



**भारतीय राष्ट्रीय राजमार्ग प्राधिकरण**  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)  
क्षेत्रीय कार्यालय, चेन्नई / **Regional Office, Chennai**  
'श्री टावर' 3<sup>rd</sup> मंजिल, DP-34 (SP), इंडस्ट्रियल एस्टेट, गिण्डी, चेन्नई - 600 032  
'SRI TOWER', 3<sup>rd</sup> Floor, DP-34 (SP), Industrial Estate, Guindy, Chennai - 600 032.

दूरभाष/Tele : 91-44-2225 2635  
फैक्स/Fax : 91-44-2225 2636  
ई-मेल/ E-mail: rochennai@nhai.org

NHAI/11019/16/2009/RO Chennai/ 3458

07<sup>th</sup> Dec, 2020

**Invitation of Public Comments**

Sub: NHAI, RO Chennai - PIU-Salem - Permission for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai - Approval Requested - Reg.


1. The subject proposal requesting permission for laying of Underground water pipe line 712 mm dia MS pipe along the road for a length of 805 m from Km.94/925 to Km 95/730 on LHS, another 160 mm dia HDPE pipe for a length of 1705 m from Km 957/730 to Km 97/435 on RHS and one more water pipe line of 63 mm dia HDPE pipe of 745 m length from Km 95/730 to Km 96/475 on LHS aggregating to 3255 m length by open trench method in Salem - Cochin road (Kumarapalayam - Chengapalli section) of NH-544 in the State of Tamil Nadu for approval.
2. The Executive Engineer, PED/ WRO, Special Division, Perundurai has furnished an undertaking to move the utility line for any work of improvement or repairs to the road, If NHAI considers if necessary in future, it will be carried out as desired by the NHAI at their cost within a reasonable time (not exceeding 60 days) of the intimation given. Further, the applicant has furnished the undertaking for payment of rent / fee as mentioned in the Ministry's Circular No. RW/NH-33044/29/2015-S&R dated 22.11.2016 as when asked by NHAI.
3. As per the guidelines issued by the Ministry vide letter No.RW/NH-33044/29/2015/S&R(R) dated 22.11.2016, the proposal submitted by EE, PWD/ WRO, Special Division, Perundurai will be made available for 30 days seeking public comments/objections and the comments shall be furnished within 30 days from the day of closure of public objections.

# National Highways Authority of India

In view of the above, comments of the public on the above proposal are invited and if any, may be sent to the below mentioned address:

The Regional Officer  
National Highways Authority of India  
(Ministry of Road, Transport & Highways)  
SRI Tower, 3<sup>rd</sup> floor  
DP - 34 (SP), Industrial Estate,  
Guindy, Chennai - 600 032

Yours faithfully

  
(C. Bagavathsingh)  
DGM (T)

For Regional Officer, NHAI, Chennai

Copy to:

1. NHAI website
2. The NIC, New Delhi - for uploading in the Ministry's website
3. PD, NHAI, Salem - For information.



भारतीयराष्ट्रीयराजमार्गप्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)

**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

Office of the Project Director,  
Project Implementation Unit (NS)

Door No. 212-3/D3-1, Sri Nagar Colony,  
Narasothipatti, SALEM - 636 004. Tamil Nadu.

तेल / Tel : 0427 - 2444275

फैक्स / Fax : 0427 - 2333275

ईमेल / E-mail : sal@nhai.org

nhaisalem1@gmail.com

salemnhai@yahoo.in

NHAI/PIU-SLM/Water Pipeline/2020/1308  
To

30<sup>th</sup> October, 2020

**The Regional Officer,**  
Chennai Region,  
National Highways Authority of India,  
"SRI TOWER", 3rd Floor, DP-34 (SP),  
Industrial Estate, Guindy  
CHENNAI - 600 032

**Sub:** NHAI - PIU, Salem - Permission for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai - **Permission requested - Reg**

**Ref:** 1. The EE, PWD Lr. No. 134M/DB/Sr.D.O/NHAI dated 21.09.2020  
2. This office Lr.no. NHAI/PIU-SLM/NH-47/2020/1154 dated 29.09.2020  
3. IE letter no TES/IE-SKC/PD-NHAI/2020/163 dated 08.10.2020  
4. Concessionaries Lr.No. KTL/NHAI/2020/272 dated 19.10.2020

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The proposal of the Executive Engineer, PWD, WRD Special Project Division, Perundurai for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) for the total length of 3255m in the limits of National Highways is submitted to this office vide reference 1<sup>st</sup> cited. The proposal had been forwarded to the IE and Concessionaire for field verification vide reference cited 2<sup>nd</sup> above and IE have submitted report vide reference 3<sup>rd</sup> & 4<sup>th</sup> cited respectively. The proposal is examined as per Ministry's Circular No. NH 111/P/66/76 dated 18/19.11.1976, RW/NH 33044/27/2005/S&R (R) pt. dt 06.08.2013 & RW-NH/33024/29/2015/S&R (R) dt 22.11.2016, the following details are submitted:

1. The Executive Engineer, PWD, WRD Special Project Division, Perundurai has proposed laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from

30/10/2020

Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) for the total length of 3255m in the limits of National Highways. In the proposal Executive Engineer, PWD, WRD Special Project Division, Perundurai has mentioned that pipeline will be laid at 1.65m below the G.L.by open cut method.

2. The four laning work in the stretch of Kumarapalayam to Chengapalli section of NH-544 has been already completed.
3. The DPR for widening of 4 lane to 6 lane of the stretch from Km 0/000 to Km 102/035 of NH-544 is under progress. As per the policy for development of Highways under Bharatmala Pariyojana dated 30.10.2019 the 4-lane stretch to be widened to 6-lane with 6-lane structures at 60m ROW.
4. There may be additional LA required for junctions / structures, hence the casing for Pipe line along the road where crossing the proposed grade separated arrangements for the junctions, approximately 50 to 60m on either side of junctions (Total 100 to 120m) has to be provided by the PWD to avoid shifting of pipe line for junction improvements.
5. The applicant has proposed pipeline in extreme boundary of Right of Way (ROW).
6. The levy fee and other conditions stipulated in the new circular of Ministry also have also been included in the undertaking.

**Restoration Charges & License fee for Laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) as per MoRTH Policy Guideline No.RW/NH-33044/29/2015/S&R (R) dt 22.11.2016.**

**Restoration Charges:**

Cost of Restoration Rs.100 per running meter (3255 x 250)	8,13,750
<b>Total (in Rs.)</b>	<b>8,13,750</b>

*22/10/2020*

**LICENSE FEE:**

Sl. No	Description	Length in Meters (a)	Width (b)	Area occupied in Sqm (c) (a x b)	Guideline value (d)	License fee (c x d) / (10 x 12)	Name of the village
<b>Area occupied along the road</b>							
1	Km 94/925 to 95/730 (LHS)	805	0.712	573.16	496.70	2372.40	
	Km 95/730 to 96/475 (LHS)	745	0.063	46.935	496.70	194.29	
	Km 95/730 to 97/435 (RHS)	1705	0.160	272.80	496.70	1129.16	
<b>Total</b>						<b>3695.85</b>	
<b>License fee for 5 years (60month) = Rs. 3695.85 x 60 = 2,21,751/-</b>							

**Total License Fee : 2,21,751/-**

Further, it is certified that the proposed permission will be entered in the prescribed proforma issued by MoRTH.

Hence, the proposal of the Executive Engineer, PWD, WRD Special Project Division, Perundurai has seeking permission for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/79830 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) for the total length of 3255m as detailed above may be considered and approval may kindly be accorded.

Encl: As above ( 300 Proposal)

Yours faithfully,

(N.Varadharajan)

DGM (T) & Project Director  
PIU, Salem



# Theme Engineering Services Pvt. Ltd

Door. No: 5/180, Teachers Colony, NH Bypass Road  
Kumarapalayam 638 183, Namakkal District. TN  
E-mail : [tesiesalem@gmail.com](mailto:tesiesalem@gmail.com) | 93856 00729 (Off)

Ref: TES-IE-SKC/PD-NHAI/2020-163

DT: 08-10-2020

To

The DGM (Tech) & Project Director  
NHAI -Project Implementation Unit (NS),  
Door No. 212-3/D3-1, Sri Nagar colony,  
Narasothi Patti, Salem, 636004 - TN.

NHAI-PIU-SALEM	
Date:	9/10/2020
Dy. No:	2558
M ( )	
Y.P ( )	
J.A.O/	

Sub:- Independent Engineer for four Lane divided carriageway facility of Salem to Kumarapalayam section from KM.0+000 to 53/525 (TN-06) and Kumarapalayam to Chengapalli section from KM. 53/525 to KM. 102/035 (TN-07) of NH-544 (old NH-47) in the state of Tamil Nadu - Request for permission to lay underground water pipe line along the road from 712 MM Dia MS Water pipe line from KM: 94+925 to KM: 95+730 (LHS), 63 MM Dia HDPE Water pipe line from KM: 95+730 to KM: 96+475 (LHS) & 160 MM Dia HDPE Water pipe line from KM: 95+730 to 97+435 (RHS) of Salem - Cochin Road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai - Furnishing remarks- Reg.

Ref:-i) NHAI/PIU-SLM/NH-47/2020/1154 dated 29.09.2020 received on Dt.01.10.2020.

ii) The EE, PWD Lr.No.134M/DB/Sr.D.O/ NHAI/Dt.21.09.2020.

Dear Sir,

In compliance to the receipt of PD, PIU, NHAI letter dated: 29.09.2020 regarding furnishing of remarks to the "Application for laying of underground water pipe line along the road from 712 MM Dia MS Water pipe line from KM: 94+925 to KM: 95+730 (LHS), 63 MM Dia HDPE Water pipe line from KM: 95+730 to KM: 96+475 (LHS) & 160 MM Dia HDPE Water pipe line from KM: 95+730 to 97+435 (RHS) of Salem - Cochin Road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai.

Site inspection has carried out and studied the request of permission for laying of underground water pipe line in service road edge on LHS & RHS with in ROW i.e. 30m from centre of existing road on LHS & RHS. We observed that proposed water pipe line laying drawings are in compliance with reference to Ministry guideline (1) letter no RW/NH-33044/17/2000-S&R dated: 29.09.2000, NHAI's Guidelines issued vide Letter no.NHAI/OEC/2k/Vol.11 dated. 07.11.2000, and Ministry Circular No: RW/NH-33044/27/2000 S&R dated: 21.03.2006, Ministry guidelines Lr.No.RW/NH-33044/27/2005-S&R @ dated: 21.09.2010, Ministry Circular No: RW/NH-33044/27/2005-S&R(R)(Pt) dated: 06.08.2013, Ministry Circular No.RW/NH-33044/29/2015-S&R (Pt) dated: 22.11.2016.

The applicant has shown that proposed water pipe line will be laid at a depth of 1.65 m from top of service road by Open Trench method. But as on date existing ROW edge is 30m from existing road centre on LHS & RHS, there minor bridge is existing up to the end of ROW, leaving no gap, and utilities also existing.

In addition to the above, you aware that NHAI was already constructed service road in this location on BHS with high embankment.

Page 1/1



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Hence care should be taken while laying the pipeline to avoid damage to the service road and shoulders etc, and same should carry out in presence of concessionaire representative only. Hence, proposal may be considered for approval.

This is for your kind information and necessary action.

Thanking you  
Yours Faithfully  
For Theme Engineering Services

*Srinivasulu*  


K. SRINIVASULU  
Team Leader

Encl: - Proposal booklet -as above

Copy to: The Sr.AGM (Projects) - Kumarapalayam Tollways Ltd., Vijayamangalam.

Page 2/2

KTL/NHAI/2020/272  
Date:19/10/2020

To

The Project Director,  
National Highway Authority of India  
Door No.212-3/D3-1, Sri Nagar colony,  
Narasothipatti,  
Salem- 636004.  
Tamil Nadu

NHAI-PIU-SALEM	
Date:	21/10/2020
Dy. No:	2697
M (T)	
YP (T)	✓
JAO/Asst.	
H.O.O	
L.O	

Project Director

Dear Sir,

Sub	: Design, Construction, Development, Finance, Operation and Maintenance of Kumarapalayam - Chengapalli section of NH-47 from Km 53+525 to Km 102+035 on NH-47, in the State of Tamilnadu on Build, Operate and Transfer (BOT) Basis - Package No. NS-2/BOT/TN-7.
Reg	: Permission for laying of underground water pipeline along the road from 712 MM dia MS water pipe line from Km 94+925 to Km 95+730 (LHS), 63 MM dia HDPE water pipe line from Km 95+730 to 96+475 (LHS) & 160MM dia pipe HDPE water pipe line from Km 95+730 to Km 97+435 (RHS) of Salem - Cochin road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai - comments - reg
Ref	: Your Lr.No.NHAI/PIU-SLM/NH-47/2020/1154 dated 29.09.2020

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With reference to the above cited subject, the Executive Engineer, PWD/WRD has request to Permission for laying of underground water pipeline along the road from 712 MM dia MS water pipe line from Km 94+925 to Km 95+730 (LHS), 63 MM dia HDPE water pipe line from Km 95+730 to 96+475 (LHS) & 160MM dia pipe HDPE water pipe line from Km 95+730 to Km 97+435 (RHS) of Salem - Cochin road section (NH-544). The proposal has been verified and we are herewith submitting our comments as follows:

1. As per the proposal the water pipeline is proposed to be laid at 30 meters from center line.
2. The Work should be carried out without disturbing our constructed main carriageway & service road including shoulder and the utility corridor.
3. The Utility corridor of 2.5 meter is already utilized for drinking water pipe line and electrical poles. However, if any damages occurred during the laying of water pipeline by PWD/WRD, they shall have to bare the costs and rectify the same.

## KUMARAPALAYAM TOLLWAYS LTD.

Tollplaza @ Km 88+287 on NH-47, Kambuliampatti Village, Vijayamangalam- (PO),  
Perundurai (Tk), Erode - District - 638056

Ph: 04294-243400, E-Mail: salem\_chengapalli@rediffmail.com, ivrclsalemroadwork@ivrinfra.com

4. All the trench cutting for laying of water pipeline has to be done manually and it has to be informed on priority basis to the concessionaire. Moreover, while executing the HDD methodology, there shall be no damage / disturbance to our road.
5. After completion of all the works the joint inspection to be conducted to verify the site condition, then only the bank guarantee have to be released.
6. While laying the water pipeline in said stretch it shall be ensured that it will not affect the access to the road users.

This is for your kind information and further needful action please.

Thanking you,  
For Kumarapalayam Tollways Limited,



(Y. RAJ KUMAR),  
Sr.AGM (P)

Copy to: The Team Leader, Theme Engineering Services Pvt Ltd.,

## KUMARAPALAYAM TOLLWAYS LTD.

Tollplaza @ Km 88+287 on NH-47, Kambuliampatti Village, Vijayamangalam- (PO),  
Perundurai (Tk), Erode - District - 638056

Ph: 04294-243400, E-Mail: [salem\\_chengapatti@rediffmail.com](mailto:salem_chengapatti@rediffmail.com), [ivrclsalemroadwork@ivrinfra.com](mailto:ivrclsalemroadwork@ivrinfra.com)



BHARATMALA  
ROAD TO PROSPERITY

भारतीयराष्ट्रीयराजमार्गप्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport & Highways)

Office of the Project Director,  
Project Implementation Unit (NS)  
Door No. 212-3/D3-1, Sri Nagar Colony,  
Narasothipatti, SALEM - 636 004. Tamil Nadu.

तेल / Tel : 0427 - 2444275  
फैक्स / Fax : 0427 - 2333275  
ईमेल / E-mail : sal@nhai.org  
nhaisalem1@gmail.com  
salemnhai@yahoo.in

NHAI/PIU-SLM/NH-47/2020/1154  
To

29<sup>th</sup> September, 2020

M/s Theme Engineering Services  
No.102 C9 & 14, VKP complex  
Pallipalayam Road,  
Kumarapalayam - 638 183

The Assistant General Manager (P),  
M/s. Kumarapalayam Tollways Limited,  
Vijamangalam village,  
Erode District

Sir,

Sub: NHAI, PIU, Salem - Permission for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) by the Executive Engineer, PWD, WRD Special Project Division, Perundurai - Proposal enclosed and sent for furnishing necessary remarks - Reg

Ref: The EE, PWD Lr. No. 134M/DB/Sr.D.O/NHAI dated 21.09.2020

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Find enclosed herewith the proposal of the EE, PWD, WRD Special Project Division, Perundurai seeking permission for laying of under Ground Water Pipe Line along the road from 712 MM dia MS Water Pipe Line from Km 94/925 to Km 95/730 (LHS), 63 MM dia HDPE Water Pipe line from Km 95/730 to 96/475 (LHS) & 160 MM dia HDPE Water Pipe line from Km 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544) vide reference cited.

In this context, it is requested to examine the proposal of the EE, PWD, Perundurai according to the Ministry Guidelines and actual site conditions as per space availability and offer your comments.

