



# 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, माट्टुतावनी, मदुरै - 625107

2<sup>nd</sup> & 3<sup>rd</sup> 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/15018/4.6/03/2025/RO Madurai/E-286345/ 1101

3<sup>rd</sup> July, 2025

## INVITATION OF PUBLIC COMMENTS

**विषय: भाराराप्रा - क्षे.का. मदुरै- पकाई, त्रिची** - Requesting for laying of water pipe line along the road at LHS from Km 282/850 to Km 283/000 (150m) and at RHS from Km 283/000 to 286/000 (3000m) for a total length of 3150m and crossing at Km 283/000 at Ulundurpet - Padalur section of NH 45 (New NH 38) - Invitation of Public Comments - Reg.

**प्रसंग:** PD, Trichy Lr. No. NHAI/PD/TRY/P-T/TWAD/Utility/2025/1224 dated 26.06.2025.

The Proposal is regarding permission for laying of water pipe line along the road at LHS from Km 282/850 to Km 283/000 (150m) and at RHS from Km 283/000 to 286/000 (3000m) for a total length of 3150m and crossing at Km 283/000 at Ulundurpet - Padalur section of NH 45 (New NH 38) in the State of Tamil Nadu by Executive Engineer, TWAD Board, Urban Division, Trichy has been submitted to this office by PD, Trichy Lr. No. NHAI/PD/TRY/P-T/TWAD/Utility/2025/1224 dated 26.06.2025 in accordance with Ministry's latest guidelines dated 22.11.2016.

2) The alignment proposed by Executive Engineer, TWAD Board, Urban Division, Trichy for laying of water pipe line along the road at LHS from Km 282/850 to Km 283/000 (150m) and at RHS from Km 283/000 to 286/000 (3000m) for a total length of 3150m and crossing at Km 283/000 at Ulundurpet - Padalur section of NH 45 (New NH 38) is as detailed under:

Stretch in Km	Length (m)	Dia of pipe (m)	Available ROW (m)	Remarks
<b>Along NH- 45:</b> Km 282/850 to Km 283/000 (LHS)	150	0.4	60	Laying of pipe line along the extreme edge of ROW at a distance of 1.0m from ROW edge.
Km 283/000 to 286/000 (RHS)	3000			
<b>Across NH - 45:</b> Km 283/000	60	800mm dia MS encasing pipe with 400mm MS pipe	60	Laying of pipe line across by HDD Method at minimum depth of 1.55 m from top of the subgrade.

*Urish* Page 1 of 2

NHAI/15018/4.6/03/2025/RO Madurai/E-286345/ 1101

3<sup>rd</sup> July, 2025

3) The Right of Way is 60 m in the aforesaid stretch. Executive Engineer, TWAD Board, Urban Division, Trichy has proposed for laying of water pipe line along the road at LHS from Km 282/850 to Km 283/000 (150m) and at RHS from Km 283/000 to 286/000 (3000m) for a total length of 3150m and crossing at Km 283/000 at Ulundurpet - Padalur section of NH 45 (New NH 38) in the State of Tamil Nadu which is in conformity with Ministry's guidelines dated 22.11.2016.

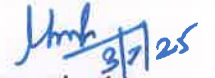
4) Executive Engineer, TWAD Board, Urban Division, Trichy has furnished an Undertaking to the effect that the applicant will move the laid water pipeline in future if required by NHAI at any time for expansion of the NH at their own cost without claiming any compensation from NHAI. Further, mentioned that Executive Engineer, TWAD Board, Urban Division, Trichy 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)

क्षे.का. मदुरै | RO-Madurai

संलग्न: As above

प्रतिलिपि:

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



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

परियोजना कार्यान्वयन इकाई - तिरुच्चि / Project Implementation Unit - Trichy  
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
दूर / Tele : +91-431 2482959 वेब / Web : www.nhai.org ई-मेल / E-mail : tri@nhai.org, trichynhai@gmail.com



E-Office No.

NHAI/PD/TRY/P-T/TWAD/Utility/2025/1224

June 26, 2025

To

The Regional Officer,  
National Highways Authority of India,  
2nd & 3rd floor, Vijay Krishna Plaza,  
No.1, Lake Area, Melur Main Road,  
Mattuthavani, Madurai - 625 107.

Sub: NHAI, PIU, TRICHY - Ulundurpet - Padalur section of NH 45 (New NH 38) - Executive Engineer, TWAD Board, Urban Division - Requesting for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 - MoRTH Application No. 20241226/1/7/20335/13036 dt.09.04.2025- In principle approval - Requested - Reg.

Ref: 1.Executive Engineer, TWAD Board, Urban Division Trichy, Lr. No.F.CWSS to Perambalur/JE 2024/dt.04.04.2025 (Received on 09.04.2025)  
2.T. O. Lr.No. NHAI/PD/TRY/Utility/TWAD/NH 38/2025/757 dt.09.04.2025,  
3.Concessionaire, TTPL/O&M/NH-38(45)/IC/2024/185 dt.30.05.2025 (Rd on 03.06.2025)  
4. TL, M/s. Feedback, Lr No. FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/140 dt.11.06.2025 (Received on 14.06.2025)

Sir,

The Executive Engineer, TWAD Board, Urban Division Trichy, vide reference 1<sup>st</sup> cited, has requested permission for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 of Ulundurpet -Padalur Section of NH 45 (New NH 38).

2. The Consultants & Concessionaire conducted joint inspection at site and submitted report vide references 3<sup>rd</sup> & 4<sup>th</sup> cited above, has recommended the proposal subject to the following observations.

- The pipe laying execution work should not affect the ROW drain, avenue plantation, HTMS cabling or any other structures. If any damages will occur to the structures the applicant should be replace at his own cost.
- All village road crossings must be executed using HDD method only.

26/06/25



iii. Strictly Manual method will be preferred for laying of pipeline where the ROW width is minimal.

3. In view of the recommendation of Team Leader, the following observations are made by PIU - Trichy.

- i. The works shall be carried out strictly as per the drawing submitted by applicant by open trench method and by HDD method wherever required.
- ii. All the existing utilities are to be verified by applicant before commencement of the work and ensure that no damage is caused to the existing utilities. Damages if any caused it has to be rectified by the applicant at their risk and cost.
- iii. The applicant has to ensure that avenue plantations, rain water harvesting system and boundary stones, existing paver blocks are not disturbed at the time of execution work. Damages if any caused it shall be got rectified by the applicant at their risk and cost.
- iv. The applicant shall pay Rs. 56,371/- towards one time license fee for 5 years through Bharatkosh portal and furnish the receipt.
- v. Performance BG towards proper restoration and completion of the laying work along the road Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 for an amount of Rs.902500/- as per Ministry circular dt.22.11.2016 & 17.04.2023 shall be furnished by the applicant and the confirmation of BG shall also be obtained from the respective branch as per NHAI guidelines. In case of improper restoration after laying, BG shall be forfeited.

3. The license fee has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 & 17.04.2023 based on Padalur Westvillage. Accordingly the highest prevailing guideline rate of Padalur West dry & wet lands abutting highways has been verified and advertizing to the rate published by Registration Department has been adopted.

S.no	Name of village	Chainage		side	length (in m) (L)	dia of pipe (m) (D)	utilized NH land area (d x l) (sq.m)	prevailing circle rate of land per unit area (sq.m) (rs)	license fee (private utility) (rs)
		From	To						
1	Padalur West	282.850	283.000	LHS	150	0.40	60.00	500.00	450.00
2	Padalur West	283.000	286.000	RHS	3000	0.40	1200.00	500.00	9000.00
3	Padalur West	286.000	-	Crossing	60	0.80	48.00	500.00	360.00
	Total				3210		1308.00		9810.00

**Minimum License Fee**
**10000**

Add: 6% per annum for 2 year	600.0	10600
Add: 6% per annum for 3 year	636.0	11236
Add: 6% per annum for 4 year	674.2	11910
Add: 6% per annum for 5 year	714.6	12625

**Minimum License Fee for Public Utility for  
5 years**
**56371**

A  
26/06





5. The amount of performance BG has been calculated in line with the MoRT&H policy guidelines dt.22.11.2016 as detailed below:

>1000mm dia = Rs.250/-

Total area of land to be utilized road from Km 282/850 to km.283/000 (LHS) & km.283/000 to km.286/000 (RHS) across the road @ km.283/000	-	3210 m
Rate of performance BG	-	Rs.250/-
Amount (3210*250)	-	Rs.8,02,500/-
Crossing at km.201/950	-	Rs.1,00,000/-
Total	-	Rs.9,02,500/-

In view of the above, the proposal submitted by the Executive Engineer, TWAD Board, Urban Division Trichy, vide reference 1<sup>st</sup> cited, has requested permission for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 of Ulundurpet -Padalur Section of NH 45 (New NH 38), may be considered for according in-Principle approval.

