



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport and Highways, Government of India)
क्षेत्रीय कार्यालय, मदुरै / Regional Office, Madurai
दूसरा व तीसरा तल, विजय कृष्णा प्लाजा, सं. 1, लेक एरिया, मेलुर मैन रोड, माटुतावनी, मदुरै - 625107
2nd & 3rd Floor, Vijay Krishna Plaza, No. 1, Lake Area, Melur Main Road, Mattuthavani, Madurai - 625107
दूरभाष / Tele : +91-452-2588999 वेब / Website : www.nhai.gov.in ई.मेल / E-mail: romadurai@nhai.org



NHAI/15018/4.5/02/2025/RO Madurai/E-281713/829

10th May, 2025

INVITATION OF PUBLIC COMMENTS

विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, नागरकोइल - Operation and Maintenance of Kayathar -Kanyakumari from Km 116/500 to Km 243/470 on NH- 44 - Proposal for laying of water pipe line along NH - 44 Madurai - Kanyakumari section from Km 145/630 to Km 145/000 (LHS), Km 145/000 to Km 144/350 (RHS) and trenchless crossing across the road at Km 145/000 of NH-44 - Invitation of Public Comments - Reg.

प्रसंग: PD, Nagercoil Lr. NHAI/PD/PIU/NGL/NH-44/TWAD/2025/1037 dated 06.05.2025.

The Proposal is regarding permission for laying of water pipe line from Km 145/630 to Km 145/000 (LHS), Km 145/000 to Km 144/350 (RHS) and trenchless crossing across the road at Km 145/000 by using HDD method in Madurai - Kanyakumari stretch of NH-44 in the State of Tamil Nadu by Executive Engineer, TWAD Board, Urban Division, Tirunelveli has been submitted to this office by PD, Nagercoil Lr. NHAI/PD/PIU/NGL/NH-44/TWAD/2025/1037 dated 06.05.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2. The alignment proposed by Executive Engineer, TWAD Board, Urban Division, Tirunelveli for laying of water pipe line from Km 145/630 to Km 145/000 (LHS), Km 145/000 to Km 144/350 (RHS) and trenchless crossing across the road at Km 145/000 by using HDD method in Madurai - Kanyakumari stretch of NH-44 is as detailed under:

Stretch in Km	Length (m)	Dia of pipe (m)	Available ROW (m)	Remarks
Along NH- 44: Km 145/630 to Km 145/000 (LHS)	630	0.4	60	Laying of pipe line along the extreme edge of ROW at a distance of 1.0m from ROW edge.
Km 145/000 to Km 144/350(RHS)	650			
Across NH - 44: Km 145/000	60	711mm dia MS encasing pipe with 400mm OPVC pipe	60	Laying of pipe line across by HDD Method at minimum depth of 2.0 m from top of the subgrade.

(Signature)

Page 1 of 2

NHAI/15018/4.5/02/2025/RO Madurai/E-281713/829

10th May, 2025

3) The Right of Way is 60 m in the aforesaid stretch. Executive Engineer, TWAD Board, Urban Division, Tirunelveli has proposed for laying of water pipe line for laying of water pipe line from Km 145/630 to Km 145/000 (LHS), Km 145/000 to Km 144/350 (RHS) and trenchless crossing across the road at Km 145/000 by using HDD method in Madurai - Kanyakumari stretch of NH-44 in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

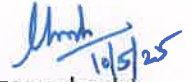
4) Executive Engineer, TWAD Board, Urban Division, Tirunelveli has furnished an Undertaking to the effect that the applicant will move the laid water pipeline in future if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that Executive Engineer, TWAD Board, Urban Division, Tirunelveli will also undertake that laying of water pipeline will not have deleterious effects on any of the bridge components and roadway safety for traffic.

5) 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 the applicant will be made available for public comments and the comments is invited within 30 days from the day of uploading.

In view of the above, comments of the public on the above proposal is invited to the below mentioned address:

Regional Officer,
National Highways Authority of India,
No.2nd & 3rd Floor, Vijay Krishna Plaza,
No.1, Lake Area, Melur Main Road, Mattuthavani,
Madurai - 625 007.

भवदीय



(आर. मुरुगप्रकाश | R .Murugaprakash)

उप महाप्रबंधक (तक) | Dy.General Manager (Tech)

क्ष.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

1. The NIC, New Delhi - for uploading in the Ministry's website.
2. The PD, Nagercoil- for information.

List of Correspondences							
Receipt No. / Issue No.	Subject	Type	Marked As	Attached On	Issued On	Pages	Remarks
1266711/2025/PIU - NAGERCOIL	TWAD Board - NOC proposal	Receipt		06/05/2025 05:56 PM		1-53	NA



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)
National Highways Authority of India
(Ministry of Road Transport & Highways, Government of India)

उप महाप्रबंधक (तकनीकी) सह परियोजना निदेशक के कार्यालय, परियोजना कार्यान्वयन इकाई
Office of the Deputy General Manager (Tech) cum Project Director, Project Implementation Unit
नंबर.395/3-1, M.S.सड़क, मजैस्टिक कॉलनी, अय्यप्पन मंदिर के पास, पार्वतिपुरम, नागरकोविल-629003, तमिलनाडु
No.395/3-1, M.S. Road, Majestic Colony, Near Ayyappan Koil, Parvathipuram, Nagercoil - 629 003, Tamilnadu
दूरभाष / Tele: +91 4652 279155 वेब / Web: www.nhai.org ई-मेल / E-mail: kanya@nhai.org, nhainagercoil@gmail.com



NHAI/PD/PIU/NGL/NH-44/TWAD/2025/1037

Date: 06.05.2025

To
The Regional Officer,
Madurai Region,
National Highways Authority of India,
Madurai

Sir,

Sub: NHAI, PIU, Nagercoil - TWAD Board - Operation and Maintenance of Kayathar - Kanyakumari from Km.116+500 to 243+470 on NH- 44 - Proposal for laying of water pipe line along NH - 44 Madurai - Kanyakumari (NHAI) from Km.145+630 to 145+000 (LHS), Km.145+000 to 144+350 (RHS) and trenchless crossing across the road at Km.145+000 of NH-44 - Submitted for approval - Reg

Ref: 1. The Executive Engineer, TWAD Board, Urban Division, Tirunelveli, Lr. No. 073/F. SIPCOT-9 MLD/JDO/2025, dt - 18.03.2025.
2. MSV-Sri Infotech/114/NHAI/IE/Kayathar-Kanyakumari/NH-44/NGL2025/121, dt- 01.04.2025.

*** ** *

It is submitted that the proposal for laying of Underground Water Supply Pipelines providing water supply from Km.145+630 to 145+000 (LHS), Km.145+000 to 144+350 (RHS) and trenchless crossing across the road at Km.145+000 of NH-44 in Madurai to Kanyakumari Section has been preferred by the Executive Engineer, TWAD Board, Urban Division, Tirunelveli vide ref. 1st cited. The same has been recommended by IE vide ref. 2nd cited.

2. Accordingly, proposal has been scrutinized in the light of Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 and submit the following for kind approval.

i. The details of pipeline along the stretch of the project alignment are as follows:

Chainage	Length (Km)	Side
Along the road From Km. 144+350 to 145+000	0.650	RHS
Along the road From Km. 145+000 to 145+630	0.630	LHS
Trenchless crossing @ Km. 145+000	1 Nos	

- ii. A plan showing the above-mentioned NH stretch with the proposed Pipeline location, cross section of Pipeline Trench has been appended in the proposal.
- iii. The crossing of Water Supply Pipeline has been proposed to lay by HDD (Trenchless) method only.
- iv. It is also stated that there is no alternate route available for laying the water supply pipeline other than the proposed route.

- v. TWAD Board has submitted an agreement in the prescribed format to be executed in case the approval is accorded.

3. The license fee is calculated in line with the MoRTH circular No. RW/NH-33044/29/2015/S&R (R) dated 22.11.2016 for amount of Rs. 56,370.93/- and the same will be deposited by the applicant on approval of the Competent Authority. The abstract calculation is furnished below:

Sl. No	Name of Village	Chainage		Side	Length in m (L)	Dia of Pipe in m (D)	Utilized NH land in sq.m (D x L)	Prevailing circle rate of land in sqm (Rs)	License Fee (Public Utility) (Rs)
		From	To						
	1.Along the road								
1	Gangaikondan Part-1	144.350	145.000	RHS	650	0.04	26.00	3015	1175.85
2	Gangaikondan Part-1	145.000	145.630	LHS	630	0.04	25.20	3015	1139.67
	Sub-Total				1280		51.2		2315.52
	2.Across the road								
1	Gangaikondan Part-1	145.000		Road Crossing by HDD Method	60	0.07	4.27	3015	192.93
	Sub-Total						4.27		192.93
	Grand - Total								2508.45
	License For Public Utility for 1 st Year (Min 10000)								₹ 10,000.00
	License For Public Utility for 2 nd Year								₹ 10,600.00
	License For Public Utility for 3 rd Year								₹ 11,236.00
	License For Public Utility for 4 th Year								₹ 11,910.16
	License For Public Utility for 5 th Year								₹ 12,624.77
	Total License For Public Utility for 5 Years								₹ 56,370.93

4. The amount of Performance Bank Guarantee has been calculated in line with the MoRTH policy guidelines dt. 22.11.2016 which is enclosed along with the proposal as detailed below:

Sl. No.	Chainage	Bank Guarantee Amount		
		Rate per m	Length m	Amount
	LHS			
1	Km. 145+000 to 145+630	100	630	63,000
	RHS			
1	Km. 144+350 to 145+000	100	650	65,000
	Trenchless crossing @ Km. 145+000	1 Nos		1,00,000
	Total			2,28,000

5. Hence, the proposal for laying of Underground Water Supply Pipelines providing water supply from Km. 145+630 to 145+000 (LHS), Km.145+000 to 144+350 (RHS) and trenchless crossing across the road at Km.145+000 of NH-44 in Madurai to Kanyakumari Section of NH-44 preferred by the Executive Engineer, TWAD Board, Urban Division, Tirunelveli is hereby recommended for the approval of Competent Authority.