Further, it is requested to sign the checklist & drawings and return to this office.

Encl: As above (Proposal)

Yours faithfully,

(N.VARADHARAJAN)

DGM (Tech) & Project Director,  
NHAI, PIU, Salem

ok

29/09/2020

## PUBLIC WORKS DEPARTMENT

From,  
EXECUTIVE ENGINEER, PWD,  
Water Resources Department,  
Special Project Division,  
Perundurai.

To,  
THE PROJECT DIRECTOR,  
National Highways Authority of India,  
(Ministry of Road Transport & Highways),  
Project Implementation Unit (NS),  
Door No.212-3/D3-1, Sri Nagar Colony,  
Narasothipatti, Salem-636 004.

Letter No. 134/PB&T.D.O/NHAI/Dated. 21.09.2020

Sir,

Sub: Permission to lay new water supply pipeline for providing Athikadavu - Perundurai Scheme as irrigation, Ground water recharge and drinking water supply scheme in Tirupur District, Salem - Cochin Road Section (NH-544) - Requested - Regarding.

I submit herewith the proposal for getting approval for grant of NOC and Utility Service Permission for Under Ground Irrigation, Ground Water Recharge and Drinking Water Supply Pipe Line along the road at 712 MM Ø MS Water Pipe Line from K.M. 94/925 to 95/730 (LHS), 63 MM Ø HDPE Water Pipe Line from K.M. 95/730 to 96/475 (LHS) & 160 MM Ø HDPE Water Pipe Line from K.M. 95/730 to 97/435 (RHS) of Salem - Cochin Road section (NH-544), along with layout plan, check list, license deed and other required documents (5 sets) as per NH Norms for Utility service across NH at the said location as per new MORTH Guidelines letter No. RW/NH/33044/29/2015/S&R(R) Dated 22nd July 2016.

Hence it is requested that necessary approval may kindly be granted for the above proposal at the earliest.

Encl.: Proposals - 5 sets

*due*  
*21/9/20*  
EXECUTIVE ENGINEER, PWD,  
Water Resources Department,  
Special Project Division,  
Perundurai

NHAI-PIU-SALEM	
Date:	23/9/2020
Dy. No:	2364
M (T)	
YP (T)	
J.A.O/Acc:	
R.O.O	
L.O	

*✓* *Agree*

*h*  
*23/9/2020*  
Project Director


PROPOSALS FOR PROVIDING UNDER GROUND WATER PIPE LINE  
ALONG THE ROAD FROM 712 MM Ø MS WATER PIPE LINE FROM  
K.M. 94/925 TO 95/730 (LHS), 63 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 96/475 (LHS) & 160 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 97/435 (RHS) OF SALEM – COCHIN ROAD SECTION (NH-544)

APPLICANT:

EXECUTIVE ENGINEER, PWD,  
Water Resources Department,  
Special Project Division,  
Perundurai

LIST OF ENCLOSURES:-

1. CHECK LIST
2. GENERAL ANNEXTURE FORM
3. SPECIAL ANNEXTURE FORM I & II
4. SITE PLAN
5. DOCUMENTS

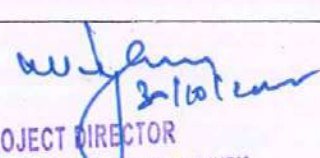
  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.  
Perundurai - 638052.

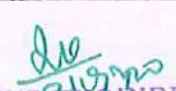
**CHECK LIST FOR GETTING APPROVAL TO LAY UNDER GROUND**

**WATER PIPE LINE ON NH LAND**

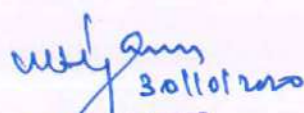
**PERMISSION FOR LAYING OF UNDER GROUND WATER PIPE LINE  
ALONG THE ROAD FROM 712 MM Ø MS WATER PIPE LINE FROM  
K.M. 94/925 TO 95/730 (LHS), 63 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 96/475 (LHS) & 160 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 97/435 (RHS) OF SALEM – COCHIN ROAD SECTION (NH-544)**

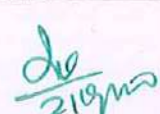
S.No.	Item	Information/Status	Remarks
1.0	General Information		
1.1	Name and address of the Applicant	EXECUTIVE ENGINEER, PWD, Water Resources Department, Special Project Division, Perundurai.	
1.2	National Highway Number	NH - 544 (Salem-Cochin Road)	
1.3	State	Tamilnadu	
1.4	Location	NH - 544 (Salem-Cochin Road)	
1.5	Chainage in Km	Along the road from K.M. 94/925 to 95/730 (LHS), K.M. 95/730 to 96/475 (LHS) & K.M. 95/730 to 97/435 (RHS) of Salem – Cochin Road NH-544	
1.6	Length in meters	3255 Meters (Along Pipe Line)	
1.7	Width of Available Row		
	a) Left side from center line towards increasing chainage/ km direction	As Per Drawing Attached	
	b) Right side from center line towards increasing chainage/ km direction	As Per Drawing Attached	
1.8	Proposal to lay the Water Pipe Line		
	a) Left side from center line towards increasing chainage/ km direction	29.00 m	
	b) Right side from center line towards increasing chainage/ km direction	29.00 m	
1.9	Proposal to acquire land		
	Left side from Center line	Nil	
	Right side from Center line	Nil	
1.10	Whether proposal is in the same side where land is not to be acquired	Yes	
	If not then where to lay the Water pipe Line	The Pipe Line shall be laid at the extreme end of Row.	

  
PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM

  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

S.No.	Item	Information/Status	Remarks
1.11	Details of already laid services, if any, along the proposed route	No	
1.12	Number of lanes ( 2/4/6/8 lanes) existing	4 lane with paved shoulders	
1.13	Proposed number of lanes (4 lane with paved shoulders /4/6/8 lanes)	4lane with paved shoulders	
1.14	Services Road existing or not If yes, then which side	Yes, Both side	
	a) Left side from center line	Drawing enclosed	
	b) Right side from center line	Drawing enclosed	
1.15	Proposed service road	Nil	
	B) Left side from center line	NA	
	C) Right side from center line	NA	
1.16	Whether proposal to lay Pipe Line is after the services road or between the service road and main carriageway	After the Service Road	
1.17	The permission for laying Pipe Line shall be considered for approval / rejection	Considered for approval based on the Ministries circular	
	I. Where the ROW is more than 45mts then duct cable shall be laid at the edge of right of way within the utility corridor 2m width, duly keeping in view the future widening.	Yes	
	II. Where the land is yet to be acquired for 4 laning and the position of new carriage has been decided than the Pipe Line shall be laid at the edge of way with in the utility corridor 2m width, on that side of existing carriageway where extra land is not proposed to be acquire for 4 laning.	NA	
	III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30m or less, a judicious decision would need be taken for permitting the laying of Pipe Line/duct. This could be within 1.5m to 2m utility corridor at the edge of existing ROW, dully keeping in view the possible widening plans.	NA	
	IV. Where the ROW is restricted and adequate only to accommodate the carriageway, central verge, shoulders and drains (e.g. Highways in cutting through hilly/rolling terrain), the cable shall be laid clear of the drain.	NA	

  
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 20/10/2020

S.No.	Item	Information/Status	Remarks
1.18	No of applicants on the same stretch	First	
1.19	Whether the case of multiple license	Single License	
1.20	If so furnish a joint implementation program me to lay their respective ducts within stipulated time frame	NA	
1.21	If crossing of the road involved. If yes it shall be only be through trench-less technology	Yes	
2.0	Document/Drawings enclosed with the proposals	Yes	
2.1	Cross section showing the size of trench for open trenching method ( is it normal size of 1.65m deep x 0.5m wide) should not be greater than 1.2m in width in multiple cable for HDD method.	Yes	
2.2	Cross section showing the size of pit and location of cable for HDD method.	Yes: Enclosed	
2.3	Strip plane / route plane showing the Pipe Line, Chainage, width of ROW , distance of proposed, cable form the edge of ROW, important mild stone, intersection, cross drainage works etc.,	Yes, show in the diagram	
2.4	Methodology for laying of Pipe Line	Along the Road-Trench Method.	
2.4.1	Open trenching method. If yes methodology of refilling of trench.	Yes.	
2.4.2	Horizontal Direction Drilling (HDD) method	Yes	
2.4.3	Laying of Pipe Line through CD works	NA	
3.0	Draft license agreement signed by two witnesses	Yes	
4.0	Performance bank Guarantee	Would be obtained after approval of proposals	
4.1	Performance bank Guarantee as per ministry circular no. RW/NH-33044/29/2015-S&R@ (Pt) dated 22.11.2016 to be obtained @Rs.100/- per meter length and Rs. 1,00,000/crossing.	Applicable at later date	
4.2	Confirmation of BG has been obtained as per NHAI guidelines	BG will be submitted as per NHAI guidelines	
5.0	Affidavit /undertaking from the applicant for	Yes	
5.1	Not to damage to other utility, if damaged then to pay the loses either to NHAI or to the concerned agency	Yes	
5.2	Renewal of BG	Yes: will be obtain after submission of BG	
5.3	Conforming all standard condition of NHAI's guidelines.	Yes	

*[Signature]*  
20/10/2020

*[Signature]*  
20/10/2020  
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S.No.	Item	Information/Status	Remarks
5.4	Shifting of Pipe as and when required by NHAI	Yes	
5.5	Shifting due to 6 laning / widening of NH	Yes	
5.6	Indemnity against all damages and claims clause(xxiv)	Yes	
6.0	Power of Attorney in favour of authorized signatory	Nil	
7.0	Copy of DOT license	Nil	
8.0	Certificate from the project Director	Yes	
8.1	Certificate for the conforming of all standard conditions vide Ministry circular No: RW/NH-33044/17/2000-S&R dated 29.09.2000, NHAI's guidelines issued vide Letter no .NHAI/OEC/2k/ Vol.11 dated 07.11.2000 and Ministry circular No: RW/NH-33044/27/2000-S&R dated 21.03.2006, Ministry guidelines Lr.no. RW/NH-33044/27/2005-S&R(R) dated 21.09.2010, ministry circular No: RW/NH-33044/27/2005-S&R(R)(Pt)dated 6.08.2013 Ministry circular No: RW/NH-33044/29/2015-S&R(Pt) dated 22.11.2016	Enclosed	
8.2	Certificate for 6-Laning Where feasibility is available "I do certify that there will be no hindrance to proposed six-laning based on the feasibility report considering proposed structures at the location". In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed 6 Laning.	Enclosed	
9.0	The agreement fee of Rs.1 shall be charged	Yes	
10.0	If NH proposed section to be taken up by NHAI on BOT basis a clause in Para 17 to be inserted in the agreement, "The permanent highway on which licensee has been granted the right of way to the concessionaire under the concession agreement for up gradation of NH-544 Salem-Cochin Road K.M. 94/925 to 95/730 (LHS), K.M. 95/730 to 96/475 (LHS) & K.M. 95/730 to 97/435 (RHS).	NA	

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S.No.	Item	Information/Status	Remarks
11	Who will supervise the work of laying of Pipe Line	Independent Engineer appointed by NHAI & The Concessionaire IVRCL Ltd, Chengapalli Tollways Ltd. & Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai	
12	Who will ensure that the defect in road portion after laying of Pipe Line area corrected and if not corrected then what action will be taken	Independent Engineer appointed by NHAI & The Concessionaire IVRCL Ltd, Chengapalli Tollways Ltd & Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai	
13	Who will pay the claims for damages done/disruption in working of concessionaire, if asked by the concessionaire.	Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai	
14	A certificate for PD that he will enter the proposed permission in the register of record of the permissions in the prescribed Performa issued vide ministry circular No: RW/NH-33044/17/2000-S&R, Dated. 06.08.2013 and 33044/29/2015-S&R® dated 22.11.2016	Enclosed	
15.	If any previous approval is accorded for laying of cable then photocopy of register of records of permission accorded as maintained by PD per ministry circular No: RW/NH-33044/17/2000- S&R(R) (Pt)dated 06.08.2013 and 33044/29/2015-S&R® (Pt) dated 22.11.2016 as referred in Para 13 above is enclosed or not.	NA	

*[Signature]*  
20/10/2020

*[Signature]*  
30/10/2020  
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20/10/2020

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METHODOLOGY FOR LAYING OF UNDER GROUND WATER PIPE LINE ON NH LAND

PERMISSION FOR LAYING OF UNDER GROUND WATER PIPE LINE  
ALONG THE ROAD FROM 712 MM Ø MS WATER PIPE LINE FROM  
K.M. 94/925 TO 95/730 (LHS), 63 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 96/475 (LHS) & 160 MM Ø HDPE WATER PIPE LINE FROM  
K.M. 95/730 TO 97/435 (RHS) OF SALEM – COCHIN ROAD SECTION (NH-544)

METHODOLOGY FOR LAYING OF PIPE LINE	ALONG THE ROAD-TRENCH METHOD
<p><u>Open trenching method :-</u></p> <p>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. Filling of the trench shall conform to the specifications contained here-in-below. A typical sketch showing the clearances is given in Drawing.</p> <ol style="list-style-type: none"><li>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.</li><li>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.</li><li>The road crust shall be built to the same strength as the existing crust on either side of the trench.</li></ol>	

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*21/9/22*  
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## ANNEXURE FORM

**GENERAL ANNEXURE FOR ACCOMPANY THE PROPOSALS FOR PROVIDING**  
**UNDER GROUND WATER PIPE LINE**  
**ALONG THE ROAD FROM 712 MM Ø MS WATER PIPE LINE FROM**  
**K.M. 94/925 TO 95/730 (LHS), 63 MM Ø HDPE WATER PIPE LINE FROM**  
**K.M. 95/730 TO 96/475 (LHS) & 160 MM Ø HDPE WATER PIPE LINE FROM**  
**K.M. 95/730 TO 97/435 (RHS) OF SALEM – COCHIN ROAD SECTION (NH-544)**


### GENERAL

#### CHECK LIST:

I. i	Whether the site plan is drawn to scale 1:2000 or 1:1000 and enclosed.	:	Yes, site plan 1: 2000
II.	Whether the details of 100 m on either side of the utility laying have been furnished.	:	Yes.
III.	Does the site plan show in full.	:	Yes.
a	The National Highway boundary line with distance from center line of the road marked at salient points where the width is changing and also at 100m intervals.	:	Yes.
b	The berm line and distance from centerline at 100m, intervals and also at salient points of change of width of National Highway land.	:	Yes.
c	Center line of pavement of pavement edge.	:	Yes.
d	Medians, if any marked to scale.	:	Yes.
e	The location of the utility line of proposal with Site chain ages showing exact location and distance.	:	Marked.
f	The existing culvert / drainage works with Site chain ages showing exact location and distance.	:	Marked.

  
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**Perundurai - 638052.**

ii. a	Purpose of proposal in details.	:	Providing UG 712 MM Ø MS water pipe line & 63 & 160 MM Ø HDPE water pipe line.
b	Exact location of the proposal.	:	Along the road from K.M. 94/925 to 95/730 (LHS), K.M. 95/730 to 96/475 (LHS) & K.M. 95/730 to 97/435 (RHS) of Salem – Cochin Road Section (NH-544)
c	Whether the applicant is a private agency / Public sector / Local body / Government Department	:	Government Department, The Executive Engineer, PWD, Water Resources Department, Special Project Division, Perundurai.
d	Any time schedule fixed for the completion of the proposed made.	:	As early as possible.
e	Why reason the proposed could not accommodated outside the NH Road Land.	:	Not feasible to land surrounds By private lands.
f	Whether any other location other than this is Not possible, if so the reasons they're for.	:	No other location is possible.
g	Whether any other location other than this is would be difficult or costly.	:	Not possible.
h	Whether this proposal when implemented will affect the design stability and traffic safety of Highway.	:	No.
i	Whether this proposal if implemented now will affect any likely future improvement such as improvements to geometric.	:	No.
j	Is there any proposal for improvement in this sketch or likely to be sanctioned in near future and whether they will be affected by this proposal.	:	No.

  
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### IMPORTANT RULES

1. The pipe lines should not be laid longitudinally for considerable length along NH.
2. The crossing of pipe lines shall be square i.e., should be normal to NH.
3. Existing drainage structures shall not be used to carry the pipe lines across unless specially permitted by Govt. of India.
4. The pipe should be providing with a casing pipe of larger dia and with 0.25 M bedding below the casing pipe, if laid across the road.

The above mentioned rules have been noted for guidance.