Yours faithfully,

A.N. Praveen Kumar  
26/06

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Encl: Proposal - (2 Original - 1 Copy)

Copy to:

- 1). The Team Leader, M/s. Feedback, Trichy for information.
- 2). The Project Manager, M/s. TTPL, for information.
- 3). Executive Engineer, TWAD Board, Urban Division Trichy, for information.

**CERTIFICATE**

Certified that, laying of sewage pipeline along the service road on RHS at Km.282/850 to 283 - 150m and Km.283 to 286-3000m total length 3150m and crossing at Km 283 of Ulundurpet - Padalur Section of NH 45 (New NH 38), is confirming of all standard condition issued vide Ministry Circular No. RW/NH-33044/29/2015/S&R (R) dt.22.11.2016

Certified that, any other location of the sewage water pipeline laying would be extremely difficult and unreasonable costly and the installation of water supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the Highway nor the likely future improvement such as widening of the carriageway, easing of curve etc., There is no proposal pending for 6 laning.

A.N. Praveen Kumar 26/06

(A.N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy

**CERTIFICATE**

Certified that, necessary entries have been made in the Register of seeking permission for laying of sewage pipeline along the service road on RHS at Km.282/850 to 283 - 150m and Km.283 to 286-3000m total length 3150m and crossing at Km 283 of Ulundurpet -Padalur Section of NH 45 (New NH 38), in the state of Tamil Nadu in Page no.63.

A.N. Praveen Kumar 26/06/25

(A. N. Praveen Kumar)  
DGM (T) & Project Director  
PIU - Trichy


**LICENSE FEES FOR PUBLIC UTILITY**

Utilized NH Land area X Prevailing Circle Rate of Land per Unit area X 1.5% per annum

SL. NO	NAME OF VILLAGE	CHAINAGE IN KM		SIDE	LENGTH (L) (in mt)	DIA OF THE PIPE (D) (m)	UTILIZED NH LAND AREA (D x L) (sq.m)	PREVAILING CRICLE RATE OF LAND PER UNIT AREA (sq.m) (Rs)	LICENSE FEE (PRIVATE UTILITY) (Rs)
		FROM	TO						
1	Padalur west	282.850	283.000	LHS	150	0.40	60.00	500.00	450.00
2	Padalur west	283.000	286.000	RHS	3000	0.40	1200.00	500.00	9000.00
3	Padalur west	283.000	-	Crossig	60	0.80	48.00	500.00	360.00
					<b>3210.00</b>		<b>1308.00</b>		<b>9810.00</b>

**License fee for 1st year**
**10000**

Add: 6% per annum for 2 year

600.0

10600

Add: 6% per annum for 3 year

636.0

11236

Add: 6% per annum for 4 year

674.2

11910

Add: 6% per annum for 5 year

714.6

12625

**Minimum License Fee for Public Utility for 5 years**
**56371 /-**





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

परियोजना कार्यान्वयन इकाई - तिरुच्ची / Project Implementation Unit - Trichy  
नं : 39, III - क्रॉस स्ट्रीट, कल्याण सुंदरम नगर, करुमंडपम, तिरुचिरापल्ली - 620 001  
No. 39, III - Cross Street, Kalyana Sundaram Nagar, Karumandapam, Tiruchirapalli - 620 001  
दूर/Tele : +91-431 2482959 वेब/Web : www.nhai.org ई-मेल/E-mail : tri@nhai.org, trichynhai@gmail.com



NHAI/PD/TRY/Utility/TWAD/NH 38/2025/757

April 09, 2025

To

The Team Leader,  
M/s. Feedback Infra Pvt Ltd,  
Plot No. 14, First Floor,  
Gokulam Colony,  
BikshandarKoil, Trichy 621216.

Sub: NHAI, PIU, TRICHY - Padalur - Trichy section of NH 45 (New NH 38) - Executive Engineer, TWAD Board, Urban Division - Requesting for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 - **Report sought for**- Reg.

Ref: 1. Executive Engineer, TWAD Board, Urban Division Trichy, Lr. No.F.CWSS to Perambalur JE/2024/dt.04.04.2025 (Received on 09.04.2025)  
2. NHAI Hqrs., policy circular no. 14.24/2023 dt.13.07.2023

Sir,

Please find enclosed herewith a copy of the proposal from Executive Engineer, TWAD Board, Urban Division - requesting for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 in the Padalur - Trichy section of NH-38 for inspection of site as per MoRTH guidelines dt.22.11.2016 and submission of recommendations.

2. If the proposal is found to be in order, then submit the checklist and drawings duly signed and sealed along with the calculation sheet for amount to be collected from the agency as license fee.

3. Further as per NHAI circular vide cited ref.2<sup>nd</sup> above, you are hereby instructed strictly to adhere with the time limits and other conditions as stipulated in the circular.

Yours faithfully,

Encl: Proposal-4No's

A.N. Praveen Kumar  
09/04/25

(A.N. Praveen Kumar)  
DGM (T) & Project Director

Copy to:

- PM, M/s. TPTPL, for information of necessary action and report.
- Executive Engineer, TWAD Board, Urban Division Trichy, for information.

## TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

From  
**Er.K.Thangaraj, B.E.,**  
 Executive Engineer,  
 TWAD Board,  
 Urban Division,  
 Trichy

To  
**The Project Director,**  
 National Highways Authority of India,  
 Project Implementation Unit,  
 Trichy.

NHAI - PIU - TRICHY	
9 APR 2024	
Dy.No:	13214
M(T)	
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SE-3	
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2020	

Lr.No.F.CWSS to Perambalur/JE/2024/dt.04.4.2020

Sir,

**Sub: TWAD Board - Providing Combined Water Supply Scheme to Perambalur Municipality, Padalur & Eraiyur SIPCOTs in Perambalur District – Laying of Pipe line in NHAI road on NH 38 land on LHS BETWEEN KM 282/850 to 283 – 150 m AND RHS 283 to 286 – 3000 m. TOTAL LENGTH 3150 m AND CROSSING AT KM 283 – Permission – requested – reg**

**Ref: 1) G.O.(MS) No. 149 MA & WS (WS2) Dept Dated 23.10.2024**

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In the reference 1st cited above, the Government of Tamilnadu have accorded Administrative Sanction Providing Combined Water Supply Scheme to Perambalur Municipality, Padalur and Eraiyur SIPCOTs in Perambalur District and technically sanctioned by the Chief Engineer, TWAD Board, Thanjavur. This work is in tender stage.

In this Combined Water Supply Scheme, pumping main lines are to be laid along and across the NH-38 road land on LHS between KM 282/850 to 283 – 150 m and RHS 283 to 286 – 3000 m. Total length of 3150 m and crossing at KM 283 to supply the protected water to the beneficiaries.


The proposed pumping main will be laid at the extreme end of the National Highway boundary. Normally the width of cutting for pumping main line will be 0.60 m. The depth of excavation for pumping main line will be 1.20m.

The plan showing the details of pumping main lines earth work excavation size and depth for each road.

Hence, I request that necessary permission may be accorded for laying of pipe line along and across NH-38 under Combined Water Supply Scheme to Perambalur Municipality, Padalur and Eraiyur SIPCOTs in Perambalur District, Tamilnadu, so as to complete the scheme before the target period.