Thanking you,

Encl: As above



Yours faithfully,

T. Velraj
06/5/25

(T. Velraj BRES)
Project Director
NHAI, PIU, Nagercoil

Copy to:

The Executive Engineer, TWAD Board, Urban Division, Tirunelveli for information.



MSV INTERNATIONAL INC.

In Association with

SRI INFOTECH



MSV International, Inc.

(ISO 9001: 2015 Certified Company)

No: C29, 24th Cross Street,

Maharajanagar, Palayamkottai

Near Govt. Hospital,

Tirunelveli- 627011

Tamilnadu, India

Email: msv.kayathar@gmail.com

CIN: F 04214

Independent Engineer Services for Operation & Maintenance of (i) Kayathar- Nanguneri Section from Km 116+500 to Km 180+000 & (ii) Nanguneri - Kanyakumari Section from Km 180+000 to Km 243+470 of NH-44 (Old NH- 7) on TOT mode in the State of Tamil Nadu

Ref: MSV-Sri Infotech/114/NHAI/IE/Kayathar-Kanyakumari/NH-44/NGL2025/121

Date: 01.04.2025

To

The Project Director

Project Implementation Unit-Nagercoil

395/3-1, M.S.Road,

Majestic Colony, Near Ayyappan Koil

Parvathipuram,

Nagercoil-629003.

Tamilnadu

Email: kanya@nhai.org, nhainagercoil@gmail.com

Sub: Consultancy Services as Independent Engineer Services for Operation & Maintenance of (i) Kayathar- Nanguneri Section from Km 116+500 to Km 180+000 & (ii) Nanguneri - Kanyakumari Section from Km 180+000 to Km 243+470 of NH-44 (Old NH- 7) on TOT mode in the State of Tamilnadu – **Provision of water supply pipelines along NH-44 from km 145+630 to 145+000(LHS), KM 145+000 to 144+350(RHS) and Trenchless crossing at km.145+000 by TWAD Board-Issue of NOC - Reg**

Ref: 1. Executive Engineer, TWAD Board, Urban Division, Tirunelveli, Lr No.073/F.SIPCOT-9 MLD/JDO/2025 dated:18.03.2025
2. NHAI/PIU/NGL/SE-4/NH-44/NOC/2025/731 dated:26.03.2025

Dear Sir,

With reference to the above subject and vide reference 1st cited, Executive Engineer, TWAD Board, Urban Division, Tirunelveli has requested NOC for laying of water pipeline from km.145+000 to 145+630 (LHS), Km 144+350 to 145+000 (RHS) and Trenchless crossing at km.145+000 in Kayathar to Nanguneri section of NH-44.

In this connection, Vide reference 2nd cited PIU-Nagercoil has asked the Independent Engineer to inspect the site and furnish the comments regarding the laying of water pipeline.

In this regard, the Independent Engineer has scrutinized the proposal with the policy guidelines of NHAI and our observations are as follows,

1. The Water pipe line along the road,

Km.145+000 to 145+630 (LHS) = 630 M

Km.144+350 to 145+000 (RHS) = 650 M

Total = 1280 M

2. The water pipe line laying across the road at Km145+000 by HDD Method.

3. The above proposal is complying as per the NHAI Policy circular RW/NH- 33044/29/2015/S&R(R), dated 22.11.2016. Therefore, the submitted proposal may be considered for approval with the following conditions:

India Office MSV: Unit No. 514, 515 & 516, 5th Floor, Suncity Success Tower, Golf Course Extension Road, Gurgaon-122005 (Haryana) E-mail:info@msgroup.com; Tel.: 0091-124-2841160

USA Office MSV: 15215, 62nd Avenue N.E. Kenmore, Washington-98028, USA, Tel.: 001-425-488-4442, Email: info@msgroup.com

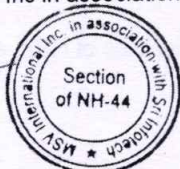
- The pipe line along the road at km.144+350 to 145+000 (RHS) & across the road at km 145+000 is falling under the proposed VUP location (Blackspot ID:TN-(02)-236) for which VUP work will commence shortly. So only after completion of VUP Service Road work, the pipe laying should be done.
- All the pipe line laying works should be as per the approved layout drawings
- The laying of pipe line across the road in Main carriage way, Service road and side road Should be done in HDD (Trenchless) method at depth of minimum 1.6 m from the top of Sub grade layer,
- The laying of pipe line along the road should be at a depth of minimum 1.6m.
- The laying of pipe line along the road should be at the extreme edge of the ROW.
- No digging of MCW/SR/AVENUE road should be allowed.
- No damage to the existing highway, road furniture's and other existing utilities. If any damages occurred to the Highway properties, the Concerned Department should restore at their own risk and cost.
- Free flow of traffic should be maintained while carrying out the work.
- Proper Safety precautionary measures should be made available at site till the completion of work.
- Necessary sign boards should be made available at work zone locations.
- The approved drawings, methodology for the above work should be strictly followed by the applicant.
- During rainy season extra care should be taken to the excavated portions.
- During the excavation. there should not be any damages to the road properties such as existing utilities like water pipe lines, OFC lines and EB lines etc; road drains, avenue plantations earthen shoulder portions MCW/SR and road signs etc.,
- Clearly mark the pipeline locations along the road with appropriate signage and Markers to prevent accidental damage during excavation or construction activities.
- Maintain thorough records of all activities, including construction progress, inspections, and any incidents. Regularly report this information to NHAI and other relevant authorities.
- Excavation for laying work should be carried out as per the instructions and presence of NHAI representatives/ Independent Engineer/ Concessionaire.

Thanking you and assuring you of our best services at all times.

Yours Truly,

For MSV International Inc in association with Sri Infotech

T. Anand Raj
01/04/25



T. Anand Raj

Resident Engineer Cum Highway Maintenance Engineer,
MSV International Inc in association with Sri Infotech.

- Copy to:**
1. The Project Head M/s.SMTPL - for kind information.
 2. The Project Manager, M/s. SINDHU Muruga Constructions - for kind information.
 3. MSV International Inc, Gurgaon & Sri Infotech, Hyderabad – for kind information.

India Office MSV: Unit No. 514, 515 & 516, 5th Floor, Suncity Success Tower, Golf Course Extension Road, Gurgaon-122005 (Haryana) E-mail: info@msvgroup.com; Tel.: 0091-124-2841160

USA Office MSV: 15215, 62nd Avenue N.E. Kenmore, Washington-98028, USA, Tel.: 001-425-488-4442, Email: info@msvgroup.com



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

From

To

Er.V.Ramalakshmi, B.E.,
Executive Engineer,
TWAD Board,
Urban Division,
Integrated Office Complex,
Seevalaperi Road, Shanthi Nagar,
Palayamkottai,
Tirunelveli-627002.

The Project Director,
National Highways Authority of India,
Project Implementation Unit,
Nagercoil.

Lr.No:073/F. SIPCOT-9 MLD/JDO/ 2025/ dt.18.03.2025

Sir,

Sub : Providing 9 MLD Raw water supply to SIPCOT Industrial Growth Centre, Gangaikondan in Tirunelveli District with river Tamiraparani as source - Laying of water pipe line Along NH - 44 :Madurai - Kanyakumari (NHAI) from KM 144+350 to 145+600 (LHS) and Trenchless crossing at KM 144+350 -Permission Requested - Regarding.

NHAI-PIU-Nagercoil	
Inward No:	1198
Date:	21.3.25
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Ref :

1. BP No.62/ TWADB (PDC) wing /Dt.08.08.2024
2. T.O.Lr.No: 058/F. SIPCOT-9 MLD/JDO/ 2025/ dt.04.02.2025
3. Project Director, NHAI, Nagercoil Lr.No: NHAI/PIU/NGL/NH-44/TWAD/2025/466 Dt.24.02.2025

Anent to the ref 3rd cited, I submit herewith the revised proposal for the NHAI permission in NH 44 (Madurai - Kanyakumari road (NHAI) on the stretches mentioned below for the Scheme of providing 9 MLD Raw water supply to SIPCOT Industrial Growth Centre, Gangaikondan in Tirunelveli District.

Name of road	Size of pipe	Alignment
KM 145/630 to 145/000	400mm OPVC	LHS
KM 145/000 to 144/350	400mm OPVC	RHS
KM145/000 - Trenchless crossing	400mm OPVC	

I request that the above proposal may be got approved and necessary permission may please be accorded so as to start the pipe laying work and ~~be~~ put to Public beneficial use at the earliest.

I request the early cooperation in this regard.

Encl:Proposal-3 Nos.