  
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**SPECIAL ANNEXURE II TO ACCOMPANY ANY PROPOSALS SUCH AS LAYING OF  
UTILITY SERVICES LIKE PIPE LINES, UNDER GROUND PIPE LINE ALONG AND  
ACROSS NH**

**A.LAYING UTILITY LINE ALONG NATIONAL HIGHWAYS:**

1	Whether the utility line as close to the extreme edge of the right of way as possible? If not the detailed reasons for exceptions.	:	Shown in plan.
2	Whether the utility line is 15 m away from the C/L of the nearest line carriage way? If not the reasons there for (Distances should be clearly noted) at the salient points and at close intervals.	:	Shown in plan.
3	Does the proposal cover the area where the road formation is in double cutting.	:	No.
4	Does the proposal run over existing culverts and bridges at any place, if yes give reason why it can't be avoided.	:	No.
5	Will this proposal interfere with Mtce., of NH at any time by the execution if permitted.	:	No.
6	Whether the C/S of the utility line as it runs along with NH is given in the Drawing?	:	Yes.
a	Whether the top of the pipe line lie at least 0.6m below GL.	:	Yes.
b	Will it obstruct the drainage of the road land.	:	No.
7	Is this a proposal to lay or electric cable carrying HT line?	:	No.
a	If so, the necessary certificate by the proposed that it will not have any deleterious effect on any of the bridge Components and road way safety for traffic.	:	Nil


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*21/9/20*  
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**B LAYING OF UTILITY LINE ACROSS NH:**

1	Chain age at which it crosses the NH.	:	Nil
2	Does the proposal cross the NH on a line normal to it? The reason there for any why it can't be takes Normal to road.	:	Yes ,
3	If the proposal for irrigation purpose? If so the concurrence of the revenue Dept. has been enclosed.	:	Nil
4	Whether there is any structure existing within 15 m from the crossing? if so, the details of such structure.	:	Nil
5	The reasons why the crossing can't be shifted to more than 15 m from the existing structures.	:	Nil

**C CONDUCTOR CASING PIPES:**

1	Does it pass through special conductors or other structures built for this purpose	:	Nil.
2	Does it use any of the existing drainage structure?	:	Nil.
3	Whether the conduit pipe lines has been encased.	:	Nil
4	The details of casing pipes such as its dia , material.	:	Nil
5	Whether the ends of casing are conduit pipe are sealed from outside so that it may not act as drainage path.	:	Nil
6	Does the casing / conduit pipe extend from drain to drain in this cut or from the toe or slope to tie of slope in case, if this is full?	:	Nil
7	Whether the top of casings / conduit pipe is 1.2m below the Road level subject to the conditions that is lie at least 0.5m below the drain inverts.	:	Nil

  
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**D. METHODS OF LAYING :**

1	Will the pipe installed under road embankment by boring or Trench method? ( in case of cc roads or dense bituminous Concrete road, only boring method should be adopted).	:	Along the road- Trench method. Crossing, the road- bore method.
2	if trench method is adopted.	:	Yes.
a	Are the sides of the trench nearly vertical.	:	
b	What is the width of the trench? if it is not less than 30 cm and not more than 60 cm than outer dia of the casing pipes.	:	Yes.
c	Whether the bedding is of 30 cm thick below the pipe?	:	Yes
d	Does it consist of granular materials or other good materials so give a firm surface	:	Yes
e	Are the above details shown in the sketch	:	Yes
f	Whether the back fill shall be completed in 2 stages.	:	Yes
g	Whether the side fill shall consists of good materials and whether will it be completed to 95 of its proctor's density?	:	Yes
h	Whether the road will be restored to its original stage?	:	Yes
l	Whether all precautions will be taken during execution?	:	Yes
j	Whether the party agrees to meet the cost of restoring the road to its original position.	:	Yes

  
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**SPECIAL ANNEXURE V TO ACCOMPANY PROPOSALS FOR LAYING AND  
PROTECTION OF LOCAL PIPE LINE**

**DEPARTMENT OF NATIONAL HIGHWAYS:**

1	Does the pipe proposed lie at a distance of 0.6m from the outer edge of the embankment and also lie 4.5m carriage way.	:	Yes
2	Is the Pipe taken over taken over a culvert / bridge	:	Nil
a	Is this taken in a casing pipe through the Ducts	:	Nil
b	Is the Pipe taken underneath the Cushing by a suitable encasing or on the side of the parapet by suitably secured with the clamping arrangements.	:	Yes taken under neat the cushion.
c	Is the Pipe taken outside the parapet of culverts / Bridges	:	Nil
d	Is the Pipe proposed to be taken on the top of the road kerb Close to the inside face of the parapet by means of clamps with the specific permission of engineer.	:	Nil
3	Is there any repeater station proposed, If so the distance of 15m from the center line of the nearest way is satisfied. If not state the reasons.	:	Nil
4	Has the repeater station proposed to be around the station to the condition that the repeater station should not be less than 6m from the center line of the nearest carriage way.	:	Nil

  
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**Perundurai - 638052.**

## CERTIFICATE

Certified that

This proposal when implemented will not affect the design stability and Traffic Safety of Highway.

This proposal if implemented now will not affect any likely future improvements such as improvements to Geometric.

There is no proposal for improvements in this stretch likely to be sanctioned near future.

The proposal is in accordance with the Government of India's specifications.

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*21/9/20*

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நில வகைப்பாடு:  
Dry Abutting National Highways Type -

Search

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Search Criteria :

Zone: COIMBATORE

Sub Registrar Office: UTHUKULI

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Revenue Village: A PALLAGOUNDAMPALAYAM

Revenue District: TIRUPPUR

Revenue Taluk: UTHUKULI

Below Search results are as on 06-Sep-2020 08:09 PM

161 items found, displaying 1 to 10  
(First Prev 1 2 3 4 5 6 7 8 [next] Last)

Sr.No.	Survey/Subdivision No.	Guideline Value (T) (British Value)	Guideline Value (T) (Metric Value)	Land Classification	Effective Start Date
1	121	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
2	211	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
3	2510	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
4	1210	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
5	23105	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
6	2110A1A	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
7	2110A1B	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
8	2110A2	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
9	2310B	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017
10	2110B	2010000/ Acre	4967000/ Hectare	Dry Abutting National Highways Type - I	09-Jun-2017

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LINCENSE FEES ( Rs/Sqm/Month)							
[Utilized NH Land area X Prevailing Circle Rate of land Per Unit area/10x12]							
CHAINAGE IN KM	SIDE	LENGTH (METER S)	DIA OF THE PIPE (D)	UTILIZED NH LAND AREA ( Sq.m)	PREVAILING CIRCLE RATE OF LAND PER UNIT AREA (Rs) ( Sq.m)	LICENSE FEE	ABUTTING VILLAGE
FROM TO		(L) (Mts)	(Mts)	( Sq.m)		Rs/Sqm/Month	
ALONG THE ROAD							
94/925	95/730	LHS	805.00	0.712	573.16	496.70	2372.40
95/730	96/475	LHS	745.00	0.063	46.94	496.70	194.29
95/730	97/435	RHS	1705.00	0.160	272.80	496.70	1129.16
TOTAL VALUE (ALONG THE ROAD)			3255.00 M		892.90 Sq.m		3695.85 Rs/Sqm/Month

Note:

ALONG THE ROAD - MS Pipe of Dia 63 mm, 160 mm, 712 mm by TRENCH METHOD.  
 UTILIZED NH LAND AREA - Outer Diameter / Width of the Concerned Utility Line x Length.  
 LICENSE FEE - Utilized NH Land Area x Prevailing circle Rate of land per unit area / (10x12)

**TOTAL LINCENSE FEES (Rs/Sqm/5 years)**

Total Value (Along the Road)	=	3695.85 (Rs/Sqm/Month)
Total License fees for Utility (Rs/Month)	=	Rs. 3695-85
License fees for Public Utilities at 33%	=	3695-85 x 33% = 1219.63 (or) 1220.00
License fees for Public Utilities (Per Month)	=	Rs. 1220-00
License fees for Public Utilities (Per 5 Years)	=	(5 x 12) x 1220 = 73,200 - 00
License fees for 5 Years	=	Rs. 73,200-00

(RUPEES SEVENTY THREE THOUSAND TWO HUNDRED ONLY)

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CALCULATIONS REG.THE AMOUNT FOR SECURITY @ Rs. 250/ METER AND Rs.1 LAKH / CROSSING							
CHAINAGE IN K.M.		SIDE	DIA OF THE PIPE (Mts)	LENGTH (M)	Rs.100/250/ Meter (Rs)	Rs,1 Lakh/ Crossing	AMOUNT (Rs)
<b>ALONG THE ROAD</b>							
94/925	95/730	LHS	0.712	805.00	2,01,250	NA	2,01,250
95/730	96/475	LHS	0.063	745.00	74,500	NA	74,500
95/730	97/435	RHS	0.160	1705.00	1,70,500	NA	1,70,500
<b>TOTAL VALUE (ALONG THE ROAD)</b>				<b>3255.00 M</b>	<b>Rs.4,46,250</b>		<b>Rs.4,46,250</b>
<b>GRAND TOTAL</b>				<b>3255.00 M</b>			<b>Rs.4,46,250</b>
<b>(RUPEES FOUR LAKHS FORTY SIX THOUSAND AND TWO HUNDRED FIFTY ONLY)</b>							

**Note:**

ALONG THE ROAD - MS Pipe of Dia 63 mm, 160 mm, 712 mm by TRENCH METHOD.

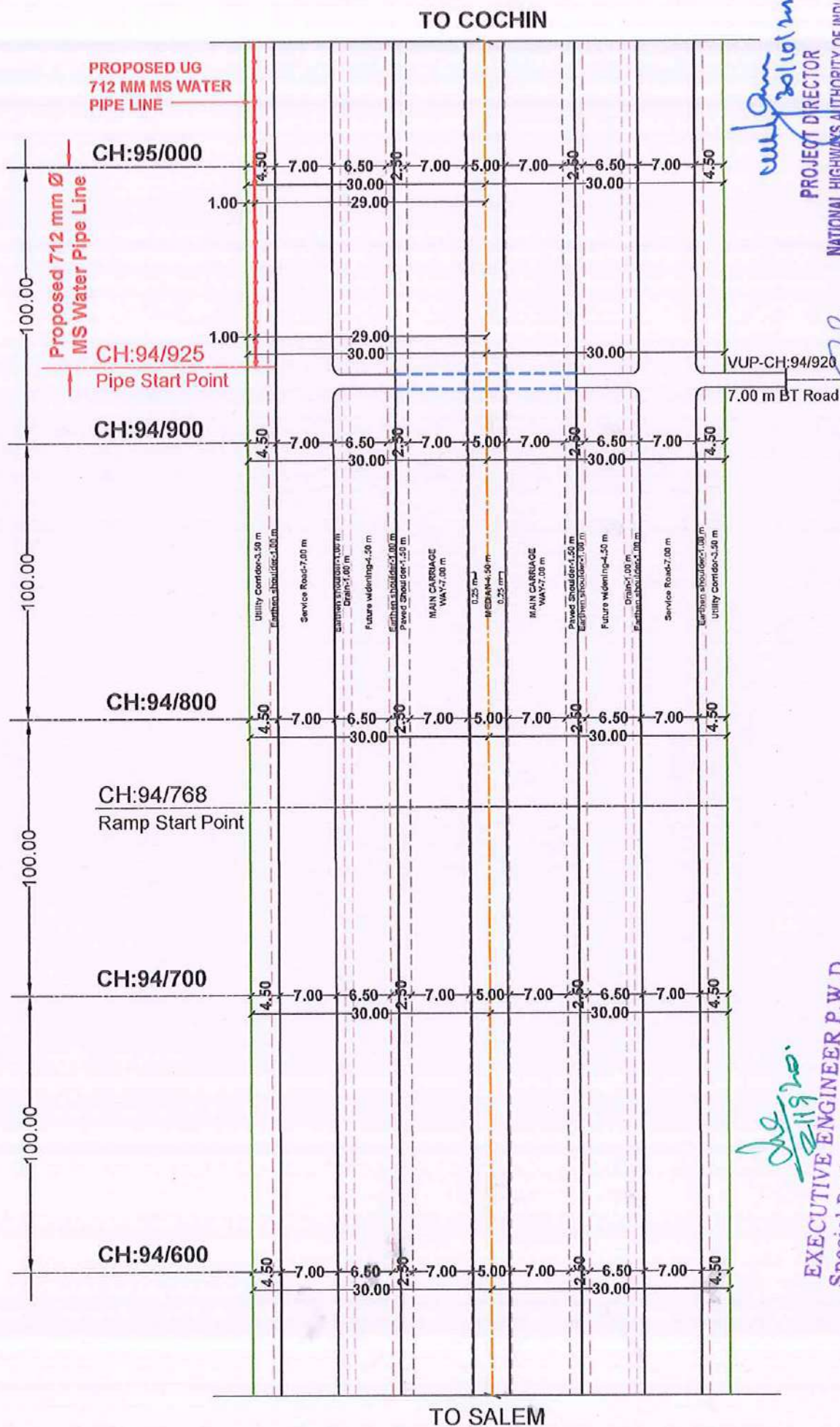
  
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**PROPOSED LAYING OF UNDER GROUND WATER PIPE LINE ALONG THE ROAD FROM  
712 MM Ø - K.M. 94/925 TO 95/730 (LHS), 63 MM Ø - K.M. 95/730 TO 96/475 (LHS) &  
160 MM Ø - K.M. 95/730 TO 97/435 (RHS) OF SALEM – COCHIN ROAD-NH-544**

S.NO	CHAINAGE	MEDIAN (in mts)	PAVED SHOULDER FROM C/L ROAD (in mts)		SERVICE ROAD BT FROM C/L ROAD (in Mts)		BOUNDARY FROM C/L ROAD (in Mts)		C/C TO PROPOSED PIPE LINE (in Mts)		REMARKS
			LHS	RHS	LHS	RHS	LHS	RHS	LHS	RHS	
01	94/600 To 94/900	5.00	11.00	11.00	25.50	25.50	30.00	30.00	----	----	No Pipe Line
03	94/925	5.00	11.00	11.00	25.50	25.50	30.00	30.00	29.00	----	LHS-Pipe Line
04	95/000 To 95/700	5.00	11.00	11.00	25.50	25.50	30.00	30.00	29.00	----	LHS-Pipe Line
05	95/730	5.00	11.00	11.00	25.50	25.50	30.00	30.00	29.00	29.00	LHS & RHS Pipe Line
06	95/800 To 96/400	5.00	11.00	11.00	25.50	25.50	30.00	30.00	29.00	29.00	LHS & RHS Pipe Line
07	96/475	5.00	11.00	11.00	25.50	25.50	30.00	30.00	29.00	29.00	LHS & RHS Pipe Line
08	96/500 To 96/900	5.00	11.00	11.00	25.50	25.50	30.00	30.00	----	29.00	RHS Pipe Line
09	97/000 To 97/400	5.00	11.00	11.00	25.50	25.50	30.00	30.00	----	29.00	RHS Pipe Line
10	97/435	5.00	11.00	11.00	25.50	25.50	30.00	30.00	----	29.00	RHS Pipe Line
11	97/600 To 97/800	5.00	11.00	11.00	25.50	25.50	30.00	30.00	----	----	No Pipe Line

*Signature*

EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.