**Encl. – 1.) Original - 2 Nos.,**

**2.) Duplicate Proposals – 3 Nos.**

  
Executive Engineer,  
TWAD Board,  
Urban Division, Trichy

  
4/4/25  
EE



Trichy Tollway  
Pvt Ltd

TTPL/O&M/NH-38(45)/IC/2024/185

30.05.2025

**The Team Leader,**

M/s. Feedback Infra Pvt. Ltd.,

Plot No.14, First Floor,

Gokulam Colony, Bikshandar Koil,

Trichy - 621 216

Sub: Independent Engineer Services for Operation & Maintenance period for Ulundurpet - Padalur Section NH 38 from Km 192.250 to Km 285/0000 - Padalur - Trichy Section of NH 38 from Km 285/000 to Km 325/000- Executive Engineer, TWAD Board, Urban Division – Requesting for laying of water pipe line along the road at Km 282+850 to 283+000 & 283 +000 to 286+000 for a total length of 3150 RM and a road crossing at 283 Km- **Concessionaire comments-Reg**

**Ref:**

1. Executive Engineer, TWAD Board , Urban Division, Trichy Lr No.F.CWSS to Perambalur JE/2024/dated 04.04.2025( Received on 09.04.2025)
- 2.NHAI Hqrs.,Policy Circular No. 14.24/2023 dated 13.07.2023
- 3.NHAI/PD/TRY/Utility/TWAD/NH-38/2025/757 dated 09.04.2025
- 4.FIPL/NH-38/Ulundurpet -Trichy /TL/2025-26/62 dated 29.04.2025

Dear Sir,

With reference to the cited letter, the Project Director, PIU Trichy, has forwarded a proposal from Executive engineer, TWAD Board regarding the laying of an underground water pipeline (TWAD) along NH-38. The proposed stretch is from Km 282/850 to Km 283/000 and from Km 283/000 to Km 286/000, for a total length of 3,150 meters (OT method), including a road crossing at Km 283/000 within the NH-38 limits. A field verification has been requested.

NHAI - PIU - TRICHY	
E-3 JUN 2025	
Dy.No:	2038
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DO	

Based on the site conditions and upon verification, we may permit the laying of the water pipeline within the Right of Way (ROW) along the specified chainage, subject to the following conditions:

- The work should not affect the avenue plantations, ROW drains, HTMS cabling, the main carriageway, or any existing structures.
- All village road crossings must be executed using the HDD (Horizontal Directional Drilling) method only.
- In sections where the ROW width is minimal, the pipeline laying shall be permitted strictly through manual methods.



CIN: U45100TG2006PTC049847  
Ragd Officer  
3rd Floor/C Block, TSR Towers  
B-3-1090, Rajbhavan Road,  
Hyderabad, Telangana-500082  
Tel: +91 40 40062583/84

Site Officer  
Km 247 NH - 38, Thirumandurai village & PO  
Perambalur Dist - 621 116  
Tamil Nadu  
Tel: +91 4323 243935

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Trichy Tollway  
Pvt Ltd

Accordingly, based on the above stipulations, permission may be granted to carry out the proposed work at the applicant's own cost and risk, ensuring no damage to National Highway property or assets.

This is for your kind information and necessary further action.

Based on the above recommendation, we may permit to carry out the above mentioned work at their own cost and risk without causing any damages to our property/ assets

This is for kind information and further action.

Yours truly.,

For Trichy Tollway private Limited

Authorized Signatory



CC. Project Director, NHAI, PIU Trichy, for kind information.

CIN: U45200TG2006PT0049817  
Regd Office:  
3rd Floor, C Block, TSR Towers,  
6-3-1090, Rajbhavan Road  
Hyderabad, Telangana-500082  
Tel: +91 40 40062583/84

Site Office:  
Km 217 NH - 38, Thirumandura Village & Po  
Perambalur Dist - 621 103  
Tamilnadu  
Tel: +91 4328 245935

isadak.com



NHAI - PIU - TRICHY	
14 JUN 2025	
Dy.No:	2209
M(T)	
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www.feedbackinfra.com

FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/140

Date: 11.06.2025

To,  
 The Project Director,  
 PIU- Trichy, National Highways Authority of India,  
 Door No.39,3<sup>rd</sup> Cross Street,  
 Kalyana Sundaram Nagar,  
 Karumandapam, Tiruchirappalli, Tamil Nadu 620 001

**Sub:** Independent Engineer Services for Operation & Maintenance period of 4-lane divided Carriageway of Ulundurpet - Padalur section of NH-38 from Km 192/750 to Km 285/000 - Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu under NHDP Phase-III on BOT basis- Executive Engineer, TWAD Board, Urban Division - Requesting for laying of water pipe line along the road at Km.282/850 to 283 - 150m and RHS Km.283 to 286-3000m total length 3150m and crossing at Km 283 - Report sought for- IE Comments-Reg.

Ref:

1. Executive Engineer, TWAD Board, Urban Division, Trichy, Lr No. F.CWSS to Perambalur JE/2024 dated 04.04.2025 (Received on 09.04.2025).
2. NHAI Hqrs., Policy Circular No. 14.24/2023 dated 13.07.2023.
3. NHAI/PD/TRY/Utility/TWAD/NH-38/2025/757 dated 09.04.2025.
4. FIPL/NH-38/Ulundurpet-Trichy/TL/2025-26/62 dated 29.04.2025.
5. TTPL/O&M/NH-38(45)/IC/2024/185 dated 30.05.2025.

Sir,

With reference to the above cited subject, the applicant has requested for laying of water pipeline along the NH -38 at Km282+850 to Km 283+000 and Km283+000 to Km 286+000 totally 3150m by Open Trench method and cross at Km283+000 by HDD method. In this regard, IE and the Concessionaire has inspected the site jointly and the IE comments are as follows,

1. The pipe laying execution work should not affect the ROW drain, avenue planation, HTMS cabling or any other structures. If any damages will occur to the structures the applicant should be replace at his own cost.
2. All village road crossings must be executed using HDD method only.

Corporate Office: Feedback Infra Private Limited, #351, Phase 2, Sector 20, Udyog Vihar, Gurugram, Haryana - 122016, Tel: +91 124 416 9100  
 CIN: U74899DL1990PTC040630

3. Strictly Manual method will be preferred for laying of pipeline where the ROW width is minimal.

In view of above, The Authority may issue In-Principle Approval to the applicant with conditions of above points. Similarly, if any damages occurred to the structures, the applicant should be replace it at his own cost.

This is for your kind information.

Yours faithfully,  
 for Feedback Infra Pvt Ltd in association with Sri Infotech,



(Y. Venu Gopala Rao)

Highway Maintenance Cum Resident Engineer



Copy to:

1. The Project Manager, M/s. TTPL Perambalur.
- 2 . The Project Manager, M/s. Feedback Infra Pvt, Ltd, Bangalore.

Application Details [20241226/1/7/20335/13036]	
Highway	NH38 [NH38]
Name of Highway Authority	NHAI Dwarka New delhi
Highway Administration Address	RO-Chennai RO-Chennai
Whether the Fuel Station is part of Rest-area complex	No
Name of Applicant/Oil Company	TWAD BOARD, URBAN DIVISION, TRICHY Address: TWAD, Integrated office complex No.35, J.K. Nagar Trichy-23 , TIRUCHIRAPPALLI (TAMIL NADU), PIN: 620023 Phn: 9787945254 Email: eetwadtry@gmail.com
Application Category	Public Utility
Utility	Water
State	TAMIL NADU
Type	New
Remarks	CWSS to Perambalur Municipality, Padalur & Eraiyur SIPCOTs in Perambalur District.
Submitted On	09 Apr 2025 11:20:01

Details		
1. Length in Meters *		3150
2. Width of available ROW		
I. Left side from center line towards increasing chainage OR km direction *		29.175
II. Right side from center line towards increasing chainage OR km direction *		34.292
3. Proposal to lay the utility		
I. Left side from center line towards increasing chainage OR km direction *		17.25
II. Right side from center line towards increasing chainage OR km direction *		17.25
4. Proposal to acquire the land		
I. Left side from center line *		17.25
II. Right side from center line *		17.25
5. Whether proposal is in the same side where land is not to be acquired *		Yes
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 *		Yes