V. P. Ravi
18/9/25
Executive Engineer,
TWAD Board,
Urban Division,
Tirunelveli.

TAMILNADU WATER SUPPLY AND DRAINAGE BOARD



**Laying of water pipe line Along NH – 44 Madurai – Kanyakumari (NHAI) from
KM 145+630 to 145+000 (LHS), KM 145+000 to KM 144+350(RHS) and
Trenchless crossing at KM 145+000**

**APPLICANT:
EXECUTIVE ENGINEER
TWAD BOARD,
URBAN DIVISION,
TIRUNELVELI.**

**THE PROJECT DIRECTOR
NATIONAL HIGHWAY AUTHORITY OF INDIA
NAGERCOIL**

**Laying of water pipe line Along NH – 44 Madurai – Kanyakumari (NHAI)
from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350(RHS)
and Trenchless crossing at KM 145+000**

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**Laying of water pipe line Along NH – 44 Madurai – Kanyakumari (NHAI)
from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350(RHS)
and Trenchless crossing at KM 145+000**

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Proposal for Laying of TWAD Water pipe along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai – Kanyakumari Road (NHAI)

General to Accompany All Proposals

Check List

General

- | | | | |
|----|--|---|------|
| I. | i] whether the site plan is drawn to a scale of
I: 5000 or 1: 2500 and enclosed | : | NTS |
| | ii] Whether the details of 100M on either side of
The utilizing laying have been furnished | : | No. |
| | iii] Does the site plan show in full | : | Yes. |
| a] | The NH boundary line with distance from
center Line of the road marked at salient points
where the NH land width is changing and also
at 200M intervals | : | Yes. |
| b] | The berm line and distance from centre line at
200M intervals and also at salient point of
change of width of NH land | : | Yes. |
| c] | Center line of pavement and pavement edge
line Marked distinctly. | : | Yes. |
| d] | Medians, if any, marked to scale. | : | Yes. |
| e] | The location of the utility line of proposal with
drainage; showing exact locations and distance
from NH centre line. | : | Yes. |
| f] | The existing culvert / drainage works with
dimensions. | : | Yes. |

- 2 a] Purpose of the proposal in details : Providing 9 MLD Raw water supply to SIPCOT Industrial Growth Centre, Gangaikondan in Tirunelveli District with river Tamiraparani as source
- b] Exact location of proposal : Madurai – Kanyakumari (NHAI)-NH 44
Along the road KM 145+630 to 145+000 (LHS)
Along the road KM 145+000 to 144+350 (RHS)
Across the road at Km – 145+000
- c] Whether the applicant is private agency / public sector / Govt. department : Govt. Department
- d] Any time schedule fixed for the completion of the proposal made. : As early as possible.
- e] Reasons why the proposal could not be Accommodated outside the N.H. Land : Not feasible.
- f] Whether any other location other than this is not Feasible. : No other location is possible.
- g] Whether any other than this would be difficult. : Difficult and not possible.
- h] Whether this proposal when implemented now 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 geometric. : No.
- j] Is there any proposal for improvements in this Stretch or likely to be sanctioned in near future and whether they will be affected by this Proposal. : No

T.V. Viji
06/5/25.
PROJECT DIRECTOR
NHAI, PIU, Nagercoil

T.A. S. Jeyaraj
18/3/25
Junior Engineer
TWAD Board
Urban Sub Division - 1
Tirunelveli - 2

Flameless
18/3/25
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli

V. R. Ramesh
18/3/25
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

CONDITIONS

1. The pipe lines should not be laid longitudinally for considerable length along National Highways.
2. The crossing of pipe lines shall be square i.e., it should be normal to National Highways.
3. Existing drainage structures shall not be used to carry the pipe lines across unless specially permitted by Govt. of India.
4. Pipe line should be provided with a casting pipe of larger dia and with a 0.30m bedding below the casting pipe, if laid across the road.

The above-mentioned rules have been noted for guidance.


18/3/25
Junior Engineer
TWAD Board
Urban Sub Division - I
Tirunelveli - 2


18/3/24
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli


18/3/25
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.


PROJECT DIRECTOR
NHAI, PIU, Nagercoil

ANNEXURE TO ACCOMPANY PROPOSALS SUCH AS LAYING UTILITY SERVICES LIKE PIPE LINES ALONG AND ACROSS NATIONAL HIGHWAYS

I. LAYING OF UTILITY LINE ACROSS NATIONAL HIGHWAYS:

1. Whether the utility line is as close to the extreme edge of the right of way as possible? If not, the detailed reasons for exceptions. : Yes
2. Whether the utility line is 15M away from the C/L of the nearest carriage way? If not, the Reasons therefore (Distances should be clearly Noted) at salient points and at close intervals. : Yes
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 so, give reasons why it cannot be avoided. : No
5. Will this proposal interfere with the maintenance of NH at any time by the execution, if permitted. : No
6. Whether the C/S of utility line as it runs along NH is given in the drawings? : Yes
 - a] Whether the top of pipe line lie at least 0.6 M below G.L : Yes
 - b] Will it obstruct the drainage of road land : No
7. Is there a proposal to lay electric cable carrying H.T. 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 High way safety for traffic. : Does not arise

B. LAYING OF UTILITY LINE ACROSS NH:

1. Chainage at which it crosses the NH : KM 145+000
2. Does the proposal cross the NH on a line normal to it? If not, the reasons thereof, and why it cannot be taken normal to road. : Yes, on a line normal to it
3. If the proposal for irrigation purpose? If so the concurrence of revenue Dept. has been enclosed. : Not Applicable
4. Whether there is any structure existing within 15M from the crossing? If so, the detail of such. : No
5. The reason why the crossing cannot be shifted to more than 15 from the existing structures. : Does not arise.

C. METHOD OF CASING PIPES:

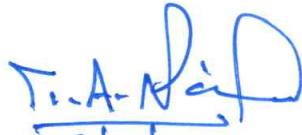
- 1] Does it pass through special conduits or other structures built for this purpose : No
- 2] Does it use any of the existing drainage structures? : No.
- 3] Whether the conduit pipes have been encased : Yes
- 4] The detail of casing pipes such as its dia, materials etc : 711 mm MS Pipe
- 5] Whether the ends of casing or conduct pipe are sealed from outside so that it may not act as Drainage path. : Yes
- 6] Does the casing conduit pipe extent from drain to drain, if this is cut or from the tie or slope to Tie of slop[e in Care, if this is full. : Yes
- 7] Whether the tops of casing / conduit pipe is 1.2M below the road level subject to the conditions that it lies at least 0.5M below the drain inverts. : Yes

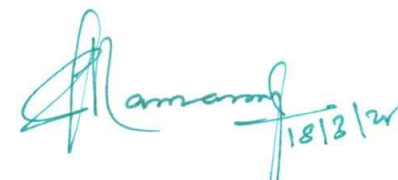
D. METHOD OF LAYING:

1. Will the pipe be installed under road embankment by boring or, trench method. (In case of C.C roads or dense bituminous concrete roads, only boring methods could be adopted) : Open Trench Method along the road and for crossing-Trenchless Technology
2. If trench method is adopted
 - a] Are the sides of the trench nearly vertical : Yes
 - b] What is the width of trench? Is it not less than 30cm and not more than 60cms than the outer dia if the casing pipes. : Mentioned in the drawing
 - c] Whether the bedding is of 30cm thick below the pipe? : Yes
 - d] Does it consist of granular materials or other Good materials to give a firm surface. : Good materials to give a firm surface
 - e] Are the above details shown in the sketch : Yes
 - f] Whether the back fill shall be completed in 2 Stage : Yes
 - g] Whether the side fill shall consist of pucca materials and whether will it be completed to 95% of its pro density? : Yes
 - h] Whether the road will be restored to its original state? : Yes
 - i] Whether all precautions will be taken during execution? : Yes
 - j] Whether the party agrees to meet the cost of restoring the road to the original position. : Yes

CERTIFICATE

1. This proposal when implemented will not affect the design stability and traffic safety of National Highways Authority of India.
2. This proposal implemented now, will not affect any likely future improvements such as Improvements to geometries.
3. There is no proposal for improvements in this stretch likely to be sanctioned near future.
4. The proposal is in accordance with the Government of India's Specifications.


18/3/25
Junior Engineer
TWAD Board
Urban Sub Division - I
Tirunelveli - 2


18/3/25
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli


18/3/25
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.


PROJECT DIRECTOR
NHAI, PIU, Nagercoil



தமிழ்நாடு தமில்நாடு TAMILNADU
TAMILNADU

Rs. 100/-

17 MAR 2025

EB 694751

M. VELMURUGAN
STAMP VENDOR L.No.2/2003
2, Thirupugal Street,
PALAYAMKOTTAI,
TAMIL NADU.

Sub : Proposal for Laying of TWAD Water pipe line along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai – Kanyakumari Road (NHAI)

Undertaking

- 1) We Undertake not to Damage any other utility, if damaged, we will pay the losses either to NHAI or to the concerned agency
- 2) We undertake to renew the Bank Guarantee if required.
- 3) We Undertake to confirm all standard conditions of NHAI's guidelines.
- 4) We Undertake to Shift of water supply pipe line as and when required by NHAI at our own cost.
- 5) We Undertake to Shift the water supply pipe line due to 4 lanning / widening of NH at a later date.
- 6) We Undertake and Indemnify against all damages and claims as per clause (xxiv)

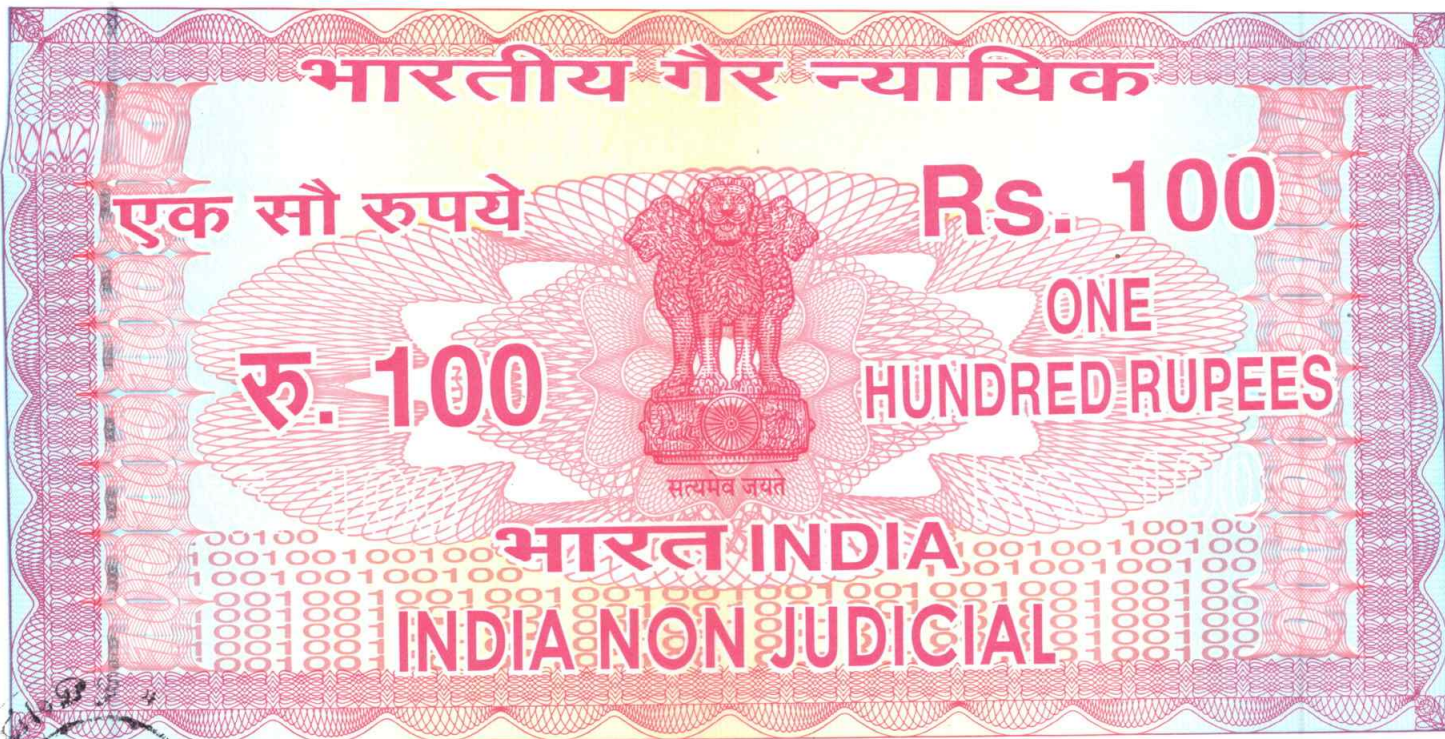
V. Ravi
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli

- 7) We undertake to manage the Traffic movement during laying of New water supply pipe line.
- 8) We undertake to accept any claims raised by the Concessionaire if any and the same will be paid by us.
- 9) We undertake to obtain Prior approval of the NHAI before undertaking any work of installation to the showing water supply pipe line located in the National highway right-of-ways.
- 10) We undertake to bear the Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by laying of New water supply pipe line.
- 11) We undertake to move the utility line for any work of improvement or repairs to the road If the NHAI considers if necessary in future, it will be carried out as desired by the NHAI at my cost within a reasonable time (not exceeding 60 days) of the intimation given.
- 12) We undertake to pay the fee /rent as mentioned in the Ministry's Guidelines Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI.

Certificate

- (i) I certify that Laying of Water Supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.
- (ii) For 4/6 – lanning “ we do undertake that I will relocate service road/approach road/utilities at my own cost not with standing the permission granted within such time as will be stipulated by NHAI” for future 4/6 – lanning or any other development.


Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.



தமிழ்நாடு தமில்நாடு TAMILNADU

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Rs. 100/-

17 MAR 2025

EB 694754
M. VELMURUGAN
STAMP VENDOR L.No.2/2003
2, Thirupugal Street,
PALAYAMKOTTAI,
TAMIL NADU.

LICENCE DEED FOR LAYING OF WATER SUPPLY PIPES ON NATIONAL HIGHWAY LAND

Agreement to Lay Water pipe line along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai – Kanyakumari Road (NHAI)

This Agreement made this _____ day of _____ (month) of _____ year between _____ acting in his executive capacity through the President of India/National Highways Authority of India (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) of the one part and Executive Engineer, TWAD Board, Urban Division, Tirunelveli (name of the party). (hereinafter called the 'Licensee') which expression shall, unless excluded by or repugnant to the context, include his heirs its successors/administrator assignees on the second part.

V. Paul
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

Whereas the Authority is responsible, inter alia, for development and maintenance of lands in along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai – Kanyakumari Road (NHAI) of ROW

Whereas the Licensee proposes to lay water pipe line / ducts etc., referred to as utility services in subsequent paras.

Whereas the licensee has applied to the Authority for permission to lay water supply pipes along the road from Water pipe line along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai – Kanyakumari Road (NHAI) of ROW

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 witness that in consideration of the conditions hereinafter, contained and on the part of the Licensee/Licensees to be observed and performed, the Government/NHAI hereby grants to the licensee/licensees permission to lay water supply pipes as per the approved drawing attached hereto subject to the following condition namely:-

1. RoW permission 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 requirement 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 cause 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 equipments, 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.


Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

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 case 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 utilities 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 service can be allowed beneath the carriageway of service road, if available, subject to the condition that the utility service 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 service shall not interface 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 provide for / landscaped with required safety measures as directed by the concerned Authority;


Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

11. The utility service 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 structure 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 - 1.
14. The utility service 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.


**Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.**

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;*
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 designed agency 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 or failure caused there of to any service 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 damage 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 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. Not with standing 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 service within 90days (or as specification by the respective Authority) from the date of issues of the notice by the concerned Authority to shift/relocate the utility services, in case it is so require 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 installation/facilities etc. the Licensee shall ensure the safety and security of already existing underground installations/utilities/facilities etc. before commencement of the


Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

excavation/using the existing cable ducts. The licensee shall procure insurance from a reputed insurance company against damages to already existing underground installations /utilities/facilities etc.

23. The licensee shall be solely responsible/liable for full compensation/indemnification of concerned agency / aggrieved Authority for any direct, indirect or consequential damage caused to them/claims or replacements sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with Authority shall also have a right make good such damages/recover the claims by forfeiture of Bank Guarantee.
24. If the Licensee fails to comply with any condition to the satisfaction of the Authority, the same shall be executed by the Authority at the cost and risk of the Licensee.
25. Grant of Licensee 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 highways, 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 days in advance with route details prior to digging trenches, for fresh or maintenance/repair works. A separate performance Bank Guarantee for maintenance/repair works shall have to be furnished by the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility 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


**Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.**

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 service without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land/property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility service located in highway land / property shall be deemed to have been constructed and continued only by the consent and permission of the Authority so that the right of the Licensee to the use thereof shall not become absolute and indefeasible by lapse of time.
34. The Licensee shall bear the Stamp Duty Charged on this Agreement.
35. Three copies of 'as laid drawings' of utilities (hard and soft copies) with geo-tagged photographs and geo-tagged video recordings of laying of water pipe line in the trench (with respect to the NH) and after complete restoration shall be submitted to the Authority for verification and record within a month of completion of works.
36. The Licensee shall allow free access to the Set at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Not with standing anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition for any loss caused to it by such cancellation not shall it be absolved from any liability already incurred.


Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

38. *The Licensee shall ensure adherence to relevant Indian standards and follow best industry practices, methods and standards for the purpose of ensuring the safe, efficient and economic design, construction, commissioning, operation, repair and maintenance of any part of the utility lines/industrial infrastructure facilities and which practices, methods and standards shall be adjusted as necessary, to take account of:*

- a. Operation, repair and maintenance guidelines given by the manufacturers,
- b. The requirements of Law.
- c. The physical conditions at the site, and
- d. The safety of operating personnel and human beings.

39. The Licensee shall have to provide safety measure like barricading, danger lighting and other necessary caution boards while executing the work.

40. While laying utility service, 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 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 condition 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 service by the Licensee, compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaries. MoRT & H/ NHAI/ implementing authorities for the project shall not be liable the concessionaire in any way in this regard.

This agreement has been made in duplicate, each on a stamp paper; each party to this Agreement has retained one stamped copy each.


**Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.**

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

V. Ram
(V. RAMALAKSHMI)
Signed by Shri (Name in full) the licensee
Executive Engineer, TWAD Board,
The Constituent Division, Tirunelveli

Signed by Shri (Name in Full)
Regional Officer,
National Highways Authority of India
For and on behalf of the President of India

In the presence of

[Signature] 18/3/24
1. Name in full (Signature) with designation
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli

1. Name in full (Signature) with designation

S. A. Nair
18/3/25
2. Name in full (Signature) with designation
Junior Engineer
TWAD Board
Urban Sub Division - I
Tirunelveli - 2

2. Name in full (Signature) with designation



தமிழ்நாடு தமில்நாடு TAMILNADU

Rs. 100/-

EB 694757

17 MAR 2025

M. VELMURUGAN
STAMP VENDOR L.No.2/2003
2, Thirupugal Street,
PALAYAMKOTTAI,
TAMIL NADU.

INDEMNITY BOND

Name of Work : Proposal for Laying of TWAD Water pipe line along the road KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of NH 44 Madurai-Kanyakumari Road (NHAI)

Indemnity against all damages and claims as per Sl.No:5,6 of Checklist

We, Executive Engineer, TWAD Board, Urban Division, Tirunelveli do hereby indemnify Project Director, National Highways of India, Project Implementation Unit binding ourselves to pay all the losses and claims in respect of laying of water supply pipeline in NH-44 along the road from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000 of Madurai Kanyakumari Road in Tamilnadu state for a total length 1.34 Kms in National Highways, Nagercoil or maintenance thereof and against all claims, proceedings, damages, costs, charges and expenses whatsoever in respect thereof in relation there to. Failing such payments of claims in the above work we abide in accepting for recovery such claims affected from any of our assets.

V. S. Paul
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli.

Annexure-I

Conditions to be enclosed/incorporated in the approval letter for permission for laying of Water Supply pipe line

1. The Water Supply pipe line shall be located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the centre-lines of the nearest carriageway.
2. The Water Supply pipe line shall not be permitted to run along the National Highways when the road formation is situated in double cutting. Nor shall these be laid over the existing culverts and bridges without the prior approval of NHAI/Government of India.
3. The Water Supply pipe line shall be so placed that at no time there is interference with the maintenance of the National Highways.
4. These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.
5. The authority/ owner of the under ground utility shall ensure that laying Water Supply pipe line should not have any deleterious effects on any of the bridge components and roadway safety for traffic.
6. The lines shall cross the National Highways preferably on a line normal to it or as nearly so as practicable.
7. Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter.
8. The Water Supply pipe line is permitted to cross the National Highway, either encased in pipes or through structure of conduits specially built for that purpose at the expense of the agency owning the line. Existing drainage structures shall not be allowed to carry the lines across.
9. The casing pipe (or conduit pipe in the case of electric cable) carrying the Water Supply pipe line shall be of steel, cast iron, or reinforced cement concrete and have adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable. Ends of the casing/conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.
10. The casing/conduit pipe should, as minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.
11. The top pf the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3 m below the drain inverts.
12. The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall only be permitted where the existing road pavement is of cement concrete or dense bituminous concrete type.
13. The casing/conduit pipe shall be installed with an even bearing throughout its length and in such a manner as to prevent the formation of a waterway along it.
14. Open trenching method. (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type)
 - (a) The sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm, but not more than 60 cm wider than the outer diameter of the pipe.
 - (b) Filling of the trench shall conform to the specifications contained herein below.