*Handwritten signature*  
PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
NH-544

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EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

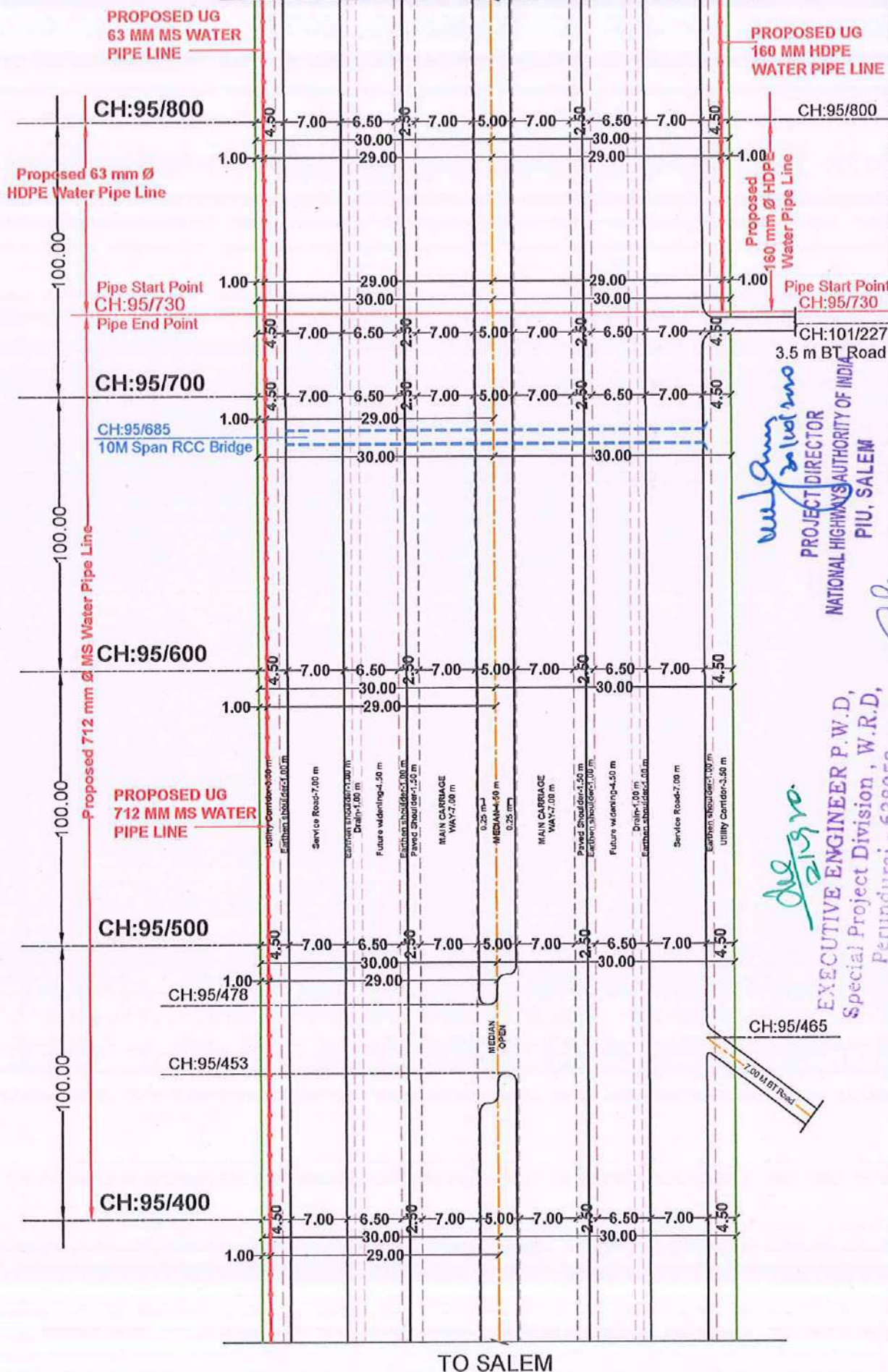
PROPOSED LAYING OF WATER PIPE LINE  
ALONG THE EXTREME END OF NH  
BOUNDARY BETWEEN CH.94/925 TO 95/730  
(LHS), CH.95/730 TO 96/475 (LHS) &  
CH.95/730 TO 97/435 (RHS) OF SALEM -  
COCHIN ROAD NH-544.

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	01 / 17
Y - 1:2000	

LEGEND:	PROPOSED UG PIPE LINE
	CULVERT / BRIDGE
NH BOUNDARY LINE	BLACK TOP
	BERM
	CENTER LINE OF ROAD



TO COCHIN



*Project Director*  
**PROJECT DIRECTOR**  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
**PIU, SALEM**

*Executive Engineer*  
**EXECUTIVE ENGINEER P.W.D.**  
 Special Project Division, W.R.D.,  
 Perundurai - 638052

PROPOSED LAYING OF WATER PIPE LINE  
 ALONG THE EXTREME END OF NH  
 BOUNDARY BETWEEN CH.94/925 TO 95/730  
 (LHS), CH.95/730 TO 96/475 (LHS) &  
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 COCHIN ROAD NH-544.

ALL DIMENSIONS IN 'M'

SHEET NO

SCALE

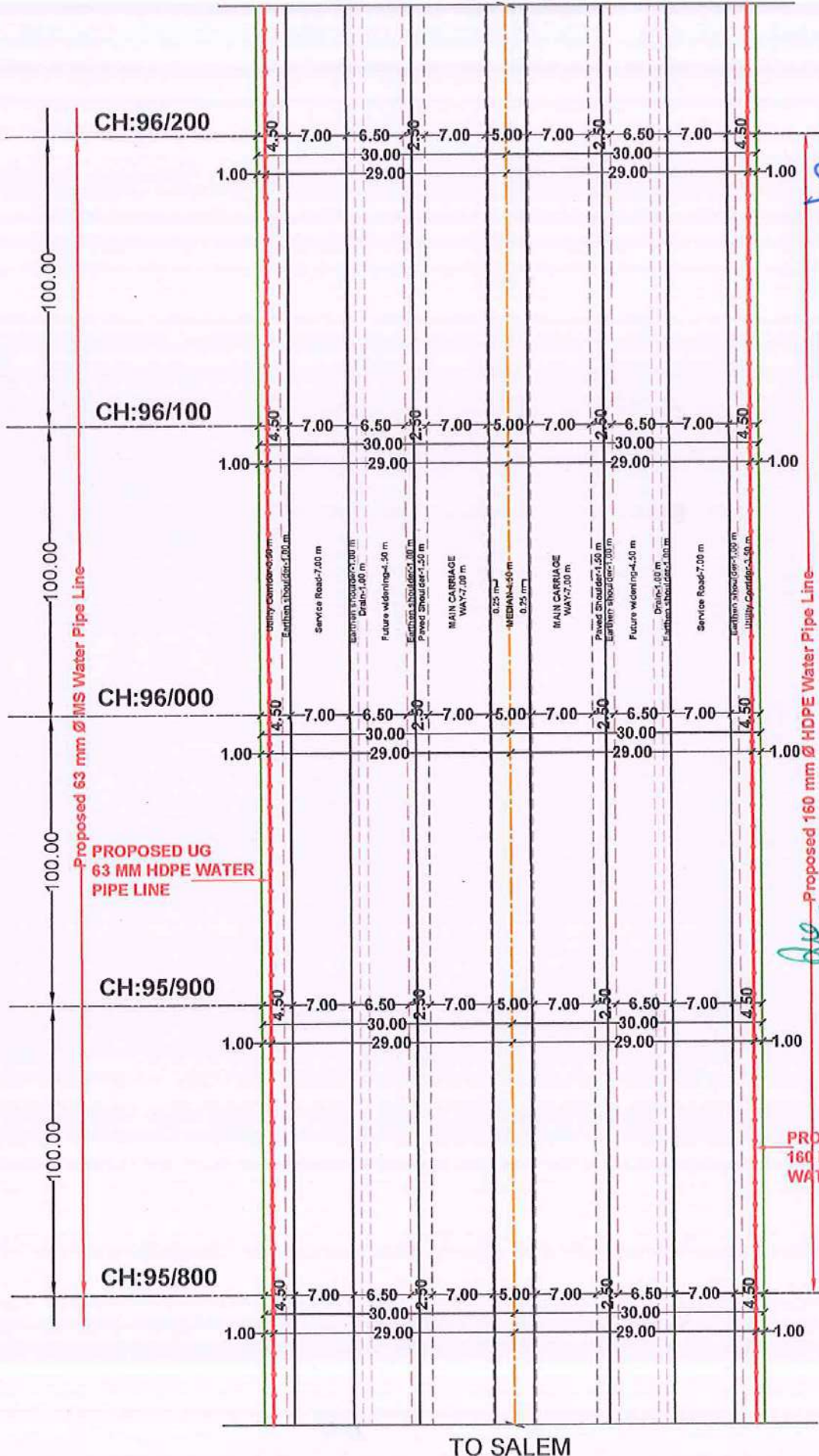
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Y - 1:2000

**PROPOSED UG PIPE LINE**  
**CULVERT / BRIDGE**

**NH BOUNDARY LINE**  
**BLACK TOP**  
**BERM**  
**CENTER LINE OF ROAD**

TO COCHIN



TO SALEM

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PUNJ SALEM

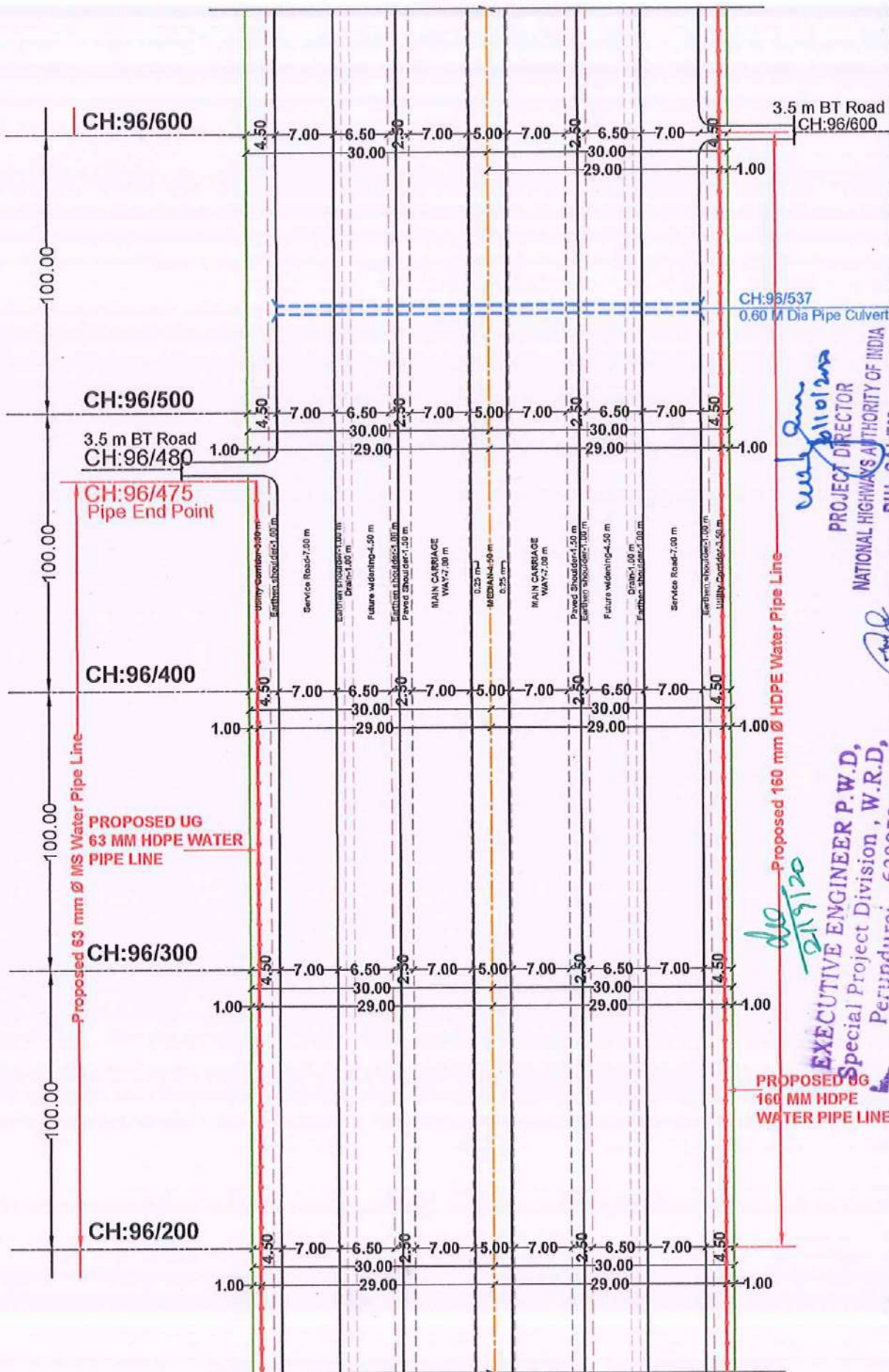
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

PROPOSED LAYING OF WATER PIPE LINE  
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BOUNDARY BETWEEN CH.94/925 TO 95/730  
(LHS), CH.95/730 TO 96/475 (LHS) &  
CH.95/730 TO 97/435 (RHS) OF SALEM -  
COCHIN ROAD NH-544.

ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	04 / 17
Y - 1:2000	

LEGEND:	PROPOSED UG PIPE LINE
	CULVERT / BRIDGE
NH BOUNDARY LINE	
	BLACK TOP
	BERM
CENTER LINE OF ROAD	

TO COCHIN



PROPOSED LAYING OF WATER PIPE LINE  
ALONG THE EXTREME END OF NH  
BOUNDARY BETWEEN CH.94/925 TO 95/730  
(LHS), CH.95/730 TO 96/475 (LHS) &  
CH.95/730 TO 97/435 (RHS) OF SALEM -  
COCHIN ROAD NH-544.

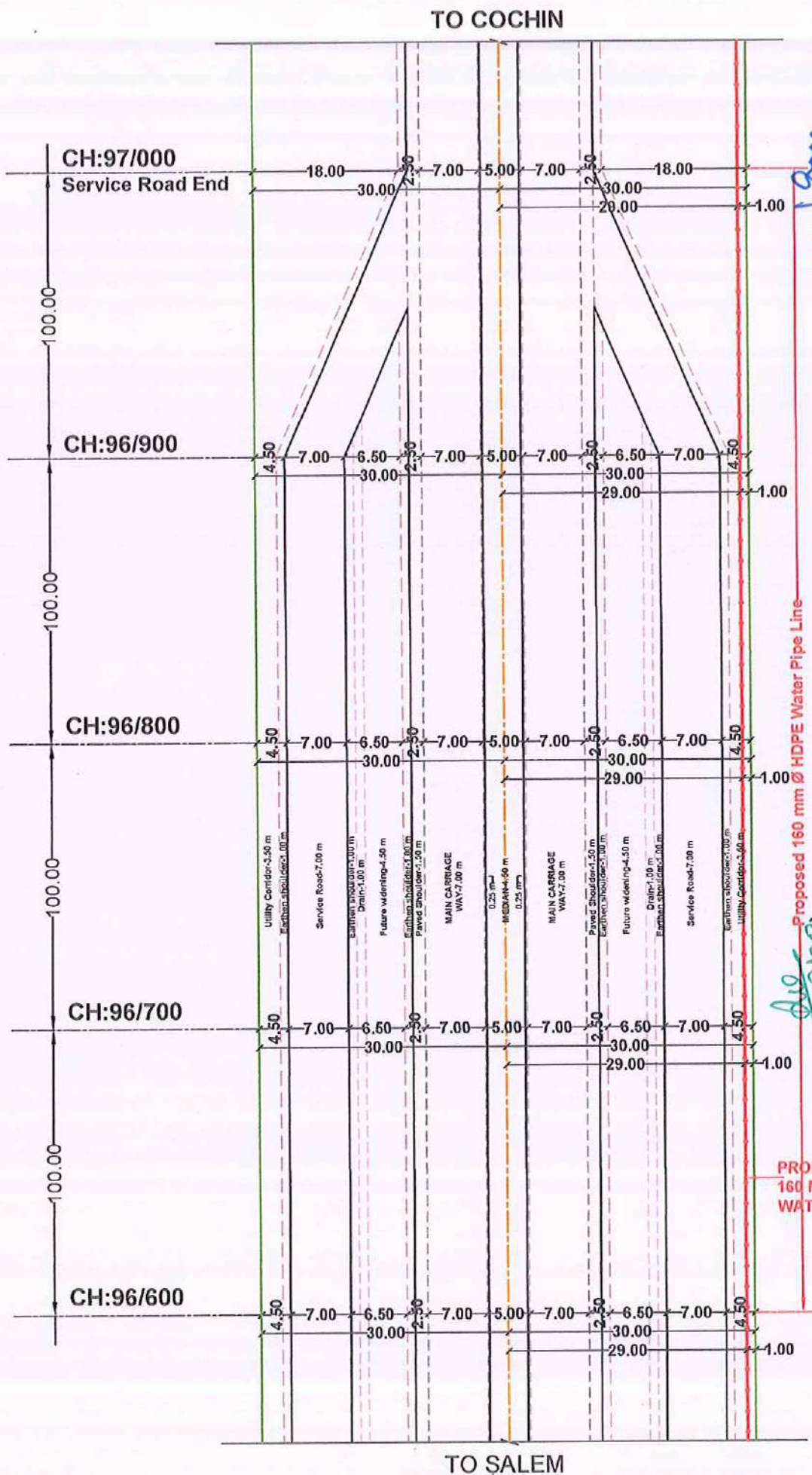
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Y - 1:2000	