<b>10. Proposed Service road</b>		
<b>Left side from center line</b>		11.25
<b>Right side from center line</b>		11.25
<b>11. Whether proposal to lay cable is after the service road or between the service road and main carriageway *</b>		N/A
<b>12. Whether carrying OFC Cable has been proposed on highway /bridges, If yes then mention the methodology proposed for the same *</b>		NA
<b>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 *</b>		Yes, Encased in MS pipe
<b>I. Whether the existing drainage structures are allowed to carry utility pipeline. *</b>		No
<b>II. Is it on a line normal to NH? *</b>		Yes
<b>III. What is the distance of crossing the utility pipelines from the existing structure? Crossings shall not be too near the existing structures on the National Highway, the minimum distance being 15 mtrs. *</b>		15.00



IV. The casing pipe (or conduit pipe in the case of electric cable) line carrying the utility line shall be of steel, cast iron or reinforced concrete and have adequate strength and be large enough to permit ready withdrawal of carrier pipe/cable Mention type of casting. *		MS Encasing pipe
V. Ends of the casing/conduit pipe shall be sealed from outside, so that is does not act as a drainage path *		Yes
VI. The casing/conduit pipe should be as minimum extend from drain in cuts toe of slope in fills. *		Yes
VII. The installation of Casing pipe shall be as per attachment-1 of Ministry's Guidelines dated 22.11.2016 *		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. *		HDD method
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. *		Yes

<b>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. *</b>		Yes
<b>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. *</b>		NA
<b>15. Document/Drawings enclosed with the proposal *</b>		Yes
<b>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) *</b>		Yes
<b>II. Cross section showing the size of pit and location of cable for HDD method *</b>		Yes
<b>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. *</b>		Yes
<b>IV. Methodology of laying of the Utility Pipeline/OFC *</b>		Open trench method & HDD-Trenchless method

<p><b>V. Open trenching method</b>  <b>(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 *</b></p>		<p>Backfill the excavated soil with comparirron @every 300mm.</p>
<p><b>(a) The trench width should be at least 30 cms but not more than 60 cms wider than the outer diameter of the pipe *</b></p>		<p>Yes</p>
<p><b>(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 *</b></p>		<p>Yes</p>
<p><b>(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 *</b></p>		<p>Yes</p>

(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
(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). *		No
16. Draft license Agreement signed by two witnesses. *		Yes, enclosed with proposal



<b>i. The license fee estimate as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&amp;R dated 22.11.2016. *</b>		Yes
<b>17. Whether Performance Bank Guarantee is as per Ministry's guidelines issued vide circular no. RW/NH/33044/29/2015/S&amp;R, dated 22.11.2016. *</b>		Yes
<b>i. Confirmation of BG has been obtained as per MoRTH guidelines *</b>		Yes
<b>18. Affidavit/Undertaking from the Applicant for following is to be furnished</b>		
<b>a) Undertaking not to Damage to other utility, if damage then to pay the losses either to NHAI or the concerned agency. *</b>		Yes
<b>b) Undertaking Renewal of Bank Guarantee as and when asked by MoRTH. *</b>		Yes
<b>c) Undertaking Confirming all standard condition of Ministry's guidelines. *</b>		Yes
<b>d) Undertaking for indemnity against all damages and claims *</b>		Yes
<b>e) Undertaking for management of traffic movement during laying of utility line without hampering the traffic *</b>		Yes

<b>f) Undertaking that if any claim is raised by the concessionaire/ contractor then the same has to be paid by the applicant. *</b>		Yes
<b>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. *</b>		Yes
<b>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. *</b>		Yes
<b>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&amp;R dated 22.11.2016 *</b>		Yes
<b>j) Undertaking for shifting of utility as and when asked by MoRTH/ NHAI. *</b>		Yes
<b>k) Certificate from the applicant in the following format</b>		
<b>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 as will be stipulated by NHAI for future six laning or/any other development</b>		

<b>19. Who will sign the agreement on behalf of Applicant agency? Power of Attorney to sign the agreement is available or not. *</b>		Executive Engineer, TWAD Board, Urban Division, Trichy-23.
<b>20. The Power of Attorney is in favour of authorized signatory? *</b>		Yes

Locations						
Sno	State	District	Highway /Stretch	Start Point	End Point	View
1	TAMIL NADU	PERAMBALUR	NH38 [NH38] (100.000-300.000) From Km: 282.85 To Km: 286	Chainage Point: 282.85 Lat: 11.12 Lng: 78.83	Chainage Point: 286 Lat: 11.09 Lng: 78.82	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	--

Applicable Fee Details					
Sno	Fee Head	Stage	Fee	Amount	Status
1	Utility Fees	Technical Approval	License Fees	945945.00	

PROPOSAL SEEKING NOC & PERMISSION FOR LAYING OF WATER PIPELINE UNDER COMBINED WATER SUPPLY SCHEME TO PERAMBALUR MUNICIPALITY, PADALUR & ERAIYUR SIPCOTs IN PERAMBALUR DISTRICT- BY TWAD BOARD ON EXISTING NH 38 LAND ON LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0.

LIST OF ENCLOSURE

01. Covering letter
02. Checklist
03. Drawings (Plan & Cross section)
04. License Deed for the use of NAHI land
05. Undertaking
06. Indemnity bond



CHECK — LIST

Guidelines for Project Directors for processing the proposal for laying of water supply pipe line in the land along National Highways vested with NHAI.

Relevant Circulars.

1. Ministry Circular No. NH-41 (58)68 dated 31.1.1969
2. Ministry Circular No. NH-III/P/66/78 dated 18/19.11.1976
3. Ministry Circular No. RW/NH-III/P/66/78 dated 11.5.1982
4. Ministry Circular No. RW/NH-11037/186-DO1(ii)dated 28.7.1993
5. Ministry Circular No. RW/NH-11037/186-D01 dated 19.1.1995
6. Ministry Circular No. RW/NH- 34066/2/95 S&R dated 25.10.1999
7. Ministry Circular No. RW/NH- 34066/7/2003 S&R (B) dated 17.9.2003

**Check list for getting approval for laying of water supply Pumping main pipe line along on NH 38 land on LHS between km 282/850 to 283/0 – 150 m and RHS between km 283 to 286 – 3000 m - total length 3150 m and crossing at km 283/0.**

SL NO	Item	Information/ status	Remarks
1	General Information		
1.1	Name and Address of the applicant/Agency	Executive Engineer, TWAD Board Urban Division, Trichy	
1.2	National Highway Number	38	
1.3	State	Tamil Nadu	
1.4	Location	Trichy	
1.5	(Chainage in km)	On LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000m - TOTAL LENGTH 3150m.	
1.6	Length in Meters	3150 m	
1.7	Width of available ROW	10 m	
	(a) Left side from center line towards increasing chain age/km direction.	25 to 35 m -Marked in drawing	
	(b) Right side from center line towards increasing chain age/km direction.	25 to 35 m- Marked in the drawing	
1.8	Proposal to lay underground pipe line		
	Left side from center line towards increasing chainage/km direction.	On LHS km 282/850 to 283/0 – 150 m	
	Right side from center line towards increasing chainage/km direction.	On RHS km 283 to 286- 3000m.	
1.9	Proposal to acquire land	NA	
	(a) Left side from center line	Ranging 10m to 20m in RoW	
	(b) Right side from center line	Ranging 10m to 20m in RoW	
1.10	Whether proposals is in the same side whether land is not to be acquired	NA	
	If not then where to lay the cable		
1.11	Details of already laid services, if any, along the-NIL ./ Proposed route.	NIL	
1.12	Number of lanes (2/4/6/8 lanes)	4 lanes	
1.13	I Proposed Number of lanes (2) lane with paved shoulders/4/6/8 lanes)		
1.14	Service road existing or not	Yes	
	If yes then which side		

18/08/25  
EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
TRICHY

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Y.VENU GOPALA RAO  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