**Executive Engineer, TWAD Board,
 Urban Division, Tirunelveli.**

- (c) *Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable soil and rock edged should be excavated and replaced by selected material.*
- (d) The backfill shall be completed in two stages (i) side – fill to the level of the top of the pipe and (ii) overfill to the bottom of the road crust.
- (e) The sidefill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
- (f) 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 Highways Authority. Care shall be taken to avoid the formation of a dip at the trench.
- (g) The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.
15. If needed, a diversion shall be constructed at the expense of agency owning the Water Supply pipe line.
16. Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the Water Supply pipe line located in the National highway right-of-ways.
17. Expenditure, if any, incurred by the Highway Authority for repairing any damage caused to the National Highway by the laying, maintenance or shifting of the Water Supply pipe line will be borne by the agency owning the Water Supply pipe line.
18. If the NHAI considers it necessary in future to move the Water Supply pipe line for any work of improvement of repairs to the road, it will be carried out as desired by the Highway Authority at the cost of the agency owning the Water Supply pipe line within a reasonable time (not exceeding 60 days) of the intimation given.
19. The licensee shall ensure making good the excavated trench for laying Water Supply pipe line by proper filling and compaction, so as to restore the land in to the same conditions 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.
20. The licensee shall furnish a Bank Guarantee to the NHAI @ Rs50/- per running meter (parallel to NH) and Rs1,00,000/- per crossing of NH, for a period of one year initially (extendable if required till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cables/ducts by proper filling and compaction, clearing debris/loose earth produced due to execution of trenching at least 50m away from the edge of the right of way. No payment shall be payable by the NHAI to the licensee for clearing debris/loose earth.
21. In case the work contemplated herewith is not completed to the satisfaction of the NHAI, 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. In case of the licensee failing to discharge the obligation of making good the excavated trench, the NHAI shall have a right to make good the damages caused by excavation, at the cost of the licensee and recover the amount by invoking the bank guarantee furnished by the licensee.

V. G. Gopal
**Executive Engineer, TWAD Board,
 Urban Division, Tirunelveli.**

22. *The licensee shall shift the Water Supply pipe line within 60 days (or as specified by the respective agency/owner) from the date of issue of the notice by the NHAI, Govt. of India to shift/relocate the Water Supply pipe line, in case it is so required for the purpose of improvement/widening of the road/route/highway or construction of flyover/bridges and restore the road/land to its original condition at his own cost and risk.*
23. Regarding the location of other cables, underground installation/utilities etc, the licensee shall be responsible to ascertain from the respective agency in coordination with NHAI. The licensee shall ensure the safety and security of already existing cables/underground installation/utilities facilities etc. before commencement of the excavation.
24. The licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency/aggrieved owner for any direct, indirect or consequential damage caused to them/claims or replacement sought for, at the cost and risk of the licensee. The concerned agency in co-ordination with NHAI shall also have a right to make good such damages/recover the claims by way of invoking of Bank Guarantee furnished by the licensee.
25. If the licensee fails to comply with the condition 22 and 23 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the licensee.
26. The licensee shall procure insurance from reputed insurance company against damages to already existing cables/underground installation/utilities/facilities etc during trenching.
27. 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, the licensee will be required to restore the same to the original condition at his own cost.
28. No trenching will be done on pucca road, boring method will be used in pucca road and Water Supply pipe line will be laid at the extreme edge of the road in the non-BT surface only.
29. The licensee shall inform/give a notice to the NHAI, Govt. of India or its authorized agency at least 15 days in advance with route details prior to digging trenches for fresh or maintenance/repair work. A separate work plan and a separate performance Bank Guarantee @ Rs50/- per meter length for maintenance/ repair work shall have to be furnished by the licensee.
30. Each day, the extent of digging the trenches should be strictly regulated so that cables are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
31. The licensee shall indemnify the concerned agency in co-ordination with NHAI, against all damages and claims, if any, due to the digging of trenches for laying Water Supply pipe line.
32. The NHAI has a right to terminate the permission or to extend the period of agreement. In case the licensee wants shifting, repairs or alteration to Water Supply pipe line, he will have to furnish a separate bank guarantee.
33. 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 alterations to the said Water Supply pipe line.
34. The permission granted shall not in any way be deemed to convey to the licensee any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
35. During the subsistence of this agreement, the laying of Water Supply Pipe Line /ducts located in highway land/property shall be deemed to have been constructed and continued

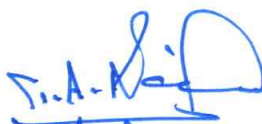
V. Pandey
Executive Engineer, TWAD Board,
Urban Division, Thirunelveli.

only by the consent and permission of the NHAI so that the right of the licensee to the use thereof shall not become absolute and indefeasible by laps of time.

36. The licensee shall bear the stamp duty charged for the agreement.
37. The Water Supply pipe line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying of Water Supply Pipe Line has been laid in accordance with the approved specifications and drawings and the trenches have been filled up to the satisfactions of the concerned agency in co-ordination with the owner has been obtained.
38. Notwithstanding anything NHAI contained herein this agreement may be cancelled at any time by the or breach of any condition of the same and the licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
39. The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance.
40. 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 Water Supply pipe line within 60 days and the site shall be brought back to the original condition failing which the licensee will lose the right to remove the cables/ducts. However, before taking up the work of removal of Water Supply pipe line the licensee shall furnish a bank guarantee to the owner for a period of one year for an amount assessed by the owner for making good the excavated trench by proper filling and compaction, clearing debris, loose earth produced due to excavation of trenching at least 50m away from the edge of the right of way.
42. If NHAI is required to do some emergent work the licensee 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.
43. The enforceability of the Right-of Way permission granted here in shall be restricted to the extent of provisions/scope of service contained/defined in the license agreement and for the purpose for which it is granted. Either by content or by intent, the purpose extending this Right-of Way facility is not to enhance the scope.
44. Strict compliance of the following by the Project Director:
 - a) If the licensee fails to inform the commencement of laying of Water Supply pipe line 15 days before the actual start of the work at site the agreement should be null and void.
 - b) It is to be intimated to the HQ that, actual work has already been started at the site as per the provision of the agreement and the conditions stipulated in the Ministry Circular No. Ministry Circular No. NH-41 (58)/68 dated 31.1.1969, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003.
 - c) An interim execution progress report /status report shall be submitted to NHAI HQ after one month of the start of the work at site, regarding the satisfactory progress of the laying of Water Supply pipe, as per the specification/stipulation and the alignment as approved.

V. Raveel
**Executive Engineer, TWAD Board,
 Urban Division, Thrunelveli.**

- d) The final completion certificate shall be issued/submitted by PD to the HQ to the effect that, the work has been completed to the entire satisfaction of the Project Director and there were no violation of any condition / stipulation contained in the agreement, Ministry Circular No. NH-III/P/66/76 dated 18/19.11.1976, Ministry Circular No. RW/NH-III/P/66/76 dated 11.5.1982, Ministry Circular No. RW/NH-11037/1/86-DOI (ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/1/86/DOI dated 19.1.1995, Ministry Circular No. RW/NH-34066/2/95/ S&R dated 25.10.1999 and Ministry Circular No. RW/NH-34066/7/2003 S&R (B) dated 17.9.2003. and the approved plan.
- e) To obtain a performance bank guaranty @ Rs. 50/- per running meter of NH and Rs.1,00,000/- per crossing of NH from the licensee to safe guard the interest of NHAI.
- f) A register of records of the permissions accorded has to be maintained by the PD in the prescribed proforma (copy enclosed).
- g) Project Director is authorized to sign an agreement (IN ACCORDANCE WITH THE MODEL AGREEMENT) with the applicant, on behalf of NHAI.