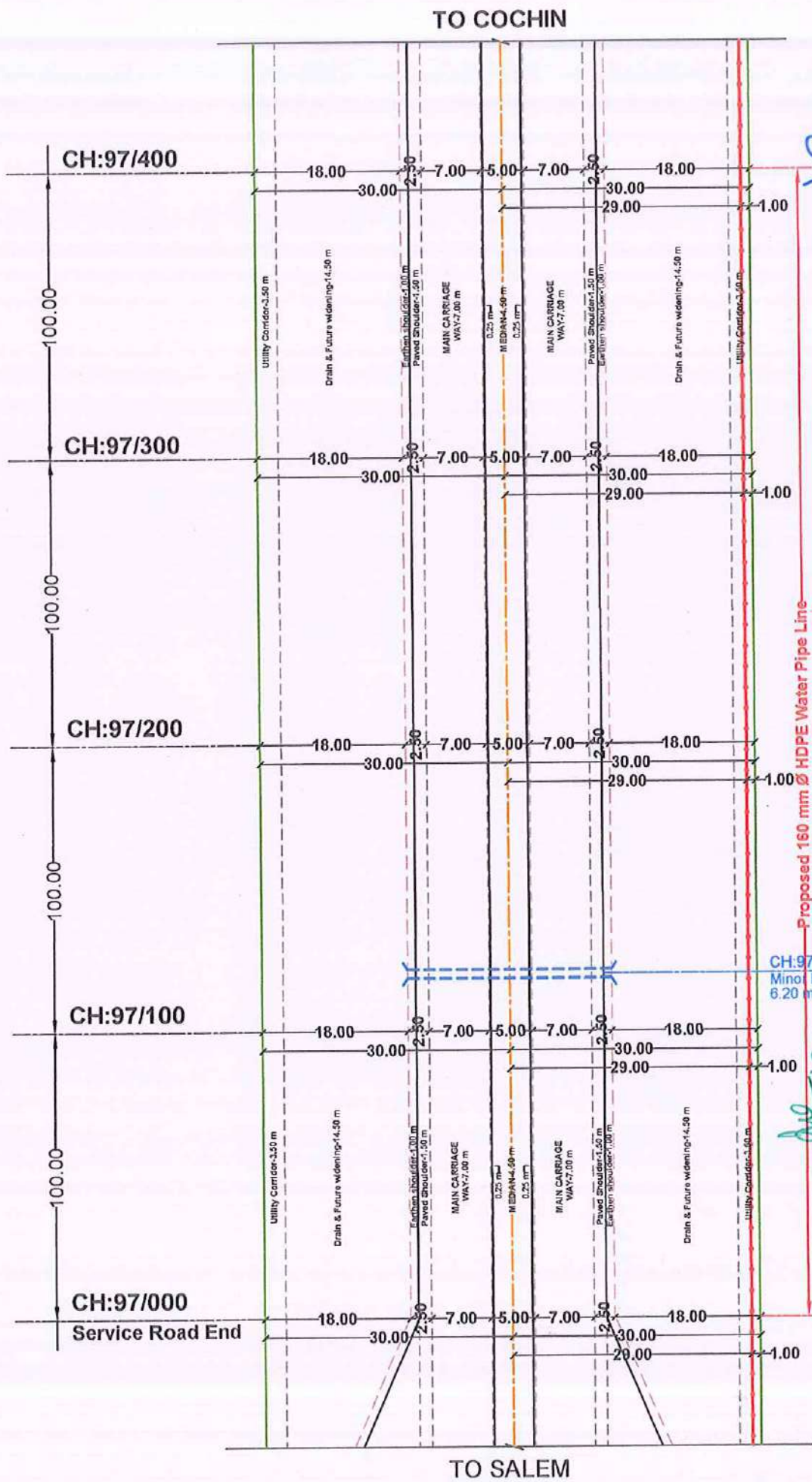
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

LEGEND:  
NH BOUNDARY LINE  
BLACK TOP  
BERM  
CENTER LINE OF ROAD  
PROPOSED UG PIPE LINE  
CULVERT / BRIDGE

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PILL SALEM

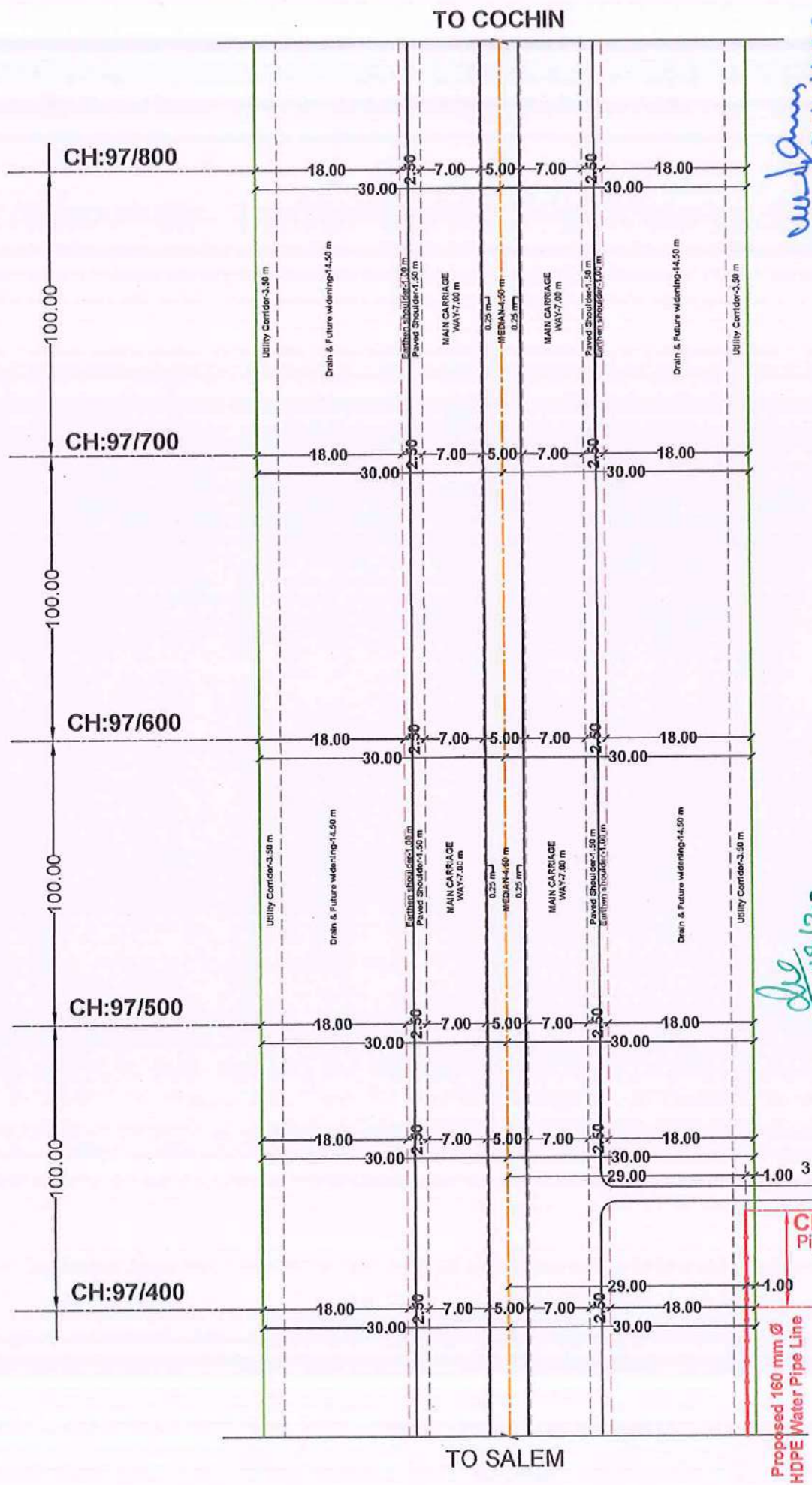
PROPOSED 160 mm HDPE Water Pipe Line  
PROPOSED UG 63 MM HDPE WATER PIPE LINE  
PROPOSED UG 160 MM HDPE WATER PIPE LINE





*Handwritten:* 20/10/2020  
**PROJECT DIRECTOR**  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
  
*Handwritten:* 21/9/20  
**EXECUTIVE ENGINEER P.W.D.**  
 Special Project Division, W.R.D.  
 Perundurai - 638052

PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS) OF SALEM - COCHIN ROAD NH-544.	
ALL DIMENSIONS IN 'M'	
SCALE	SHEET NO
X - NTS	07 / 17
Y - 1:2000	
PROPOSED UG PIPE LINE CULVERT / BRIDGE	
NH BOUNDARY LINE BLACK TOP BERM CENTER LINE OF ROAD	



*Handwritten signature*  
**PROJECT DIRECTOR**  
 NATIONAL HIGHWAYS AUTHORITY OF INDIA  
 PIU, SALEM

*Handwritten signature*  
**EXECUTIVE ENGINEER P.W.D.,**  
 Special Project Division, W.R.D.,  
 Perundurai - 638052.

PROPOSED LAYING OF WATER PIPE LINE  
 ALONG THE EXTREME END OF NH  
 BOUNDARY BETWEEN CH.94/925 TO 95/730  
 (LHS), CH.95/730 TO 96/475 (LHS) &  
 CH.95/730 TO 97/435 (RHS) OF SALEM -  
 COCHIN ROAD NH-544.

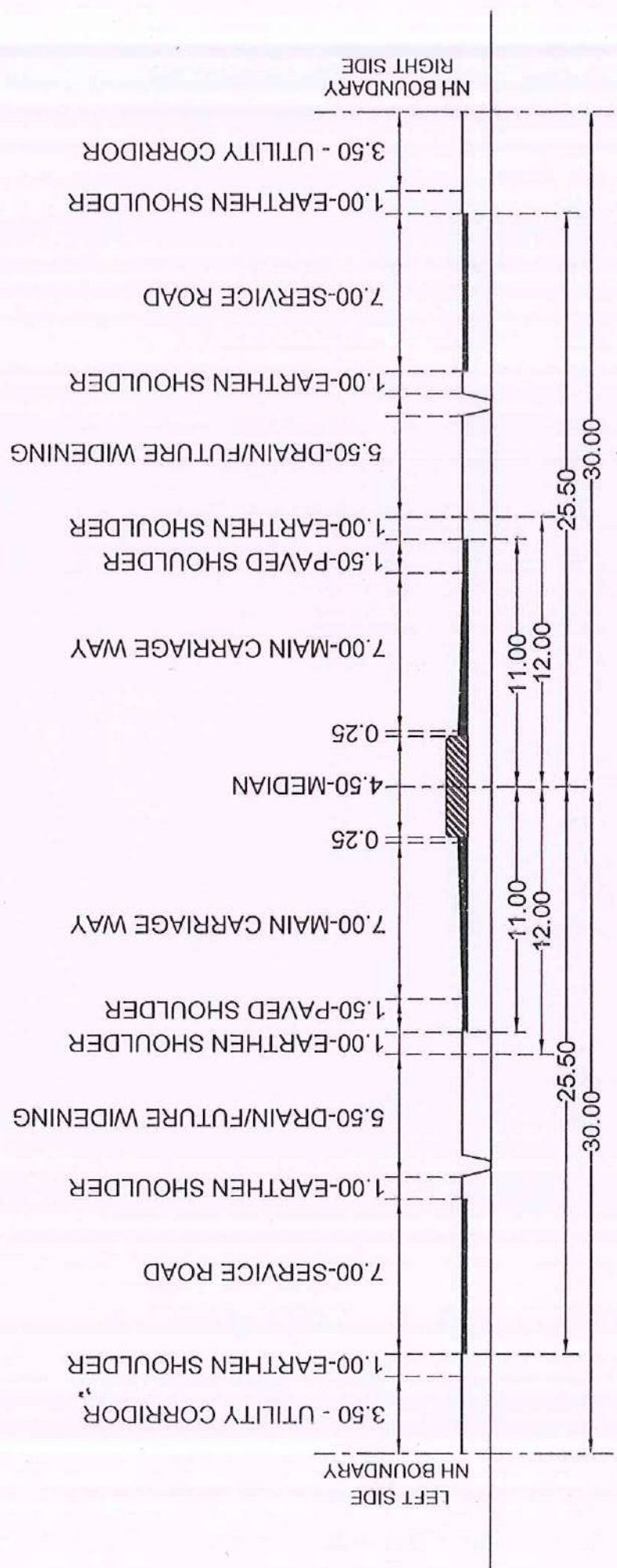
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SCALE	SHEET NO
X - NTS	08 / 17
Y - 1:2000	

PROPOSED UG PIPE LINE  
 CULVERT / BRIDGE

LEGEND:	NH BOUNDARY LINE
	BLACK TOP
	BERM
	CENTER LINE OF ROAD

**CH:97/435**  
 Pipe End Point

**PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY  
BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS)  
OF SALEM - COCHIN ROAD NH-544**



**CH:94/600 & 94/900 - ( NO WATER PIPE LINE)**

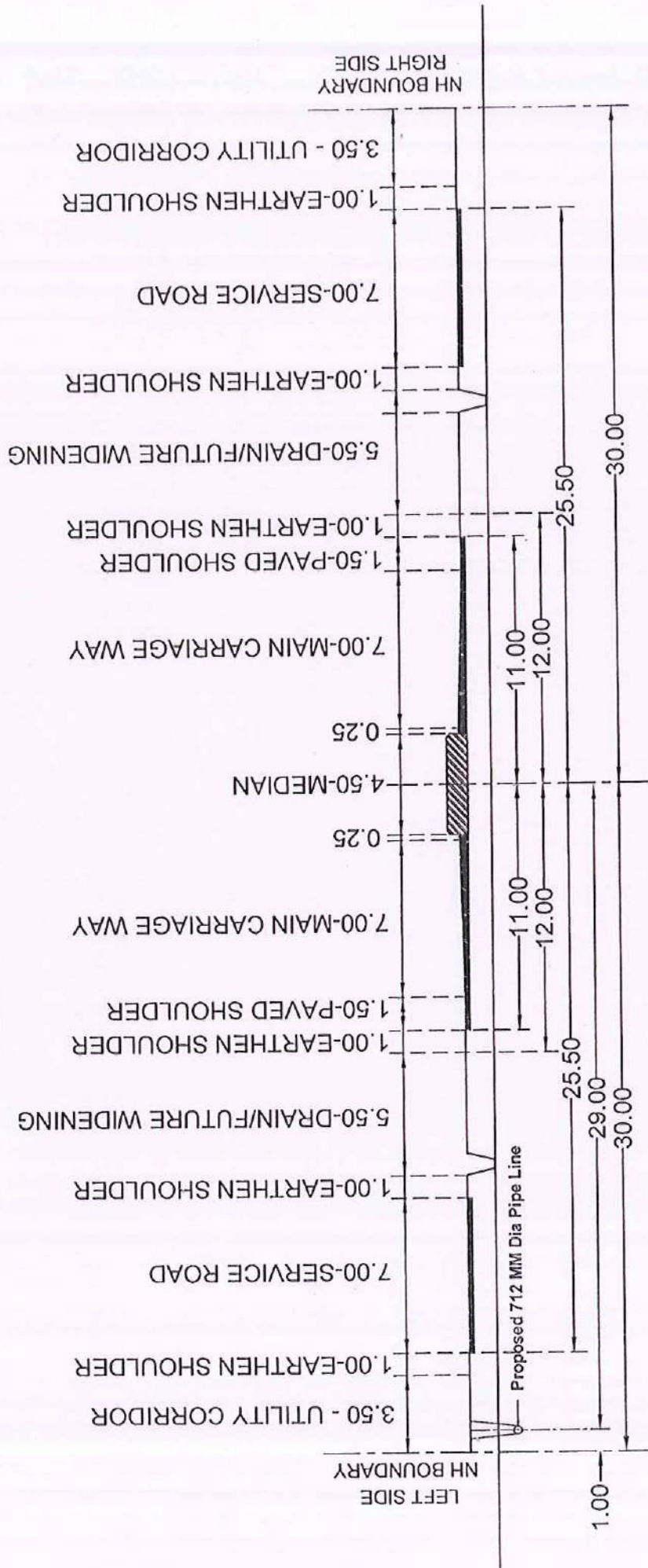
**ROAD CROSS SECTION**

*Signature*  
30/10/2012

**PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM**

*Signature*  
21/10/12  
**EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.**

**PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY  
BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS)  
OF SALEM - COCHIN ROAD NH-544**