	Left side from center line	14.75 m	
	Right side from center line	14.00 m	
1.15	Proposed service center line	No service road proposed in this limit.	
	Left side from center line	-	
	Right side from center line	-	
1.16	Whether proposals to lay water supply pipe line is after the service road or between the service road and main carriageway	At the extreme end of ROW in utility corridor	
1.17	The permission for laying of water supply pipe line shall be considered for approval rejection based on the Ministry circulars mentioned as above.	Consider for approval based on the Ministry circular	
	Carrying of sewage/gas pipelines on highway bridges shall not be permitted as fumes/gases pipes can accelerate the process of corrosion or may cause explosions, thus, being much more injurious than leakage of water	Water supply Pipeline	
	Carrying of water pipe lines on bridge shall also		
	Carrying of water pipe lines on bridge shall also be discouraged. However, if the water supply authorities seem to have no other viable alternative and approach the highway authority well in time before the design of the bridges finalized, they may be permitted to carry the pipeline on independent superstructures 1 support on extended portions of piers and abutments in such a manner that in the final arrangement enough free space around the superstructure of the bridge remains available for inspection and repairs, etc.	NA	
	Cost of required extension of the substructure as well as that of the supporting superstructure shall be borne by the agency-in-charge of the utilities	NA	
	Services are not being allowed indiscriminately of the parapet/any part of the bridges, safety of the bridges has to be kept in view while permitting various services along bridge. Approvals are to be accorded in this regard with the concurrence of the Ministry's Project Chief Engineers only		
1.18	If crossings of the road involved	Yes @ Km 283	MS pipe of 800mm dia is used as casing pipe for water carrying pipe of 400mm MS pipe
	If yes, it shall be either encased in pipes or through structure of conduits specially built for that purpose at the expenses of the agency owning the line	Yes, Encased in pipes	
	Existing drainage structures shall not be allowed to carry the lines.	Nil	
	Is it on a line normal to NH	Yes	
	Crossing shall not be too near the existing structures on the National Highway, the minimum distance being 15 meter. What is the distance from the existing structures	Nil	
	The casing pipe (or conduit pipe in the case of electric cable) carrying the utility line shall be of adequate strength and be large enough to permit ready withdrawal of the carrier pipe/cable	Yes MS pipe	
	Ends of the casing/ conduit pipe shall be sealed from the outside, so that it does not act as a drainage path.	Yes	
	The casing/ conduit pipe should be minimum extend from drain to drain in cuts and toe of slope toe of slope in the fills.	Yes	

*Am. J. S. K.*  
**DGM (I) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU TRICHY - 620 001.**

*24/4/25*  
**EXECUTIVE ENGINEER**  
**TWAD Road Urban Division,**  
**TRICHY**

28

**Y. VENU GOPALA RAO**  
**HME CUM RE**

**IE-UKundurpet - Trichy**  
**Feedback - Tamil Nadu**



	The top of the casing/conduit pipe should be at least 1.2 meter below the surface of the road subject to being at least 0.3m below the drain inverts.	Yes	
	Crossing shall be by boring method (HDD) specially where the existing road pavement is of cement concrete or dense bituminous concrete type.	Yes, trenchless method & HDD method	
2	Document/ Drawing enclosed with the proposal	Yes	
2.1	Cross section showing the size of trench for open trenching method (is it normal size of 1.2m deep X 0.60m wide)	Yes	
	Should not be greater than 60cm wider than the outer diameter of the pipe	Yes	
	(ii) Located as close to the extreme edge of the right-of-way as possible but not less than 15 meter from the center lines of the nearest carriageway.	Yes	
	(iii) Shall not be permitted to run along the National Highways when the road formation is situated in double cutting Nor shall these be laid over the existing culverts and bridges.	Yes	
	(iv) These should be so laid that their top is at least 0.6 meter below the ground level so as not to obstruct drainage of the road land.	Yes	
2.2	Cross section showing the size of the pit and location of pipe line for HDD method.	Yes, Enclosed	
2.3	Strip plan/ route plan showing water supply pipe line, changing, width of RoW, distance of proposed, pipe line from edge of RoW, important mile stone, intersections, cross drainage work etc.	Yes, Enclosed	
2.4	Methodology for laying of showing water supply pipe line	Yes, Enclosed	
2.4.1	Open trench method (May be allowed in utility corridor only where pavement is neither cement concrete nor dense bituminous concrete type. If yes, Methodology of refilling of trench.	NA	
	The trench width should be at least 30cm, but not more than 60cm wider than the outer diameter of the pipe.	Yes	
	For filling the trench, Bedding shall to be a depth of not less than 30cm. It shall consist of granular material, free of lumps clods and cobbles and period to yield a firm surface without sudden change in the bearing value. Unsuitable soil and should be excavated and replaced by selected location.	Yes	
	The back fill shall be complete two stages (i) soil fill to the level of the top of the pipe and (ii) soil to the bottom of the road crust.	Yes	
	The side fill shall consist of granular material laid in 15cm layers each consolidated by mechanical tampering and controlled addition of moisture to 95% of the Proctor's Density overall shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted	Yes	
	The road crust shall be build to the same strength as the existing crust on either side of the trench. Care shall be taken to avoid the formation of a dip at the trench	Yes	
	The excavation shall be protected by flagman, signs and barricades, and red lights during night hours.	Yes	
	If required, a diversion shall be constructed at the expense of agency owning the utility line	Yes	
2.4.2	Horizontal directional drilling (HDD) Method	Yes	
2.4.3	Laying of water supply pipe line through CD works and method of laying.	Yes	
	On approaches, the water mains/cables shall be carried along a line as close to the edge of the right-of way as possible up to a distance of 30cm from the bridge and subject to all other stipulations contained in this Ministry's guidelines issued with letter No. NH-HI/P/66/76 dated 19.11.1976	Yes	

A.N. / [Signature]  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

EXECUTIVE ENGINEER  
Urban Division,  
TIRUCHY

Y.VENU GOPALA RAO  
HME CUM RE  
IE-Undurpet - Trichy  
Feedback into P.O. No.

LYND 1224 DT: 26.01.25

3	Draft license Agreement signed by two witnesses	Yes	
4	Performance Bank Guarantee in favor of NHAI has to be obtained @ Rs.250/- per crossing of NH, for a period of one year initially (extendable if require till satisfactory completion of work) as a security for ensuring/making good the excavated trench for laying the cable/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.	Will be given after getting approval.	
4.1	Performance BG as per above is to be obtained.	Will be given after getting approval	
4.2	Confirmation of BG has been obtained as per NHAI guidelines.	Will be given after getting approval	
5	Affidavit/ Undertaking from the Applicant for	Furnished	
5.1	Not to damage to other utility, if damaged then to pay the losses either to NHAI or to the concerned agency.	Furnished	
5.2	Renewal of Bank Guarantee.	NA	
5.3	Confirming all standard condition of NHAI's guideline	Furnished	
5.4	Shifting of water supply pipe line as and when required by NHAI at their own cost	Furnished	
5.5	Shifting due to 6 laning/widening of NH	Furnished	
5.6	Indemnity against all damages and claims clause (xxiv)	Furnished	
5.7	Traffic movement during laying of water supply pipe line to be managed by the applicant	Furnished	
5.8	If any claim raised by the concessionaire then the same has to be paid by the -applicant	Furnished	
5.9	Prior approval of the NHAI shall be obtained before undertaking any work of installation, shifting or repairs, or alterations to the showing water supply line located in the National highway right-of- ways.	yes	
5.10	Expenditure, if any, incurred by NHAI for repairing any damage caused to the National Highway by the laying, maintenance of shifting of the water supply pipe line will be borne by the agency owning the line.	yes	
5.11	If the NHAI considers if necessary in future to move the utility line for any work of improvement or repairs to the road, it will be carried out as desired by the NHAI at the cost of the agency owning the utility line within a reasonable time (not exceeding 60 days) of the intimation given.	yes	
5.12	Certificate from the applicant in the following format	yes	
	Laying of water supply pipe line will not have any deleterious effects on any of the bridge components and roadway safety for traffic.		
	for 6-laning '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 six laning or another development'.		
6	Who will sign the agreement on behalf of water supply pipe line agency	Executive Engineer, TWAD Board Urban Division, Trichy	
7	Certificate from the Project Director		
7.1	Certificate for confirming of all standard condition issued vide Ministry Circular No. Ministry Circular No. NH-41 (58)68 dated 31.1.1969, Ministry Circular No. NH-111/P/66/78 dated 18/19.11.1976, Ministry Circular No. RW/NH-111/P/66/78 dated 11.5.1982, Ministry Circular No. RW/NH- 11037/186-001(ii) dated 28.7.1993, Ministry Circular No. RW/NH-11037/186-001 dated 19.1.1995. Ministry Circular No. RW/NH- 34066/2/95 S&R dated 25.10.1999, Ministry Circular No. RW/NH-34066n/2003 S&R (8) dated 17.9.2003	yes	

