497/170 (HDD)

Ø800 PIPE

LEGEND:-

- ROAD BOUNDARY
- MAIN CARRIAGEWAY
- BERM
- CENTER LINE OF ROAD
- PROPOSED OFC ROUTE
- CULVERT/BRIDGE
- MEDIAN OPENING
- EXISTING CABLE STONE

SCALE:-
ALONG-1:2500
ACROSS-NTS
ALL DIMENSIONS ARE IN METERS