**CH:94/925, 95/000 TO 95/700, 95/730 - (LHS - WATER PIPE LINE)**

**ROAD CROSS SECTION**

*W. J. Ann*  
20/10/2022

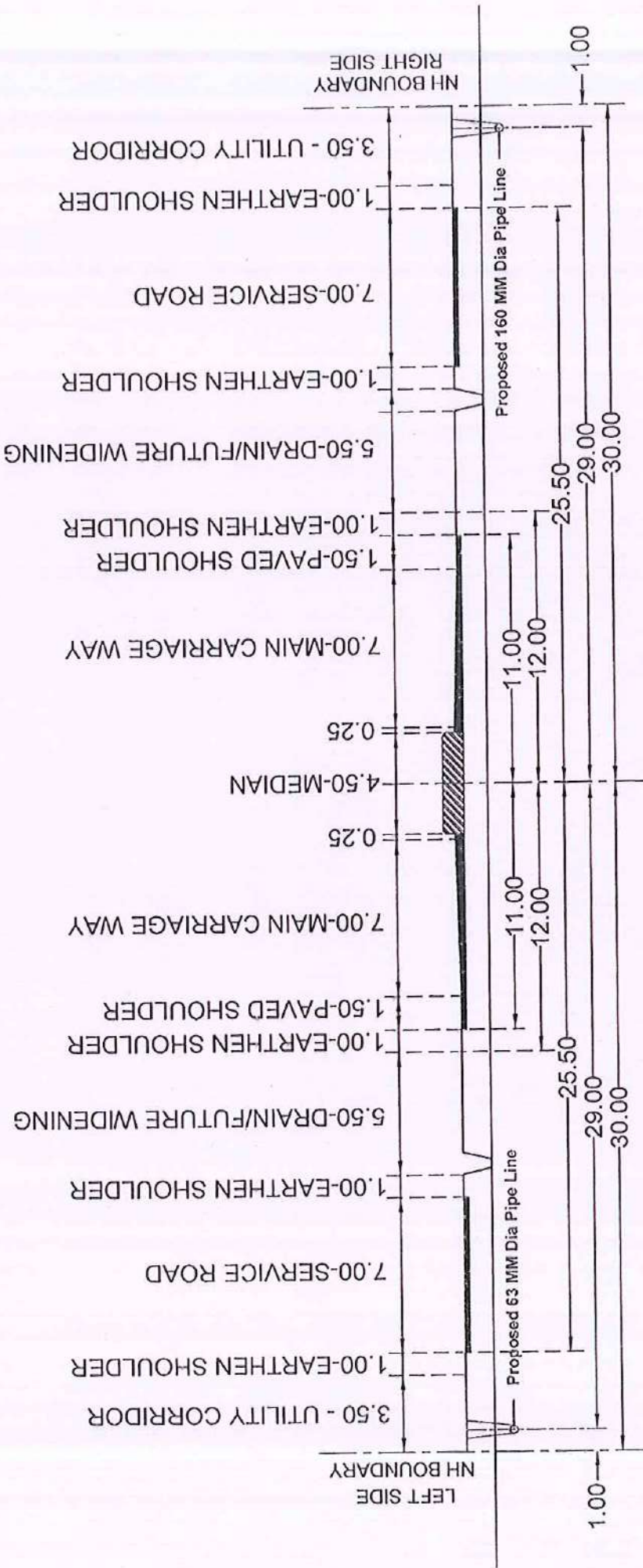
**PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM**

*20/10/2022*

*do*  
21/9/20

**EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.**

PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY



CH-95/800 TO 96/400 - (LHS &amp; RHS - WATER PIPE LINE)

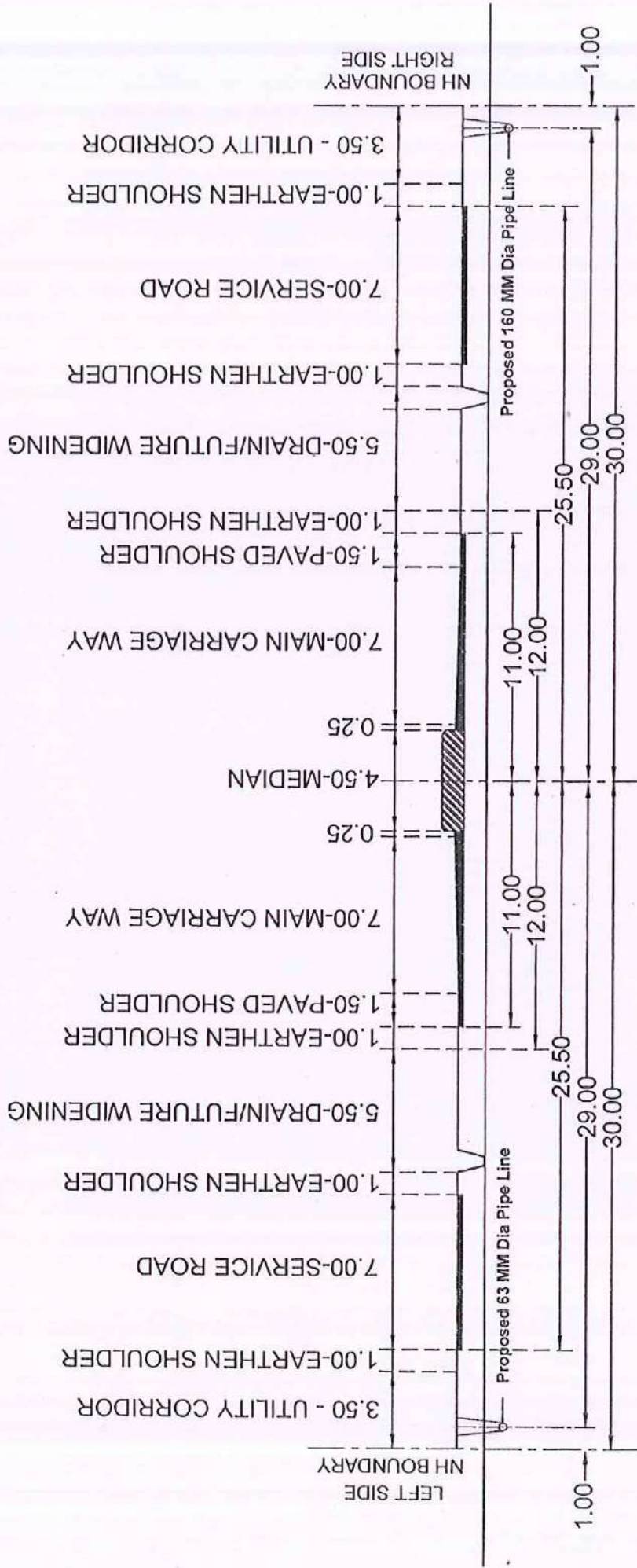
## ROAD CROSS SECTION

EXECUTIVE ENGINEER P.W.D,  
Special Project Division, W.R.D.,  
Perundurai - 638052

**PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU, SALEM**

SHEET NO : 11 / 17

**PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY  
BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS)  
OF SALEM - COCHIN ROAD NH-544**



**CH:96/475 (LHS-END PIPE LINE), 96/475 - (RHS-PIPE LINE)**

**ROAD CROSS SECTION**

*20/9/20*

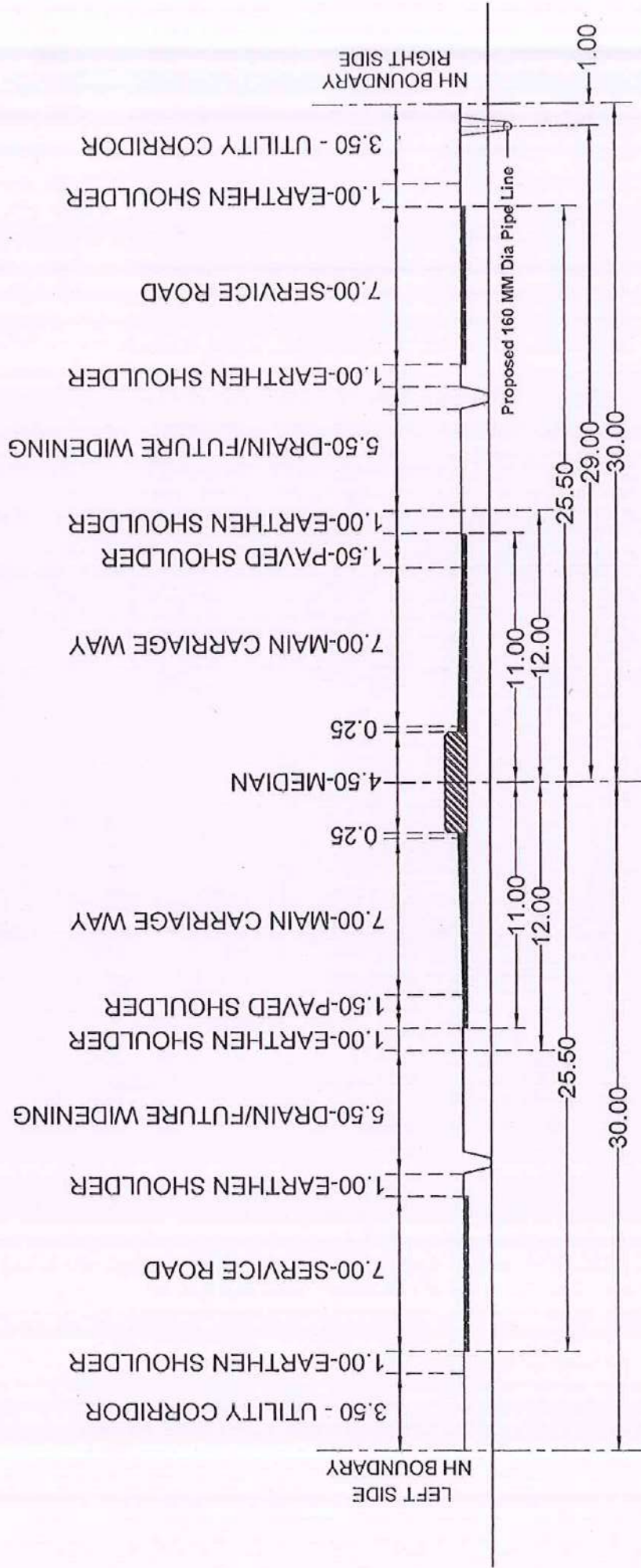
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

*W. J. S.*

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM

*20/9/20*

**PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY  
BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS)  
OF SALEM - COCHIN ROAD NH-544**



**CH: 96/500 TO 96/900 - (RHS-PIPE LINE)**

**ROAD CROSS SECTION**

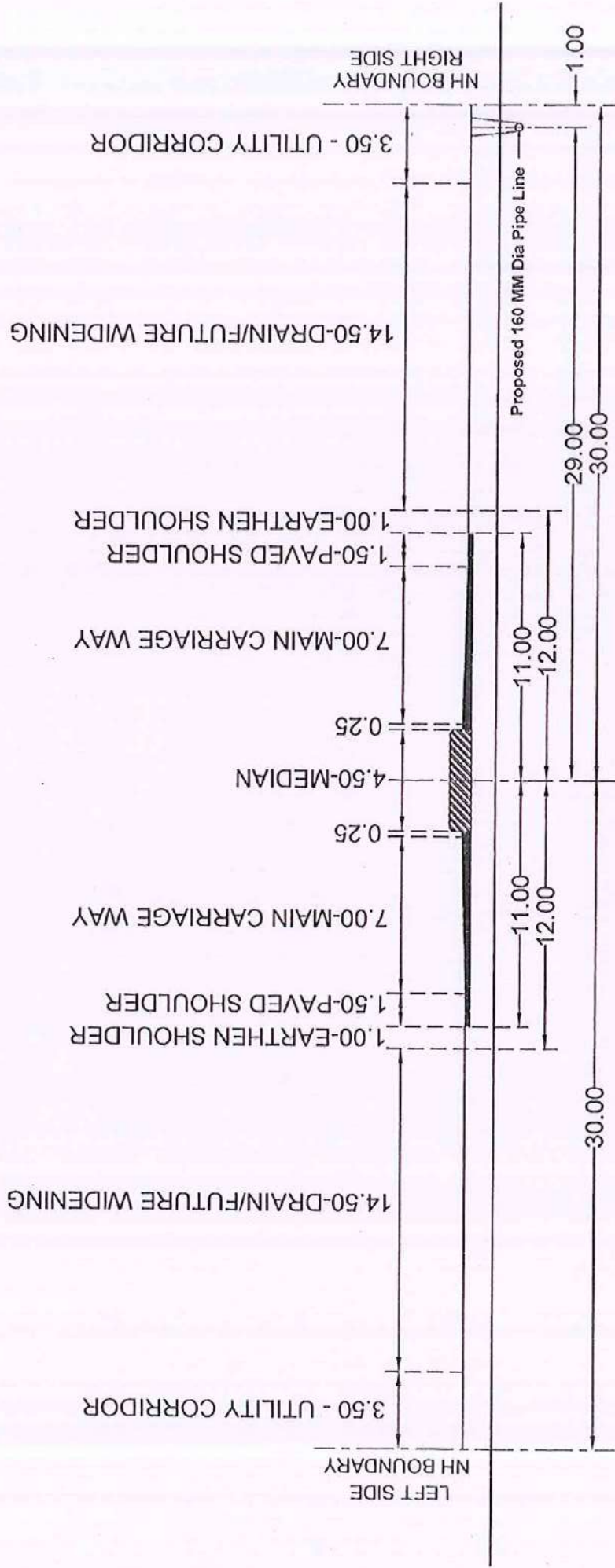
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20/10/2020

**PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM**

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21/10/2020  
**EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.**

PROPOSED LAYING OF UNDERGROUND WATER PIPE LINE ACROSS ROAD AT CH.95/730 OF

SALEM - COCHIN ROAD (NH-544)



CH:97/000 TO 97/435 (RHS - WATER PIPE LINE)

ROAD CROSS SECTION

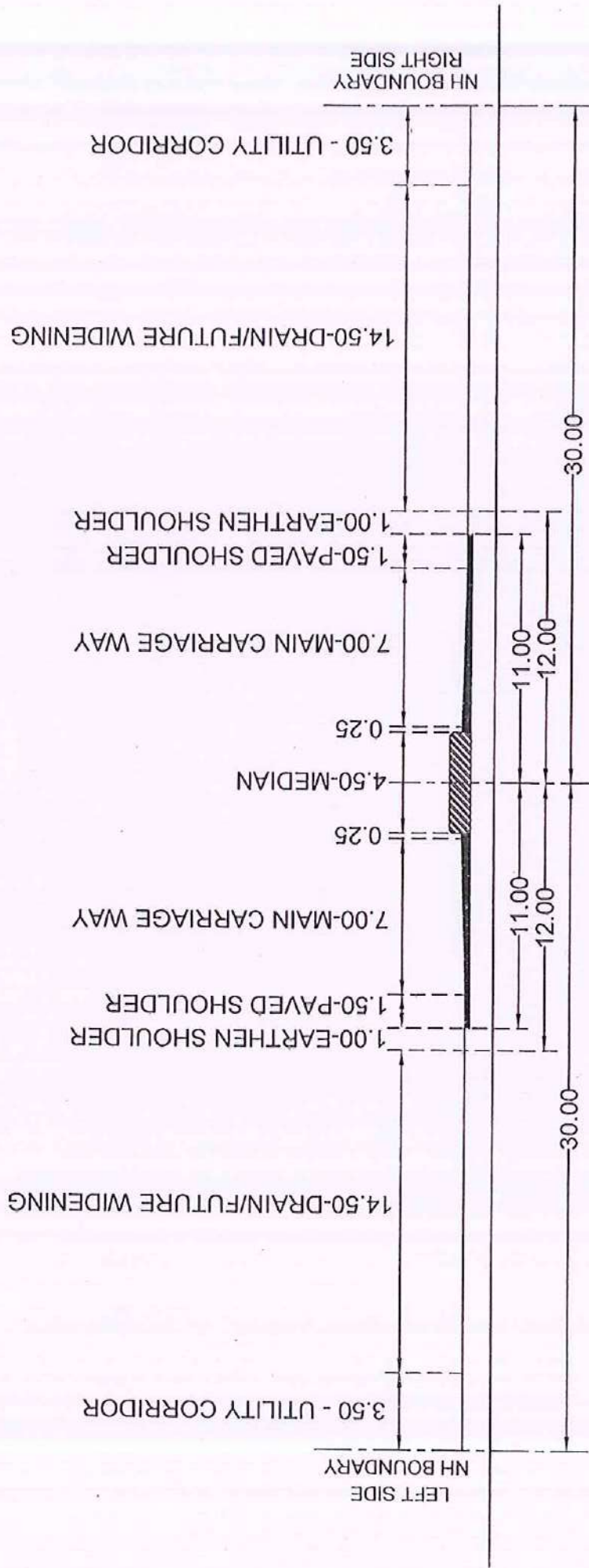
*W. J. S.*  
30/10/2022

PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM

*W. J. S.*  
30/10/2022

EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

**PROPOSED LAYING OF UNDERGROUND WATER PIPE LINE ACROSS ROAD AT CH.95/730 OF  
SALEM - COCHIN ROAD (NH-544)**



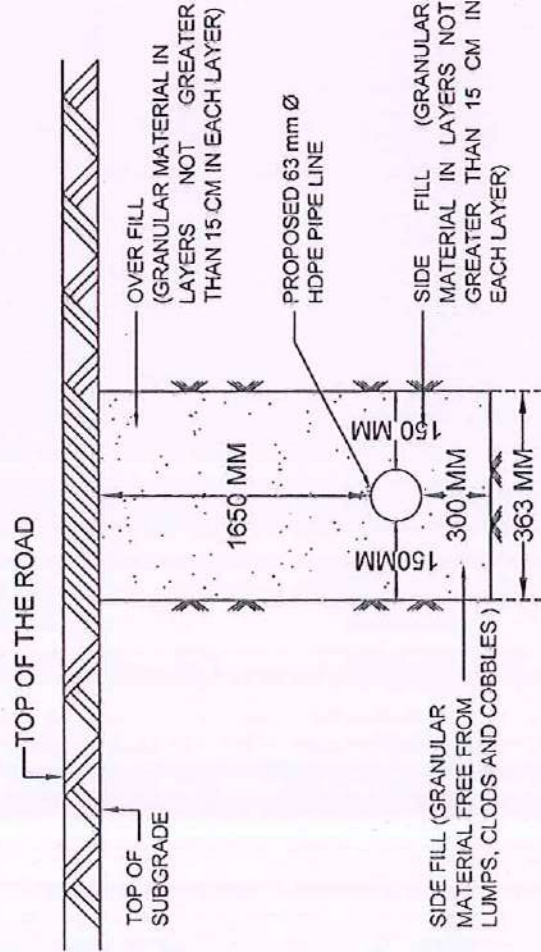
**CH:97/500 TO 97/800 (NO - WATER PIPE LINE)**