*Am. Harek*  
**DGM (T) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU-TRICHY - 620 001.**

**EXECUTIVE ENGINEER**  
**TWAD Board, Urban Division,**  
**Trichy**

**Y. VENU GOPALA RAO**  
**HME CUM RE**



LOND 1224 DT: 26.06.25

7.2	Certificate from PD in the following format (i) "It is certified that any other location of the water supply pipe line would be extremely difficult and unreasonable costly and the installation of water supply pipe line within ROW will not adversely affect the design, stability & traffic safety of the highway nor the likely future improvement such as widening of the carriageway, easing of curve etc."	yes	
	(ii) For 6-laning.	yes	
	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 said location.	yes	
	In case feasibility report is not available "I do certify that sufficient ROW is available at site for accommodating proposed six-laning"	yes	
8	If NH section proposed to be taken up by NHAI on 13UT basis - a clause is to be inserted in the agreement " The permitted highway on which licensee has been granted the right to lay Pipe line/duct has also been granted as a right of way to the concessionaire under the concession agreement for up-gradation of (...Km 80/000-section from 136/490) and therefore, the licensee shall honor the same".	NH 38 On LHS km 282/850 to 283/0 - 150m & RHS km 283 to 286 - 3000m Total length 3150 m.	
9	Who will supervise the work of laying of water supply pipe line.	Executive Engineer, TWAD Board, Urban Division, Trichy and NHAI Independent consultant and NHAI officials	
10	Who will ensure that the defects in road portion after laying of water supply pipe line are corrected and if not corrected then what action will be taken.	Executive Engineer, TWAD Board Urban Division, Trichy and NHAI Independent consultant and NHAI officials	
11	Who will pay claims for damages done/disruption in working of concessionaire if asked by the concessionaire	Executive Engineer, TWAD Board Urban Division, Trichy	
12	A certificate from PD that he will enter the proposed permission in the register of records of the permissions in the prescribed proforma (copy enclosed)	Enclosed	
13	If any previous is accorded for laying of underground water supply pipe line then photo copy register of recorder of permissions accorded as maintained by PD then copy be enclosed.	NA	

**Certificate**

Proposal: Permission for laying of water supply Pumping main pipe line along NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283/0.

**It is certified that:**

1. The proposal is in accordance with Ministry guideline.
2. There will be no hindrance the proposed pipe line since the LA is completed for 30 M RoW.
3. The proposal if approved will be entered in register of records of permission.
4. There will be no hindrance to –proposed six laning based on the feasibility report considering proposed structures at the said location for which LA is complete.

EXECUTIVE ENGINEER  
TWAD Board, Urban Division  
TRICHY

AN. HAVEL K.  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-Trichy - 620 001

Y.VENU GOPALA RAO  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Thruchy - Tamil Nadu

### Annexure-I

Conditions to be enclosed/incorporated in the approval letter for permission for laying of Water pipe line for Combined Water Supply Scheme to Perambalur Municipality, Padalur & Eraiyur SIPCOTs in Perambalur District.

1. The Water 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 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 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 underground utility shall ensure that laying Water 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 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 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.

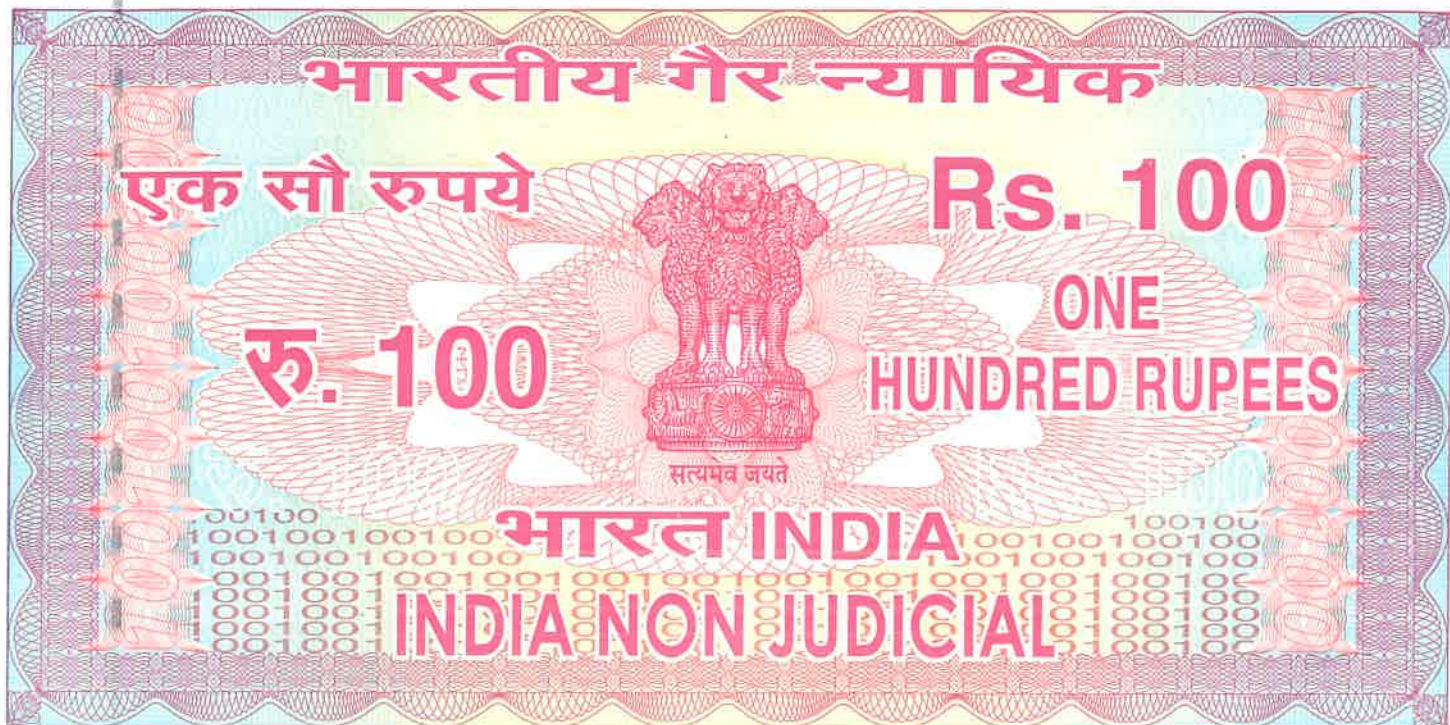
- (b) Filling of the trench shall conform to the specifications contained herein below.
  - (c) Bedding shall be to a depth of not less than 30 cm. It shall consist of granular material, free of lumps, clods and cobbles and graded to yield a firm surface without sudden change in the bearing value. Unsuitable 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 side fill shall consist of granular material laid in 15 cm layers each consolidated by mechanical tamping and controlled addition of moisture to 95% of the Proctor's Density. Overfill shall be compacted to the same density as the material that had been removed. Consolidation by saturation or ponding will not be permitted.
  - (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 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 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 pipe line will be borne by the agency owning the Water pipe line.
  18. If the NHAI considers it necessary in future to move the Water 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 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 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 @ Rs100/- 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.
  22. The licensee shall shift the Water 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 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 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 @ Rs100/- 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 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 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 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 pipe line /ducts located in highway land/property shall be deemed to have been constructed and continued 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 pipe line shall not be brought in to use by the licensee unless a completion certificate to the effect that the laying of Water 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 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 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 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, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016.
  - 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 pipe line, as per the specification/stipulation and the alignment as approved.
  - 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, Ministry Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 and the approved plan.
  - e) To obtain a performance bank guaranty @ Rs. 100/- 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.





தமிழ்நாடு தமில்நாடு TAMILNADU

- 7 FEB 2025

DX 641630


அ. ஷம்ஷாத், மு.வி.  
தொழிலாளர் நீதி மன்றம்  
மாவட்ட நீதி மன்ற வளாகம்  
எண்: 2/2000, திருச்சி  
செல் எண்: 93451 61811

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

Agreement to lay pipe line / ducts etc. on NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0.