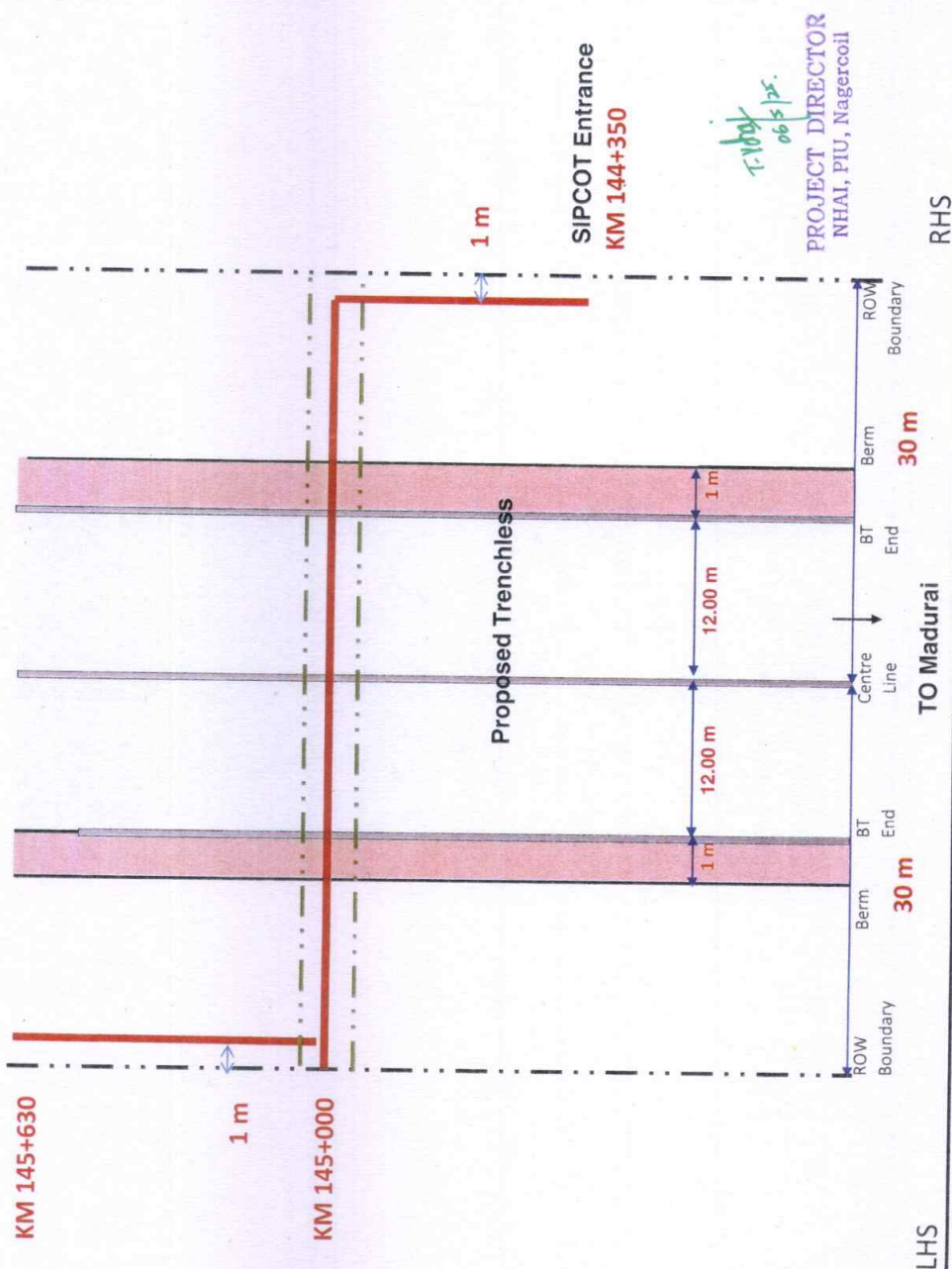

18/3/25
Junior Engineer
TWAD Board
Urban Sub Division - I
Tirunelveli - 2


18/3/24
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli


18/3/25
Executive Engineer, TWAD Board
Urban Division, Tirunelveli

Laying of water pipe line Along NH – 44 Madurai – Kanyakumari (NHAI) from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350(RHS) and Trenchless crossing at KM 145/000

To Nagercoil
↑



NAME OF SCHEME :- Providing 9 MLD Raw water supply to SIPCOT Industrial Growth Centre, Gangaikondan in Tirunelveli District with river Tamiraparani as source

LEGEND
— 415mm dia-OPVC Pipe Line
--- BT End
--- Boundary

OFFICE
EXECUTIVE ENGINEER, TWAD BOARD
URBAN DIVISION, TIRUNELVELI

NOTES

ALL DIMENSIONS ARE IN M

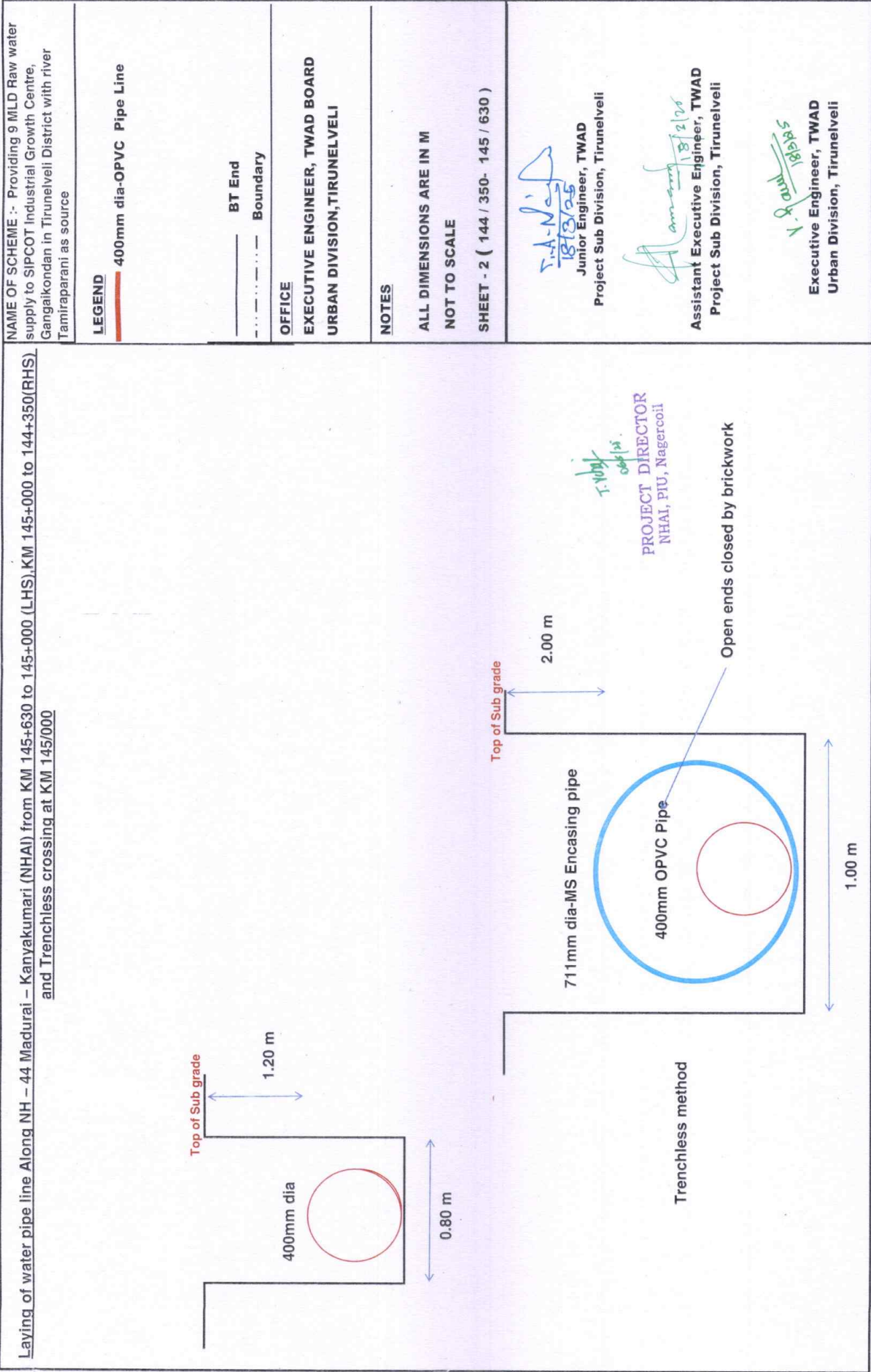
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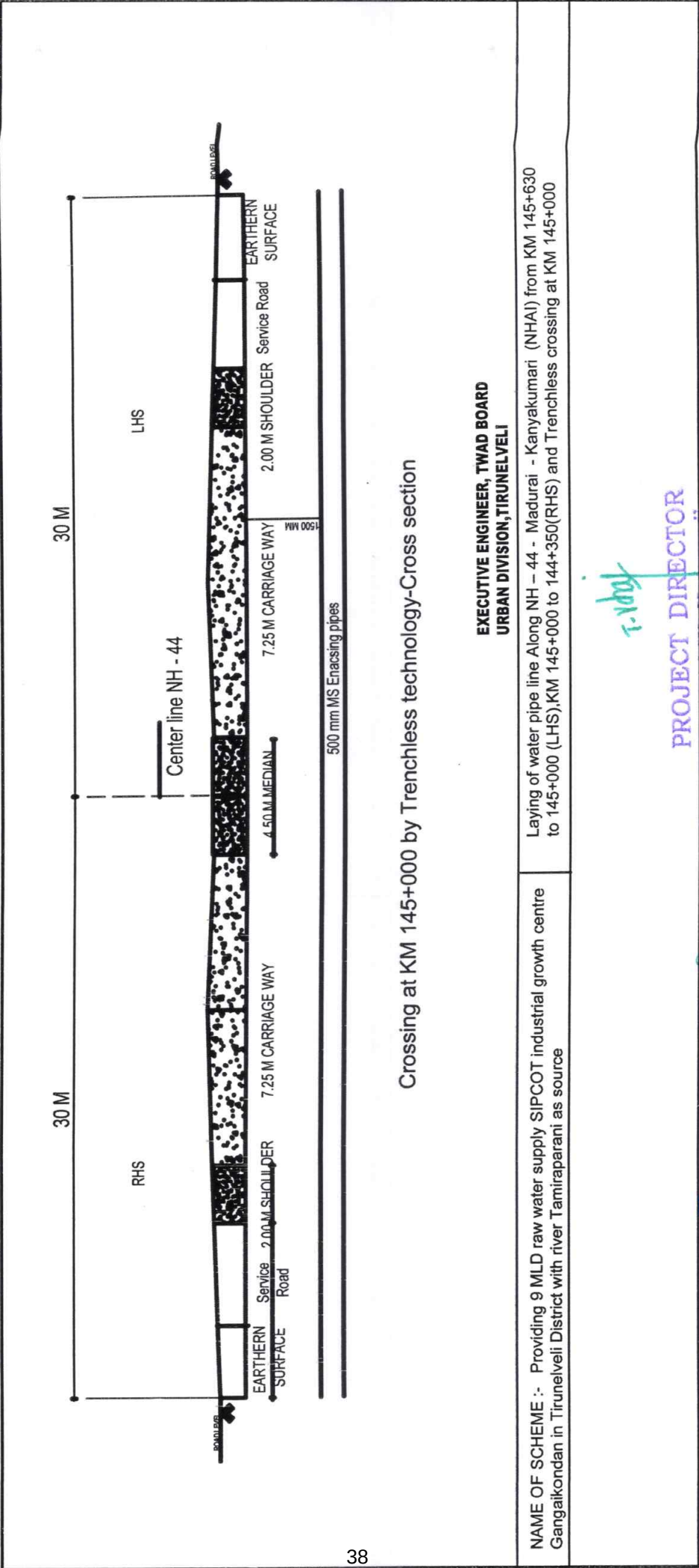
SHEET - 1 (144 / 350 - 145 / 630)