**ROAD CROSS SECTION**

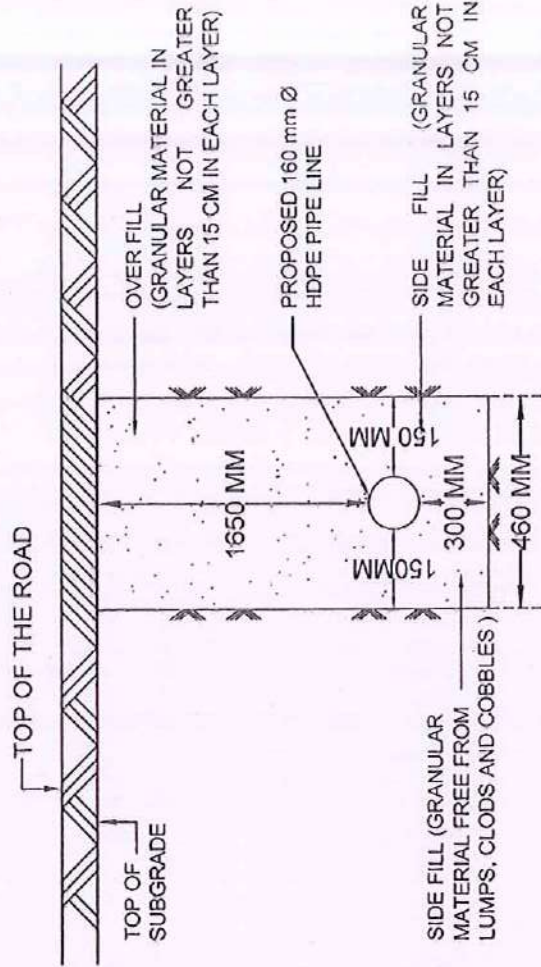
*21/9/20*  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

*21/9/20*  
PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU, SALEM

# PROPOSED 63 mm Ø HDPE PIPE LINE



# PROPOSED 160 mm Ø HDPE MS PIPE LINE



ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

## CROSS SECTION

*[Signature]*  
PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PILU, SALEM

*[Signature]*  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

## TITLE:

FIGURE : INSTALLATION OF WATER PIPE LINE FOR ALONG THE ROAD (TRENCH METHOD) PLACE WHERE THE DISTANCE FROM THE CARRIAGE. LEVEL OF CARRIAGE WAY IS LESS THAN 15.00 M

PROPOSED LAYING OF WATER PIPE LINE ALONG THE EXTREME END OF NH BOUNDARY BETWEEN CH.94/925 TO 95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435 (RHS) OF SALEM - COCHIN ROAD NH-544.

SHEET NO : 16 / 17

The diagram illustrates the cross-section of a road and the proposed MS pipe line. The road surface is shown on the left, with the 'TOP OF THE ROAD' indicated. Below the road surface is the 'TOP OF SUBGRADE'. The proposed MS pipe line is a circle with a diameter of 712 mm, located 1650 mm below the top of the subgrade. The pipe is surrounded by granular material. The 'OVER FILL' layer is 150 mm thick above the pipe. The 'SIDE FILL' layer is 1012 mm thick below the pipe. The granular material is specified as 'GRANULAR MATERIAL IN LAYERS NOT GREATER THAN 15 CM IN EACH LAYER'. The 'SIDE FILL' is also specified as 'SIDE FILL (GRANULAR MATERIAL FREE FROM LUMPS, CLODS AND COBBLES)'. The 'PROPOSED 712 mm Ø MS PIPE LINE' is labeled with a line pointing to the pipe.

ENCLOSURE TO MINISTRY OF ROAD TRANSPORT & HIGHWAYS LETTER NO.

RW/NH-33044/29/2015/S&R(R)(Pt).DATED.22.11.2016

EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai- 638052

## CROSS SECTION

TITLE:

**FIGURE : INSTALLATION OF WATER PIPE LINE FOR ALONG THE ROAD (TRENCH METHOD) PLACE WHERE THE DISTANCE FROM THE CARRIAGE LEVEL OF CARRIAGE WAY IS LESS THAN 15.00 M**

PROPOSED LAYING OF WATER PIPE ALONG THE  
EXTREME END OF NH BOUNDARY BETWEEN CH.94/925 TO  
95/730 (LHS), CH.95/730 TO 96/475 (LHS) & CH.95/730 TO 97/435  
(RHS) OF SALEM - COCHIN ROAD NH-544.

SHEET NO : 17 / 17



தமிழ்நாடு தமில்நாடு TAMIL NADU 79AB 297249  
10-09-2020 Executive Engineer PWD

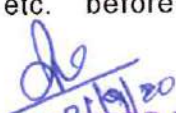
R. GOPALAKRISHNAN  
STAMP VENDOR  
Door No : 24, K.V.K. Building,  
GOPALAPURAM 3rd STREET,  
COIMBATORE - 641 013.  
L. No. : 12096 / B-2010 / 6

### UNDERTAKING

We, EXECUTIVE ENGINEER (PWD), Water Resources Department, Special Project Division, Perundurai, laying of underground water pipe line along the road 712 MM Ø MS water pipe line from K.M. 94/925 to 95/730 (LHS), 63 MM Ø HDPE water pipe line from K.M. 95/730 to 96/475 (LHS) & 160 MM Ø HDPE water pipe line from K.M. 95/730 to 97/435 (RHS) of Salem – Cochin Road Section (NH-544) in the state of Tamil Nadu.

We here by undertake the standard conditions of NHAI guidelines:

1. Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency regarding the location of other cables, underground installation/utilities etc. Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall be responsible to ascertain from the respective agency in coordination with NHAI. Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall be ensured the safety and security of already existing cables, underground installation/utilities, facilities etc. before commencement of the excavation.

  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

2. Renewal of Bank Guarantee: Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall furnish a bank guarantee @ Rs 250/- per running meter to the NHAI, for period of one year initially ensuring/making with a validity of one year init making good excavated trench initially as a security laying of cables least 15m away from the edge of the right of way. No payment shall be payable by NHAI to Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai for clearing loose/debris earth produced due to execution of trenching. In case of the work contemplated herein is not completed to the satisfaction of NHAI the authority which has granted the permission with in a period of 11 months from the date of issue of bank guarantee the period of one year. Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai failing discharge obligation making good of the excavated trench restoration work, the authority shall have a right to make a good damages caused by excavation the cost of the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai recover the amount by the bank guarantee.

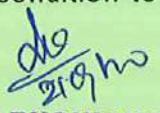
3. Confirming all standard conditions of NHAI:

- i. The Pipe Line shall be laid at the edge of the right of way within 2m utility corridors.
- ii. The top of the casing/conduit pipe containing the Pipe Line shall be at least 1.65m below the surface of the road subject to being at least 0.3m below the drain inverts.
- iii. The licensee has to cross the NH by horizontal drilling method (trenchless technology only) in case any damage is caused to the road pavement in this process, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai will be required to restore the same to the original condition at his own-cost.
- iv. Existing CD works shall not be allowed for laying the Pipe Line and shall be crossed by HDD method only.
- v. No trenching will be done on link road, boring method will be used in link road and Pipe Line will be laid at the extreme edge of the road in the non-BT surface only.
- vi. The licensee shall inform/ give a notice to the NHAI, Govt of India or. its authorized agency at least 15 day in advance with route details prior to digging trenches for fresh maintenance/repair the works. A separate performance bank guarantee@ Rs 250/- per meter length repair works to furnished by the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai.
- vii. Each day the extent of digging the trenches should be strictly regulated so that Pipe Line are laid and trenches filled up the close the work that day. Filling should be completed to the satisfaction the concerned agency designated by the NHAI.
- viii. The licensee shall indemnify concerned agency co- ordination with NHAI against all damages & claims, if any due to the digging of trenches for laying Pipe Line/ducts.

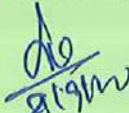
  
21/5/20

EXECUTIVE ENGINEER P.W.D.,  
Special Project Division , W.R.D.,  
Perundurai - 638052.

- ix. The NHAI has a right to terminate the permission or extend the period of agreement. In case the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai wants shifting, repairs or alteration to Pipe Line/ducts, he will have to furnish a separate bank guarantee
  - x. The licensee shall not without prior permission in writing from the NHAI Govt. of India or its authorized agency undertake any work of shifting, repairs or alternations to the said Pipe Line/ducts.
  - xi. The permission granted shall not in any way be deemed to convey to the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai any ownership right or any interest route, road, highway and property. Here in expressly granted.
  - xii. During the subsistence of this agreement, the laying of Pipe Line/ducts located in highway land/property shall be deemed to have been constructed and continued only by the consent permission of the NHAI so that the right of the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai of the use thereof shall not become absolute indefeasible by lapse of time.
  - xiii. Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall bear the stamp Duty charge on the agreement.
  - xiv. The Pipe Line shall not be brought in to use by Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai unless a completion certificate to the effect that laying of Pipe Line /ducts has been laid in accordance with approved specifications and drawings the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
  - xv. Not with standing anything NHAI contained herein this agreement may be cancelled at any time by the for breach of any condition of the same and the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall neither be entitled to any compensation for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.
  - xvi. The licensee shall have to provide safety measures like barricading, danger lighting and other necessary caution boards while executing the work. If NHAI required doing some emergent work Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai will provide an observer within 24 hours. NHAI will not be responsible for any damage of any kind by what so ever means natural or otherwise.
  - xvii. The enforceability of the right of way permission granted here in shall be restricted to the extent of provisions/ scope of service contained in license agreement of the license with department of the purpose of which is granted. Either by content or by intent, the purpose extending of the right of way facility is not to enhance the scope of Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai.
4. Shifting of Pipe Line as and when required by NHAI: Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall shift the Pipe Line /ducts within 90 days from the date of issue the notice by the NHAI, Government of India to shift/relocate the Pipe Line /ducts, 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 original condition to own cost and risk.

  
EXECUTIVE ENGINEER P.W.D,  
Special Project Division , W.R.D,  
Perundurai - 638052.

5. Shifting due to 6 lining / widening of NH: After the termination/expiry of the agreement, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai shall remove the Pipe Line /ducts within 90 days from the date of issue the notice by the concerned back to the original condition failing which the Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai 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 50m away from the edge of the right of way.
6. Traffic movement during lying of Pipe Line to be managed by the applicant: If any traffic diversion works are found necessary during the work period such diversion shall be provided at the cost of Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai.
7. If any claim is raised by the concessionaire then the same has to be paid by the applicant: Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai responsible for full compensation of concerned agency owner for any direct, indirect consequential damage caused to them replacement sought for at the cost and risk of Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai. The concerned agency in co-ordination with NHAI shall also have a right to make good damages the claims by invoking of Bank guarantee furnished by Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai. If Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai fails to comply with the condition 5 and 6 above to the satisfaction of the NHAI the same shall be got executed at the cost and risk of Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai.
8. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby do undertake furnish a performance Bank guarantee @ Rs 250 per meter for a period of one year initially (extendable if required till satisfactory completion of work) as a security against improper restoration of ground in terms of filling/unsatisfactory compaction/damages caused to other underground installation utility services & interference interruption, disruption of failure caused thereof to any services etc.
9. Not to damage other utility, if damaged, then to pay the losses either to NHAI or to the concerned agency.
10. In case of the work contemplated herein is not complete to the satisfaction of the NHAI, which has granted the permission with in a period of 11 months from the date of issue of bank guarantee the period of one year.
11. We will relocate Pipe Line /utilities at our own cost, notwithstanding the permission granted within such time as will be stipulated by NHAI "for future six-laning or any other development".
12. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby undertake that the existing avenue plantation is not effect is due to the present proposed laying of underground water pipe line along the road 712 MM Ø MS water pipe line from K.M. 94/925 to 95/730 (LHS), 63 MM Ø HDPE water pipe line from K.M. 95/730 to 96/475 (LHS) & 160 MM Ø HDPE water pipe line from K.M. 95/730 to 97/435 (RHS) of Salem – Cochin Road Section (NH-544) in the state of Tamil Nadu.

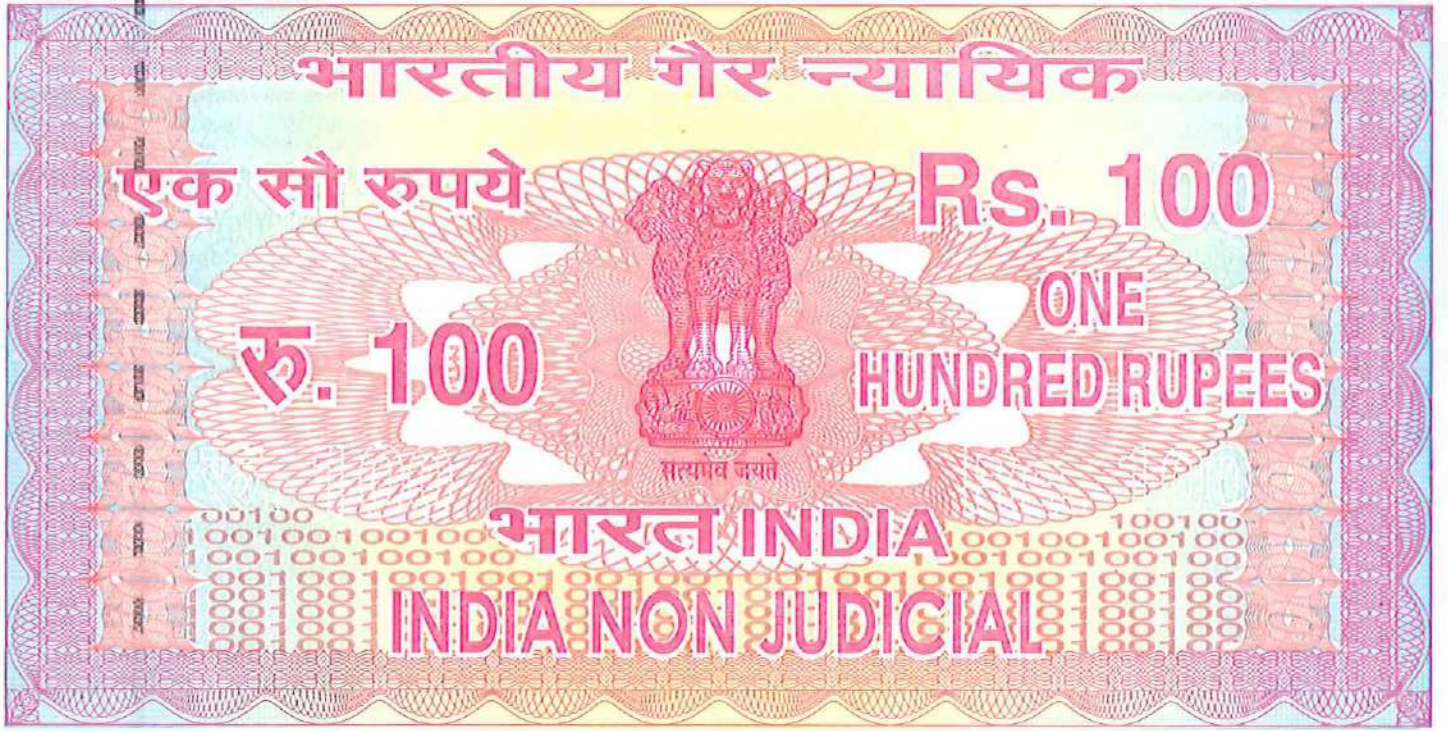
  
**EXECUTIVE ENGINEER P.W.D.,**  
**Special Project Division , W.R.D.,**  
**Perundurai - 638052.**

13. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby do undertake that the pay fee /rent as mentioned in the ministry guidelines Lr. No. RW/NH-33044/29/2015-S&R(R)(Pt) dated 22.11.2016 as & when asked by NHAI.
14. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby do undertake that the pay fee /rent as mentioned in the ministry guidelines Lr. No. RW/NH-33044/29/2015-S & R (R)(Pt), dated: 22.11.2016 as & when asked by NHAI.
15. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby do undertake to adopt open trench method where the available width of ROW 15.00m or more & trenchless technology where the available width less than of ROW 15.00m.
16. We, Executive Engineer (PWD), Water Resources Department, Special Project Division, Perundurai, hereby to undertake to HDD method will be adopted for crossings of all cross roads at grade separators at grade junctions, Toll plaza and wherever required and in the buildup areas as per the instructions of NHAI officials.
17. Lr. No. RW/NH-33044/29/2015-S & R (R) (Pt), dated: 22.11.2016 as & when asked by NHAI. Reference circular issued by ministry of Road Transport & Highways, GOI, circular no.RW/NH33044/29/2015-S&R(R)(Pt)dated 22.11.2016. Where in the last paragraph that the highway administration rules 2004 will be modified accordingly. The circular will come effect from the notification of modified highway administration rules. So we hereby given our content to abide the content of his circular from date of notification by MORT&H, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

**For, Executive Engineer (PWD), Perundurai.**



(Authorized Signatory)



தமிழ்நாடு தமில்நாடு TAMILNADU

19.09.2020

*R. Gopalakrishnan* BX 276488

Executive Engineer (PWD)  
Perundurai

R. GOPALAKRISHNAN  
STAMP VENDOR,  
Door No : 24, K.V.K. Building,  
GOPALAPURAM 3rd STREET,  
COIMBATORE - 641 018.  
L. No. : 12096/B1/2010/6

Appendix

Enclosure to Ministry of Road Transport & Highways letter No. 33044/29/2015/S&R(R) dated 22.11.2016.