This agreement made this .....day of..... (Month) of..... (Year) between the National Highway Authority India acting in his executive capacity through (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and the Executive Engineer, (Tamilnadu water Supply and Drainage Board) Urban Division and having its registered office at TWAD Board Integrated office building, J.K.Nagar, Kajamalai, Trichy-620023 (hereinafter called the "Licensee" )

Which expression shall unless excluded by repugnant to the context include his administrator assignees on the second part.

  
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TWAD Board, Urban Division,  
TRICHY

Whereas the Authority is responsible, inter-alia. For development and Maintenance of land in LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0.

Whereas Licensee proposes to lay pipe/ ducts etc. referred to as utility Service in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility service from LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL

LENGTH 3150 m AND CROSSING AT KM 283/0.

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 witnesses that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per 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 existing user by the subsequent user, the Authority shall not be held accountable liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs ...../sq m/month to the Authority. The License fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.

  
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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 is 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 I landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing I 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 Specification 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 ;cad 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.

  
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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 lot crossing the road may be installed under the road embankment either by rig or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cm. wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
  - i. 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.
  - ii. 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
  - iii. The side fill shall consist of granular material laid in 15 cm. Layers each consolidated by mechanical tamping and colmolled 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 saturation or bonding will not be permitted.
  - iv. 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 1 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 designated agency as a security against improper restoration of ground in terms of filling/unsatisfactory compaction damages caused to

  
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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 month 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 licenses shall the utility services within 90 (or as specified by the respective Authority) from the date of issue 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 commence commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company again t damage to already existing underground installations/utilities /facilities etc.
23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency I 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 11, 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 read to the original condition at its cost. If due to unavoidable reasons the road needs to be cut for crossing or laying

  
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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 works shall have to be the Licensee.
27. Each day, the extent of digging the trenches should be strictly regulated so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnify the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cable/ducts.
29. The permission for laying utility services is granted maximum for 5 years at a time, which can thereafter be considered for renewal. On payment of additional fee at the time of renewal, the permission shall automatically be renewed, unless defaults exist. In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land I 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.

  
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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 cables 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 Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance, necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specification and drawings and trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant India'n 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 measures like barricading, danger lighting and other necessary caution board while executing the work.
40. While laying utility services, at least one lane of road shall be kept open to L111fffc 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

  
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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. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires. MoRT&H/ NHAI implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

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

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

SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI \_\_\_\_\_

SIGNED ON BEHALF OF M/S \_\_\_\_\_ (Licensee)

BY SHRI \_\_\_\_\_

(Signature, Name & Address with stamp)

**EXECUTIVE ENGINEER**  
TWAD Board, Urban Division,  
TRICHY

HOLDERS 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 \_\_\_\_\_

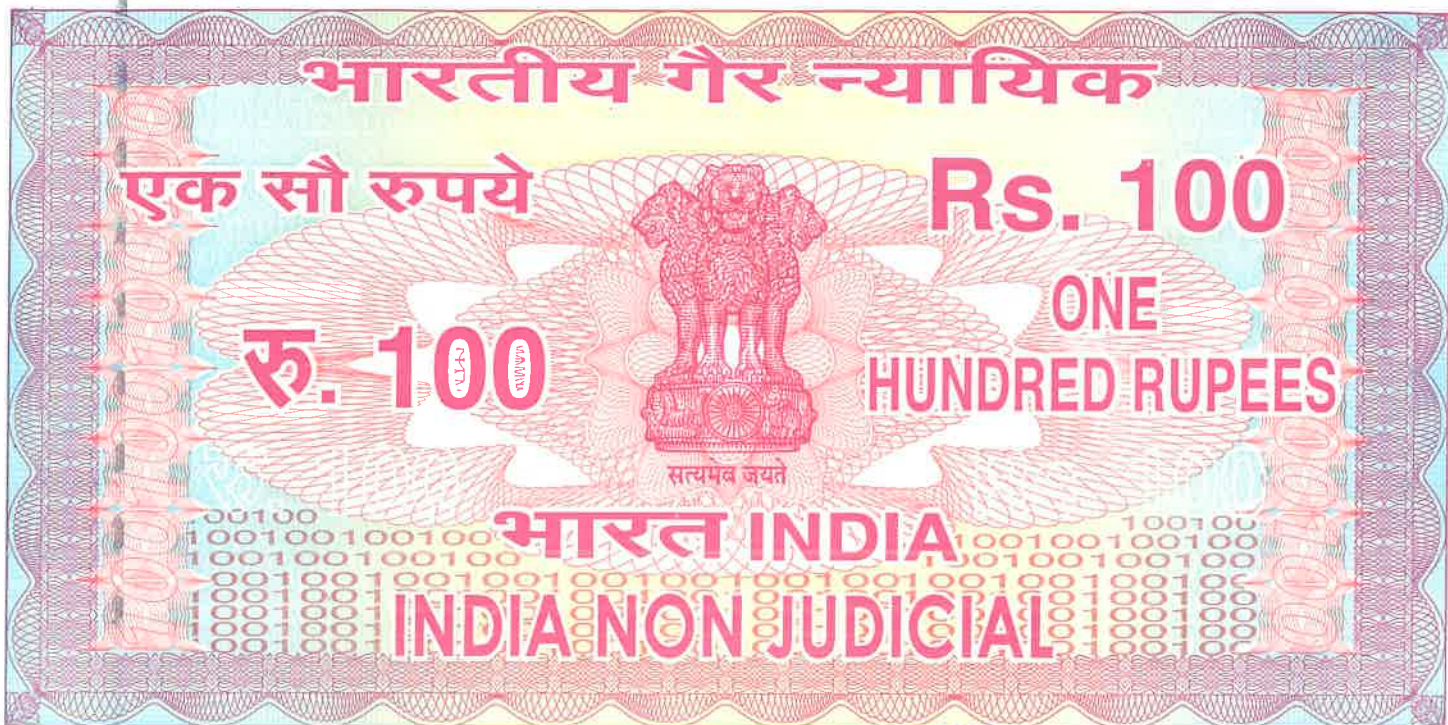
IN THE PRESENCE OF (WITNESSES)

1.   
**Assistant Executive Engineer**  
TWAD Board

Urban Sub Division I  
Trichy

2.   
**JUNIOR ENGINEER**  
TWAD BOARD  
URBAN SUB DN-I  
TRICHY





7 FEB 2025

தமிழ்நாடு தமில்நாடு TAMILNADU

DX 641633  
 அ. வ. ம. வ. த. ம. வ.  
 தொழிலாளர் நீதி மன்றம்  
 மாவட்ட நீதி மன்ற வளாகம்  
 எண்: 2/2000, திருச்சி  
 செல் எண்: 93451 61811



## UNDERTAKING

The Executive Engineer, Tamil Nadu Water supply and Drainage Board Urban Division, Trichy. Laying of water supply Pumping main pipeline in NH 38 land on LHS BETWEEN KM 282/850 to 283/0 - 150 m AND RHS BETWEEN KM 283 to 286 - 3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283/0 in the state of Tamil Nadu, National Highways, We here by undertake the Standard Conditions of NHAI Guide lines.

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 water supply pipe lines, underground installation/utilities etc, The Executive Engineer, Tamil Nadu Water supply and Drainage Board, Urban Division, Trichy shall be responsible to ascertain from the respective agency in coordination with NHAI. Executive Engineer, TWAD Board, Urban Division, Trichy shall ensure the safety and security of already existing pipe lines /underground installation/utilities facilities etc. before commencement of the excavation.
2. **Renewal of Bank Guarantee:** The Executive Engineer, TWAD Board, Urban Division, Trichy shall furnish a Bank Guarantee @ Rs100/- per running meter to the NHAI, 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 pipelines 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

EXECUTIVE ENGINEER  
 Urban Division,

of way. No payment shall be payable by the NHAI to Executive Engineer, Urban Division, Trichy for clearing debris/loose earth. 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, Executive Engineer, TWAD Board, Urban Division, Trichy shall either furnish a fresh guarantee or extend the guarantee for a further period of one year. In case of Executive Engineer, TWAD Board, Urban Division, Trichy 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 Executive Engineer, TWAD Board, Urban Division, Trichy and recover the amount by invoking the bank guarantee furnished by Executive Engineer, TWAD Board Urban Division, Trichy.