S.A. Nagesh
18/2/25
Junior Engineer, TWAD
Project Sub Division, Tirunelveli

A. Anand
13/2/24
Assistant Executive Engineer, TWAD
Project Sub Division, Tirunelveli

V. Ramesh
18/2/25
Executive Engineer, TWAD
Urban Division, Tirunelveli





EXECUTIVE ENGINEER, TWAD BOARD
URBAN DIVISION, TIRUNELVELI

Laying of water pipe line Along NH - 44 - Madurai - Kanyakumari (NHAI) from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350 (RHS) and Trenchless crossing at KM 145+000

NAME OF SCHEME :- Providing 9 MLD raw water supply SIPCOT industrial growth centre Gangaikondan in Tirunelveli District with river Tamiraparani as source

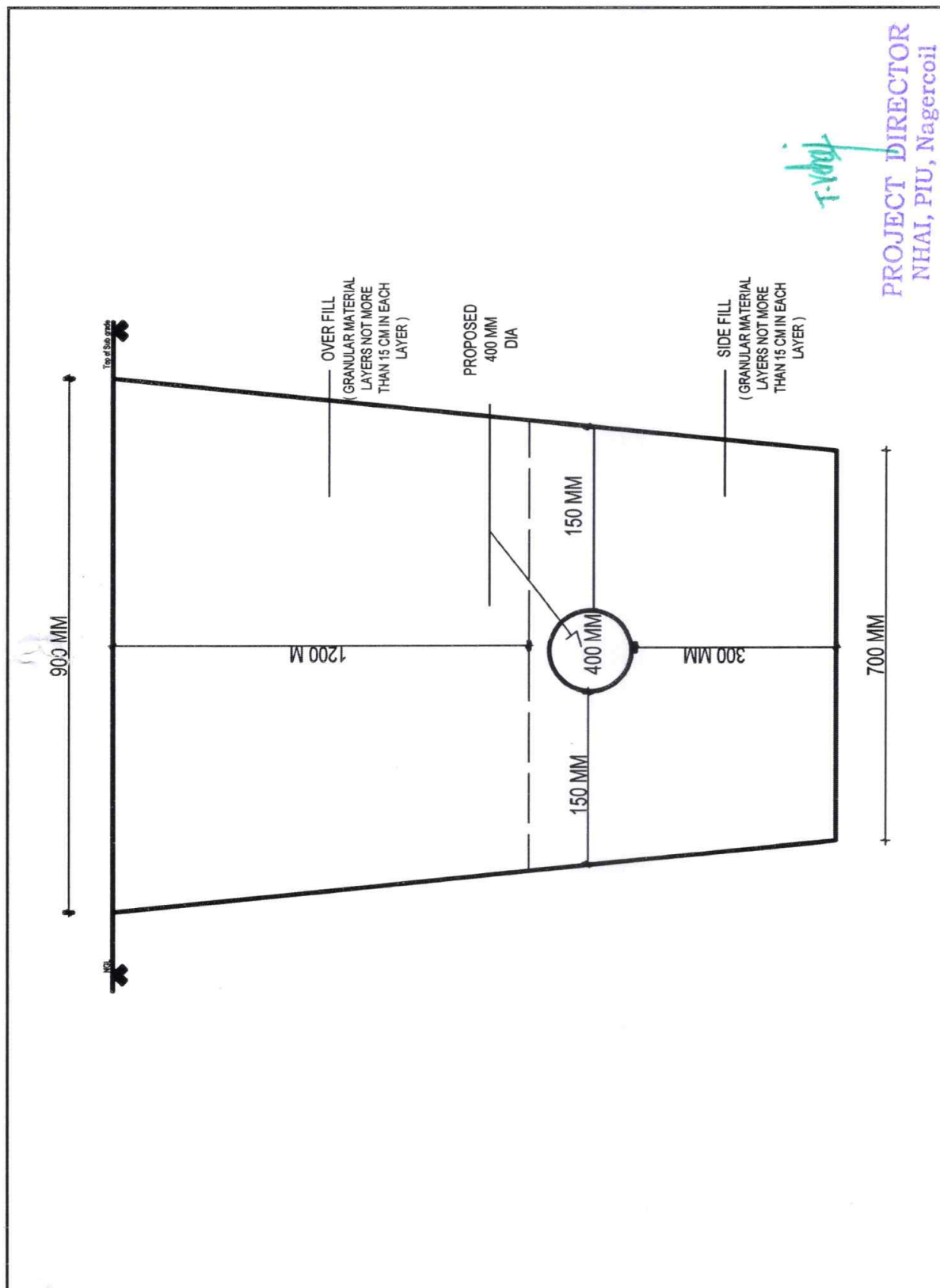
T. V. Raju

PROJECT DIRECTOR
NHAI, PIU, Nagercoil

T. A. N. S. S.
Junior Engineer
TWAD Board
Urban Sub Division - 1
Tirunelveli - 2

A. Anand
18/12/24
ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli

V. R. S. S.
18/12/25
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli



PROJECT DIRECTOR
NHAI, PIU, Nagercoil

Pipe laying along the road at KM 145+630 to 144+350 -Cross section

EXECUTIVE ENGINEER, TWAD BOARD
URBAN DIVISION, TIRUNELVELI

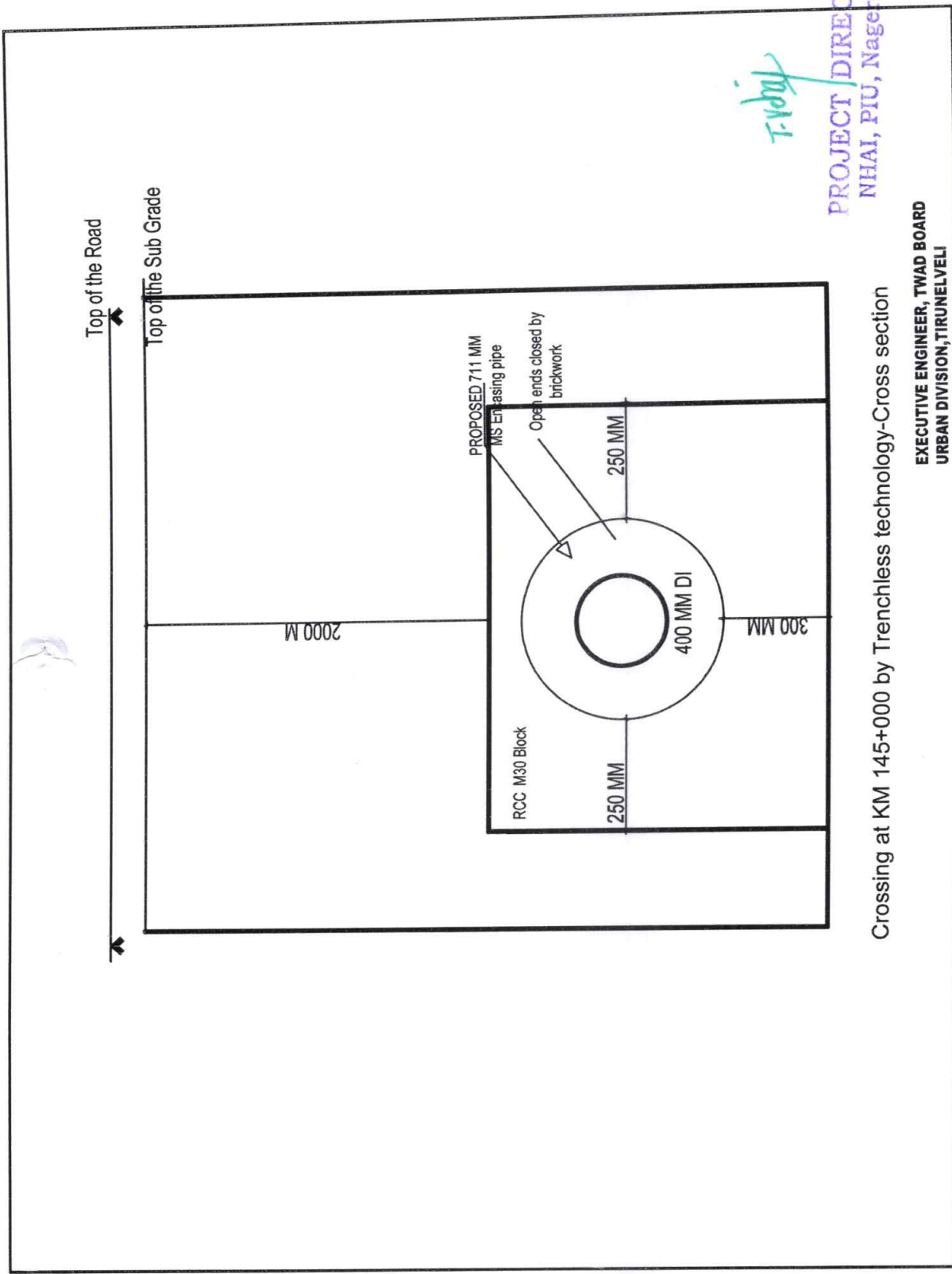
NAME OF SCHEME :- Providing 9 MLD raw water supply SIPCOT industrial growth centre Gangaikondan in Tirunelveli District with river Tamiraparani as source

Laying of water pipe line Along NH - 44 - Madurai - Kanyakumari (NHAI) from KM 145+630 to 145+000 (LHS), KM 145+000 to 144+350(RHS) and Trenchless crossing at KM 145+000

ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli

EXECUTIVE ENGINEER, TWAD Board,
Urban Division, Tirunelveli.