**AGREEMENT REGARDING GRANTING OF RIGHT OF WAY PERMISSIONS  
FOR LAYING UTILITY SERVICES ON NATIONAL HIGHWAYS**

Agreement to lay of underground water pipe line along the road 712 mm Ø MS water pipe line from K.M. 94/925 to 95/730 (LHS), 63 mm Ø HDPE water pipe line from K.M. 95/730 to 96/475 (LHS) & 160 mm Ø HDPE water pipe line from K.M. 95/730 to 97/435 (RHS) of Salem – Cochin Road Section (NH-544) in the state of Tamil Nadu.

This Agreement made this \_\_\_\_\_ day of \_\_\_\_\_ (month) \_\_\_\_\_ of (year) between \_\_\_\_\_ acting in his executive capacity through THE PROJECT DIRECTOR, National Highways Authority of India, (Ministry of Road Transport & Highways), Project Implementation Unit (NS), Door No.212-3/D3-1, Sri Nagar Colony, Narasothipatti, Salem-636 004, on the one part, and Executive Engineer (PWD), a company registered under the Companies Act, 1956 and having its Office at Water Resources Department, Special Project Division, Perundurai, which expression shall unless excluded by repugnant to the context, include his successors/administrator assignees on the second part.

*do*  
21/9/20  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

Whereas the Authority is responsible, inter-alia, for development and maintenance of lands in K.M. 94/925 to 95/730 (LHS), K.M. 95/730 to 96/475 (LHS) & K.M. 95/730 to 97/435 (RHS) of NH-544 Land - Salem to Cochin Road section in the state of Tamil Nadu.

I Whereas the Licensee proposes to lay Pipe Line. Referred to as utility services in subsequent paras

Whereas the Licensee has applied to the Authority for permission to lay utility services from K.M. 94/925 to 95/730 (LHS), K.M. 95/730 to 96/475 (LHS) & K.M. 95/730 to 97/435 (RHS) of NH-544 Land - Salem to Cochin Road section in the state of Tamil Nadu.

And whereas the Authority has agreed to grant such permission for way leave on the NH RoW as per terms and conditions hereinafter mentioned.

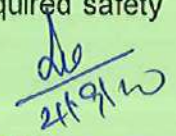
Now this agreement witnessed that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per the approved drawing attached hereto subject to the following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

1. Row permissions are only enabling 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 fulfillment 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.

*de*  
*21/11/20*

EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

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 road side 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;

  
EXECUTIVE ENGINEER P.W.D,  
Special Project Division, W.R.D,  
Perundurai - 638052.

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 sub grade 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-I.
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 cms wider than the outer diameter of the pipe. Filling 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 bonding 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 50m away from the edge of the right of way.

*del*  
*21/9/20*  
EXECUTIVE ENGINEER P.W.D.,  
Special Project Division, W.R.D.,  
Perundurai - 638052.

18. All required restoration work subsequent to laying of the cable 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 in 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.

  
EXECUTIVE ENGINEER P.W.D,  
Special Project Division , W.R.D,  
Perundurai - 638052.

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 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.
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 work-s shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility service 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.

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IN WITNESS WHERE OF THE PARTIES HERETO HAVE CAUSED THIS AGREEMENT TO BE  
EXECUTED THROUGH THEIR RESPECTIVE AUTHORISED 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)

*die*  
*21/9/10*

SIGNED ON BEHALF OF EXECUTIVE ENGINEER (PWD), PERUNDURAI.

BY SHRI. S. MANMATHAN.  
(Signature, name & address with stamp)

EXECUTIVE ENGINEER P.W.D,  
Special Project Division, W.R.D,  
Perundurai - 638052

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


IN THE PRESENCE OF (WITNESSES):

1.

2.

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.

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**EXECUTIVE ENGINEER P.W.D,**  
Special Project Division , W.R.D,  
Perundurai - 638052.



## ABSTRACT

Water Resources Department - Implementation of the proposal of Athikadavu - Avinashi scheme as Irrigation, Groundwater recharge and drinking water supply scheme in Coimbatore, Tiruppur and Erode Districts by pumping at an estimated cost of Rs.1652/- Crore for the Project under State Fund in a DBOT basis- Administrative Sanction - Accorded - Orders - Issued.

### Public Works (I.Spl.2) Department

G.O.(Ms.) No. 84

Dated: 28.03.2018.

ஹெலிஎம்மி வருடம், பங்குனி-14,  
திருவள்ளூர் ஆண்டு 2049.

Read:

- 1) G.O. (Ms) No.66 Public works (I.Spl.2) Dept, Dated 18.02.2016.
- 2) From the Chief Engineer, Plan Formulation, WRD, Chepauk, Chennai Letter No.8557 /B/CE(PF)/AEE IV/2016 /dt: 10.10.2017.

### ORDER:-

The proposal for Athikadavu - Avinashi scheme at a cost of Rs.1862 Crore was sent to Government of India for assistance under Flood Management Programme. Since the conditions of the Flood Management Programme was not complied this proposal was not approved by the Government of India. Subsequently, then Hon'ble Minister for Finance and Public Works during Interim Budget session for the year 2016-17 announced the implementation of Athikadavu - Avinashi scheme as an Irrigation ground water recharge and drinking water scheme. Based on that, in the G.O. first read above, sanction was accorded for a sum of Rs.3.27 Crore for carrying out the immediate requisite works for the commencement of the above scheme.

2. Accordingly, a Detailed Project Report was prepared for an amount of Rs.3523 Crore and sent to Central Water Commission, Government of India for getting assistance under Prime Minister's Krishi Sinchayee Yojana Scheme (PMKSY). After appraisal of the above Detailed Project Report, the Director, Monitoring Directorate, Central Water Commission, Coimbatore suggested that to save considerable cost on LA and to enhance the BC ratio an alternative proposal can be studied. Accordingly, investigation was carried out to formulate an alternative proposal to implement the Athikadavu-Avinashi Scheme. The Hon'ble Chief Minister of Tamil Nadu in the budget session for the year 2017-18 announced that the Athikadavu - Avinashi Irrigation, Ground Water recharge and Drinking water Supply scheme would be implemented as pumping scheme to feed and fill the tanks and ponds in Coimbatore, Tiruppur and Erode Districts.

3. Based on the above announcement, the Chief Engineer (Plan Formulation), Water Resources Department in the letter second read above, has sent a revised proposal with the Detailed Project Report and Detailed Estimate for an amount of Rs.1850 crores for the implementation of Athikadavu - Avinashi Scheme as Irrigation, Ground water recharge and Drinking water supply by pumping. This revised proposal consists of pumping through pipelines, by conveying the surplus water of River Bhavani from downstream of Kalingarayan anicut. This mode of conveyance of water through pipelines using pumping will facilitate easy implementation of Automated Control System which will reduce the wastage of water and this proposal is the best suited to supply water to fill the tanks and ponds in Athikadavu - Avinashi Scheme. In the above

4. The Chief Engineer (Plan Formulation), Water Resources Department has stated that this project mainly aims at providing irrigation facilities to the drought prone areas and ground water depleted areas of Coimbatore, Tiruppur and Erode districts. It is proposed to feed 74 nos of tanks, and 971 nos of percolation ponds in 9 taluks of Coimbatore, Tiruppur and Erode districts which cover DPAP blocks namely Arni, Avinashi, Tiruppur and Sular blocks. Also, this scheme aims for recharging the tanks and ponds in Ground water critical block of Nambiyur and semi critical block of Perundurai. Recharging the Tanks and ponds will result in improvement of Irrigation activities, improvement of the ground water potential, drinking water supply and also the socio economic status of the people. Existing 24468 acres of irrigable area will be benefitted by implementation of this scheme.

5. He has further stated that in the proposed scheme, the head works lies at latitude of 110° 26' 33"N and Longitude of 77° 40' 36"E, which is located at 230m downstream side of the existing Kalingarayan anicut across the Bhavani river which is one of the tributaries of River Cauvery. The Bhavani river confluences with river Cauvery at Koodudurai at 700m downstream of Kalingarayan anicut. The proposed site is situated at 16km away from Erode and 1km from Bhavani Town along Erode to Mettur road.

6. The Chief Engineer (Plan Formulation), Water Resources Department has further stated that the components included in the Estimate for the above scheme is as detailed below:-

1. Construction of Intake structures such as well, pump room etc.
2. Cost of Main and Branch feeder lines Using MS pipes and HDPE pipes.
3. Construction of Intermediate pumping station including internal and external electrical arrangements, supply and erection of pumps and motors etc.,
4. HT power supply by TANGEDCO.
5. Provision for Photographic and video coverage charges.
6. Provision for documentation charges.
7. Provision for labour welfare fund at 1% of total estimate cost.
8. Provision for Advertisement charges.
9. Provision for unforeseen items of works and petty supervision charges (upto 2.5% and price escalation charges at 5%.

7. The Chief Engineer (Plan Formulation), Water Resources Department has therefore requested Administrative Sanction for the implementation of "Athikadavu - Avinashi scheme as Irrigation, Groundwater recharge and drinking water supply scheme in Coimbatore, Tiruppur and Erode Districts" by pumping at a cost of Rs.1850 crore (Rupees One Thousand Eight Hundred and Fifty Crore only) and for 30MW Captive Solar Plan for the power consumption of the project at a cost of Rs.137 crore (Rupees One hundred and thirty seven crore only) under State Fund.

8. The Government, after careful examination of the proposal of the Chief Engineer, (Plan Formulation), Water Resources Department, accord Administrative Sanction for Implementation of the new proposal of Athikadavu - Avinashi scheme as Irrigation, Groundwater recharge and drinking water supply scheme in Coimbatore, Tiruppur and Erode Districts by pumping at an estimated cost of Rs.1652/- Crore (Rupees one thousand six hundred and fifty two crore only) for the Project under State Fund in a DBOT basis covering design, construction and maintenance for five years as per the annexure to this order.

9. The expenditure sanctioned in para 8 above shall be debited to the following head of account:

4700 - Capital Outlay on Major Irrigation - 01 Commercial - 206 Upper Bhavani Sub Basin - State's Expenditure - JA Ground water recharge and drinking water supply programme at Athikadavu-Avinashi under Athikadavu -Avinashi Under PMKSY - 16 Major Works [DPC:4700-01-206-JA-1606]

10. Necessary funds have been provided in B.E. 2018-2019. The Engineer-in-Chief, Water Resources Department, Public Works Department, Chennai is directed to incur the above expenditure in B.E. 2018-2019 after the Appropriation Act is passed in the Legislature.

11. In respect of formation of 30 MW Captive Solar Power Plant at an estimated cost of Rs.137 crore (Rupees one hundred and thirty seven crore only) under NABARD assistance orders will be issued separately.

12. This order issues with the concurrence of the Finance Department vide its U.O.No.15857/JS (DS)/Public Works-II/2018, dated 27.03.2018.

(BY ORDER OF THE GOVERNOR)

S.K.PRABAKAR  
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Engineer-in-Chief, Water Resources Department, Chennai-5.  
The Chief Engineer, Plan Formulation, Water Resources Department, Chennai-5.  
The Pay and Accounts Officer (East), Egmore, Chennai-8  
The Principal Accountant General(A & E / Audit-I), Chennai-18.

Copy to

Hon'ble Chief Minister's Office Secretariat, Chennai-9.  
The Finance (PW(II)/BGI/BGII/BC) Department, Secretariat, Chennai-9.  
The Resident Audit Officer, O/o. Principal Accountant General (General and Social Sector Audit), Secretariat, Chennai-9.  
The Public Works (Ispl.1)/(OP-II) Department, Secretariat, Chennai-9.  
The Special Programme Implementation Department, Secretariat, Chennai-9.  
Stock File / Spare Copy.

/FORWARDED BY ORDER/

  
Section Officer. 2/4/20

Component wise Description

	Amount (Rs. in Lakhs)
Construction of Intake structures such as collection well, leading channel, pump room, panel room, SCADA room and office room etc.	2800
Cost of Main and Branch Feeder lines Using Mild Steel pipes and HDPE pipes including laying	120248
Construction of Intermediate pumping station 10 Nos. including pump room, control panel and store yard.	5260
Supply of Erection of vertical turbine Pumps & Motors	9302
Cost of Providing SCADA and Outlet Management System (OMS)	10276
Internal & External Electrical arrangements for Pumping Stations	4571
TNGEDCO Estimate for HT power supply to Pumping Stations	6655
Compensation for Land use for main and branch feeder line	3000
Provision for Advertisement Charges	18.5
Provision for Photographic Charges	1
Provision for Documentation Charges	3
Provision for Labour Welfare fund @ 1% of Estimate cost	1850
Provision for petty supervision charges, contingencies and unforeseen items of works.	500
<b>Total Amount in Lakhs Rounded offy</b>	<b>165114.5 (or) 165200 lakhs</b>

S.K.PRABAKAR  
PRINCIPAL SECRETARY TO GOVERNMENT.

/TRUE COPY/

*[Signature]*  
Section Officer

**PUBLIC WORKS DEPARTMENT**

From

Er. M.Sivasamy, BE.,  
Superintending Engineer, PWD.,  
Water Resources Department,  
Special Project Circle,  
Avinashi - 641 654.

To

M/S. Larsen & Toubro Ltd.,  
Constructions, Water & Effluent  
treatment, P.B.No. 979,  
Mount - Poonamallee Road,  
Manapakkam, Chennai - 600 089,  
India.

**Letter No. TS/ HDO/ F.3 / 2018-2019-1 Date: 18.02.2019.**

Sir,

Sub : Tender for the work of Execution of Athikadavu-Avinashi Scheme for laying Pipelines below ground for Pumping Main, Feeder Main and Pumping stations, etc. for the entire scheme as Irrigation, Ground water Recharge and Drinking water supply scheme in Coimbatore, Tiruppur and Erode Districts by pumping on DBOT (Design Built Operate and Transfer) basis by diversion of surplus water of River Bhavani from downstream of Kalingarayan Anicut, Commissioning of the entire system and Operation and Maintenance of complete commissioned system for 60 months - Your Tender approved - Letter of Acceptance issued- Regarding.

- Ref :
1. Your Tender Dated: 23.01.2019.
  2. This office letter no. TS/ HDO/ F.3 / 2018-2019-1 Date: 31.01.2019.
  3. Your consent on 1<sup>st</sup> negotiation dated: 01.02.2019.
  4. This office Letter No. Letter No. TS/ HDO/ F.3 / 2018-2019-1 Date: 06.02.2019.
  5. Your Consent on 2<sup>nd</sup> negotiation dated: 14.02.19.

Your tender for the above work has been accepted. You are informed that as per clause 12/page 31 of Bidding document Vol.II a security deposit at 5% of your Final Contract value of 1585,62,00,000/- (Rupees: One Thousand Five Hundred Eighty Five Crores Sixty Two Lakhs only) is to be furnished by you for entering in to the agreement.

Therefore, you are requested to remit a security deposit of Rs.  
31,71,24,000/- (Rupees: Thirty One Crores Seventy One Lakhs Twenty  
Four Thousand only) in the form of unconditional, irrecoverable Bank  
Guarantee from the any one of Nationalized / Scheduled bank (except Co-  
Op banks) in favour of the Executive Engineer, PWD, WRD, Special Project  
Division, Avinashi - 641654 for a period of 8 years and 11 months from  
the Date of entering to Agreement. The Bank Guarantee shall be made in  
the specified form as stipulated in the bidding document. The Bank Guarantee  
shall be submitted within 28 days from the date of receipt of this Letter of  
Acceptance without fail.

Further, you are requested to submit the copies of certificates, consent  
letters and other details of key personnel required for this work as already  
mentioned in the Pre-Qualification bidding document along with the Bank  
Guarantee.

On production of Bank Guarantee, the EMD submitted by you will be  
refunded.

The receipt of this letter of acceptance may be acknowledged.

Superintending Engineer, PWD.,  
Special Project Circle, WRD.,  
Avinashi - 641654.