Y. R. Ravi 18/5/25



T.V. Raj

PROJECT DIRECTOR
NHAI, PIU, Nagercoil

EXECUTIVE ENGINEER, TWAD BOARD
URBAN DIVISION, TIRUNELVELI

NAME OF SCHEME :- Providing 9 MLD raw water supply SIPCOT industrial growth centreGangkondan in Tirunelveli District with river Tamiraparani as source

T.A. Nair
Junior Engineer
TWAD Board
Urban Sub Division - I
Tirunelveli - 2

18/3/24

ASSISTANT EXECUTIVE ENGINEER
TWAD Board, Project sub Division,
Tirunelveli

V. R. Ravi
18/3/24
Executive Engineer, TWAD Board,
Urban Division, Tirunelveli

அனுப்புநர்:

திருதங்கப்பாண்டியன்
சார்பதிவாளர் (பொ)
கங்கைகொண்டான்.

பெறுநர்:

Er.G.Ramasamy, B.E,
Assistant Executive Engineer,
TWAD Board,
Project Sub Division,
Tirunelveli - 627 002

ந.க.எண்.41/2025. நாள் : 31.01.2025.

பொருள் : வழிகாட்டி மதிப்பு - கங்கைகொண்டான் கிராமம் - வழிகாட்டி மதிப்பு
வழங்க கோரியது - தொடர்பாக

பார்வை : Assistant Executive Engineer, TWAD Board, Tirunelveli Lr No.F.SIPCOT /
AEE / 2025/ dt. 30.01.2025

பொருள் தொடர்பாக பார்வையில் காணும் கடிதத்தில்
குறிப்பிட்டுள்ளதற்கிணங்க கங்கைகொண்டான் கிராமம் உயர்ந்தபட்ச வழிகாட்டி மதிப்பு
கீழ்க்கண்டவாறு வழங்கப்படுகிறது.

வ.எண்	கிராமம்	நிலத்தின் வகைபாடு	மதிப்பு
1	கங்கைகொண்டான் பகுதி 1	நஞ்சை தேசியநெடுஞ்சாலையை ஒட்டியது வகை - I	1900500/ ஹெக்டேர்
2	கங்கைகொண்டான் பகுதி 1	குடியிருப்புப்பகுதி சிறப்பு வகை - I	3015/ சதுர மீட்டர்
3	கங்கைகொண்டான் பகுதி 2	புஞ்சை தேசிய நெடுஞ்சாலையை ஒட்டியவை வகை - I	2000000/ ஹெக்டேர்
4	கங்கைகொண்டான் பகுதி 2	குடியிருப்புப்பகுதி சிறப்பு வகை - I	1305/ சதுர மீட்டர்

31/1/25
சார்பதிவாளர் (பொ),

கங்கைகொண்டான்
சார்பதிவாளர்
கங்கைகொண்டான்

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MORTH Utility Portal

Application Details [20250204/17/18605/14414]

Highway	NH44 [NH44]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	RO-UP West RO-UP West
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	TAMILNADU WATER SUPPLY AND DRAINAGE BOARD Address: Executive Executive Engineer, TWAD Board, Office Building Complex, Seevalaperi Road, Shanthi Nager, Tirunelveli -627 002, TIRUNELVELI (TAMIL NADU), PIN: 627002 Phn: 9443095795 Email: eeurtly@gmail.com
Application Category	Public Utility
Utility	Water
State	TAMIL NADU
Type	New
Remarks	Laying of water pipe line Along NH – 44 Madurai – Kanyakumari (NHAI) from KM 145+630 to 145+000 (LHS), 145+000 to 144+350(RHS) and Trenchless crossing at KM 145+000
Submitted On	17 Mar 2025 15:08:58

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3/17/25, 3:10 P.

Details		
1. Length in Meters *	1310	
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *	30	
II. Right side from center line towards increasing chainage OR km direction *	30	
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *	29	
II. Right side from center line towards increasing chainage OR km direction *	0	
4. Proposal to acquire the land		
I. Left side from center line *	0	
II. Right side from center line *	0	
5. Whether proposal is in the same side where land is not to be acquired *	No	
If not then where to lay the cable *	NA	
6. Details of already laid services if any along the proposed route *	NA	
7. Number of Existing lanes *	4 Lane	

8. Proposed number of lanes *	4 Lane
9. Service road Exists *	No
10. Proposed Service road	
Left side from center line	0
Right side from center line	0
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	At Boundary
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	NA
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	Encasing pipes
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	NA
II. Is it on a line normal to NH? *	Yes

MoRTH Utility Portal

3/17/25, 3:10 P..

8. Proposed number of lanes *	4 Lane
9. Service road Exists *	No
10. Proposed Service road	
Left side from center line	0
Right side from center line	0
11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *	At Boundary
12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *	NA
13. Is crossing of the road involved? If Yes, is shall be either encased in pipes or through structure of conduits specially built for the purpose at the expense of the agency owing the line *	Encasing pipes
I. Whether the existing drainage structures are allowed to carry utility pipeline. *	NA
II. Is it on a line normal to NH? *	Yes

VIII. Mention the methodology proposed for crossing of road for the proposed sewerage / gas pipeline crossing shall be boring method (HDD) (Trenchless Technology) specially where the existing road pavement is of cement concrete of dense bituminous concrete type. *		Trenchless technology
14. Whether the proposal satisfies the following:		
I. Where the ROW is more than 45 M then the duct cable shall be laid at the edge of right of way within the utility corridor of 2 M width, duly keeping in view the future widening. *		NA
II. Where land is yet to be acquired for 4 laning and the position of new carriageway has been decided then the cable shall be laid at the edge of right of way within the utility corridor of 2 M width, on that side of existing carriageway where extra land is not proposed to be acquired for 4 laning. *		NA

III. Where the widening plan for 4 laning is not yet decided and available ROW is around 30 M or less, a judicious decision would need to be taken for permitting the laying of cable/duct. This could be within 1.5 M to 2m of utility corridor at the edge of existing ROW, duly keeping in view the possible widening plans. *	NA	
IV. Where 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	
V. Where land strip for utility corridor can't be conveniently earmarked (available ROW restricted to the toe of the embankment) for laying of cable/ducts, the permission may be refused. *	NA	
15. Document/Drawings enclosed with the proposal *	No	

I. Cross section showing the size of trench for open trenching method (is it normal size of 1.2m (min.) deep x 0.3 wide) *	Yes	
II. Cross section showing the size of pit and location of cable for HDD method *	Yes	
III. Strip plan/ Route plan showing the OFC, Chainage width of ROW, distance of proposed, cable from the edge of ROW, important mile stone, intersections, cross drainage works etc. *	Yesa	
IV. Methodology of laying of the Utility Pipeline/OFC *	Yes	
V. Open trenching method (may be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type) If yes what is the Methodology of refilling of trench *	Yes	
(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *	Yes	

3/17/25, 3:10 PM

(b) For filling of the trench, bedding shall be to a depth of not less than 30 cms. It shall consist of granular material, free of lumps, clods, cobbles and graded to yiled firm surface without sudden change in the bearing value, unsuitable soil and rock edges should be excavated and replaced by selected material *	Yes	
(c) The backfill shall be completed in two stages, i) Side fill to the level of the top of the pipe and ii) Overfill to the bottom of the road crust *	Yes	
(d) The side fill shall consist of granular material laid in 15 cms, layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the proctor density. Overfill shall be compacted to the same density as the material that has been removed. *	Yes	
(e) The road crust shall be built to the same strength as existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench. *	Yes	

5/17/25, 3:10 PM

MoRTH Utility Portal

(f) The excavation shall be protected by flagman, signs and barricades and red lights during night hours. *	Yes
(g) If required, a diversion shall be constructed at the expense of agency owing the utility line. *	Yes
VI. Horizontal Directional Drilling (HDD) Method *	Yes
VII. Laying OFC through CD Works and Method of laying (Whether to be hung outside parapet). *	Yes
16. Draft license Agreement signed by two witnesses. *	Yes
I. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016. *	Yes
17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&R, dated 22.11.2016. *	Yes
I. Confirmation of BG has been obtained as per MoRTH guidelines *	Yes

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18. Affidavit/Undertaking from the Applicant for following is to be furnished		
a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *	Yes	
b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *	Yes	
c) Undertaking Confirming all standard condition of Ministry's guidelines. *	Yes	
d) Undertaking for indemnity against all damages and claims *	Yes	
e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *	Yes	
f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *	Yes	
g) Undertaking that prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alteration to the utility located in the National Highway Right of Ways. *	Yes	

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h) Undertaking that expenditure is any incurred by NHAI for repairing any damage cause to the NH by laying, maintenance of shifting of the utility line will be borne by the applicant agency owing the line. *		Yes
i) Undertaking that text of the license deal is as per verbatim of format issued by MoRTH vide circular no. RW/NH/33044/29/2015/S&R dated 22.11.2016 *		Yes
j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *		Yes
k) Certificate from the applicant in the following format		
l) We do undertake that I/we will relocate service road/approach road/utilities at my/our own cost not withstanding the permission granted within such time us will be stipulated by NHAI for future six laning or/any other development		
19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *		Executive Engineer, TWAD
20. The Power of Attorney is in favour of authorized signatory? *		Yes

Locations					
Sno	State	District	Highway /Stretch	Start Point	End Point
1	TAMIL NADU	TIRUNELVELI	NH44 [NH44] (0.000-200.000) From Km: 144.35 To Km: 145.63	Chainage Point: 144.35 Lat: 8.826 Lng: 77.756	Chainage Point: 145.63 Lat: 8.817 Lng: 77.748
					View

Documents				
Sno	Stage	Document	Mandatory	Action
1	Under Submission	Layout and Drawings	Yes	View
2	Under Submission	Any Other Supporting Document	No	--
3	Under Submission	Any Document to indicate commercial activities are allowed on the land.	No	--
4	Under Submission	Safety Clearance from Directorate of Electricity	No	--
5	Under Submission	Safety Clearance from Chief Controller of Explosives	No	--
6	Under Submission	Safety Clearance from Petroleum and Explosives Safety Organisation	No	--
7	Under Submission	Safety Clearance from Oil Industry Safety Directorate	No	--
8	Under Submission	Safety Clearance from State/Central Pollution Control Board	No	--
9	Under Submission	Any Other Statutory Clearance as applicable	No	--

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Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	521353.80	