**3. Confirming all standard conditions of NHAI:**

- (i) The period of validity of Way permission shall be co-terminus with the validity of licensee given by the Ministry of Communications / DoT.
- (ii) The pipelines shall be laid at the edge of the right of way within 2m utility corridors.
- (iii) The MS casing pipe shall be at least 1.65m below the surface of the road subject to being at least 0.3m below the drain inverts.
- (iv) 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 Executive Engineer, TWAD Board, Urban Division, Trichy will be required to restore the same to the original condition at his own cost.
- (v) Existing CD works shall not be allowed for laying the pipeline and shall be crossed by HDD method only.
- (vi) No trenching will be done on link road, boring method will be used in link road and pipelines will be laid at the extreme edge of the road in the non-BT surface only.
- (vii) 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 @ Rs100/- per meter length for maintenance/ repair work shall have to be furnished by The Executive Engineer, TWAD Board, Urban Division, Trichy.
- (viii) Each day, the extent of digging the trenches should be strictly regulated so that pipelines are laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the NHAI.
- (ix) 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 pipelines.
- (x) The NHAI has a right to terminate the permission or to extend the period of agreement. In case the Executive Engineer, TWAD Board Urban Division,

  
**EXECUTIVE ENGINEER**  
 TWAD Board, Urban Division,  
 TRICHY



Trichy wants shifting, repairs or alteration to pipelines, he will have to furnish a separate bank guarantee.

- (xi) 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 pipelines.
- (xii) The permission granted shall not in any way be deemed to convey to Executive Engineer, TWAD Board, Urban Division, Trichy any ownership right or any interest in route/road/highway/ land/ property, other than what is herein expressly granted.
- (xiii) During the subsistence of this agreement, the laying pipelines located in highway land/property shall be deemed to have been constructed and continued only by the consent and permission of the NHAI so that the right of Executive Engineer, TWAD Board, Urban Division, Trichy to the use thereof shall not become absolute and indefeasible by laps of time.
- (xiv) The Executive Engineer, TWAD Board Urban Division, Trichy shall bear the stamp duty charged for the agreement.
- (xv) The pipelines shall not be brought in to use by Executive Engineer, Urban Division, Trichy unless a completion certificate to the effect that the pipelines 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.
- (xvi) Notwithstanding 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, TWAD Board Urban Division, Trichy 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.
- (xvii) The licensee shall have to provide barricading, danger lighting and other necessary caution boards while executing the work and during maintenance. If NHAI is required to do some emergent work Executive Engineer, TWAD Board, Urban Division, Trichy 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.
- (xviii) 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 of the License with Department of TWAD Board, Urban Division, Trichy 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 of Executive Engineer, TWAD Board Urban Division, Trichy.

4. **Shifting due to 6 lining / widening of NH:** After the termination/expiry of the agreement, Executive Engineer, TWAD Board, Urban Division, Trichy shall remove the pipelines within 90 days and the site shall be brought back to the original condition failing which the Executive Engineer, TWAD Board, Urban Division, Trichy will lose the right to remove the pipelines. However, before taking up the work of removal of pipelines the Executive Engineer, TWAD Board, Urban Division, Trichy. 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

  
EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
Trichy

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.

5. **Traffic movement during laying of pipeline to be managed by the applicant:** If any traffic diversion works are found necessary during the working period such diversion shall be provided at the cost of The Executive Engineer, TWAD Board, Urban Division, Trichy.
6. **If any claim is raised by the concessionaire then the same has to be paid by the applicant:** Executive Engineer, TWAD Board, Urban Division, Trichy 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 Executive Engineer, TWAD Board, Urban Division, Trichy. 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 Executive Engineer, TWAD Board, Urban Division, Trichy. If Executive Engineer, Urban Division, Trichy to comply with the condition 5 and 6 above to the satisfaction of the NHAI, the same shall be got executed by the NHAI at the risk and cost of the Executive Engineer, TWAD Board, Urban Division, Trichy.
7. Executive Engineer, TWAD Board, Urban Division, Trichy, hereby do undertake to furnish a Performance Bank Guarantee @100/- 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. In case, Executive Engineer, TWAD Board, Urban Division, Trichy. Failing to discharge the obligation of making good the damages caused due to excavated trench, the NHAI shall have a right to make good the damages caused due to excavation at the cost of The Executive Engineer, TWAD Board, Urban Division, Trichy. And recover the amount by invoking the Bank Guarantee. In case the work contemplated is not completed to the satisfaction of NHAI, which has granted the permission, within a period of 11 months from the date of issue of the Bank Guarantee, Executive Engineer, TWAD Board, Urban Division, Trichy. Shall either furnish a fresh guarantee or extend the guarantee for a further period of one year.
8. The Executive Engineer, TWAD Board, Urban Division, Trichy hereby undertake that "The existing avenue plantation is not affect due to the present proposed pipeline in **on NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0** in the state of Tamil Nadu".
9. The Executive Engineer, TWAD Board, Urban Division, Trichy hereby undertake to adopt open trench method where the available width of ROW 15.00 m or more and trench less technology (HDD) where the available width of ROW is less than 15.00m and crossing of roads, wherever required and in build up areas as per the instruction of NAHI.
10. The Executive Engineer, TWAD Board, Urban Division, Trichy hereby undertake that the 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.

  
**EXECUTIVE ENGINEER**  
**TWAD Board, Urban Division,**  
**TRICHY**

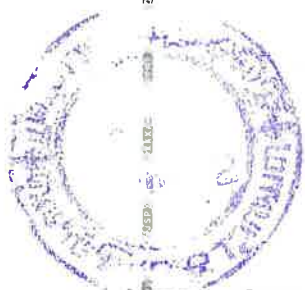
11. Lr. No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016 as and when asked by NHAI. Reference Circular issued by Ministry of Road Transport & Highways, GOI, Circular No. RW/NH-33044/29/2015-S&R (R) dated 22.11.2016. Where in, the last paragraph that "The Highway Administration Rules 2004 will be modified accordingly. This circular will come in to effect from the date of notification of the modified Highway Administration Rule" So we hereby give our consent to abide by the content of this circular from the date of its notification by MORTH, GOI and agree to pay the ground rent any other charges applicable for the section as applied by us.

  
(Authorized Signatory)  
Executive Engineer,  
TWAD Board, Urban Division,  
Trichy.





தமிழ்நாடு தமில்நாடு TAMILNADU



10 MAR 2025

Executive Engineer  
TWARD BOARD URBAN DIVISION  
TRICHY

DW 796881

R. B. Bhatt

R. பனித்ரா

முத்திரைத்தாள் விற்பனையாளர்  
உரிமம் எண்: I/2015/மா.ப.அ./திருச்சி  
சமயபுரம்

### INDEMNITY BOND

Name of work: Laying of water pipeline along and across the National Highway at Existing NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283/0 in the state of Tamilnadu.

### Indemnity against all damages and claims as per SI.NO.5.6 of Checklist

We, M/s. Tamilnadu Water Supply & Drainage Board (TWAD Board), Urban Division, Trichy, do hereby indemnify the Project Director, PIU, National Highways Authority of India, Trichy, binding ourselves to pay all the losses and claims in respect of laying of water pipeline along and across the National Highways at Existing NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283/0 in the state of Tamilnadu or maintenance thereof and against all claims proceeding damages, cost, charges and expenses whatsoever in respect thereof in relation thereto failing such payments of claims in the above work we abide in accepting of such claims affected from any of our assets.

EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
TRICHY



**Special Certificate**

Certificate for confirming of all standars condition issued vide ministry circular No. Ministry circular No.NH-41(58)/68 dated 3.1.1969, Ministry Circular No. NH-IIIP/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 dated 17.9.2003. Ministry Circular No.RW/NH-33044/29/2015S S&R (R) dated 29.11.2015.

  
**EXECUTIVE ENGINEER**  
**TWAD Board, Urban Division,**  
**TRICHY**

**Special Certificate**

- i) It is certified that any other location of the water pipe line would be extremely difficult and unreasonable costly and the installation of sewer pipe line within ROW will not adversely affect the design, stability& traffic safety of the highway nor the likely Future improvement such as widening of the carriageway, easing of curve etc.
- ii) For 4-Lanning
- iii) Here feasibility is available "I do certify that there will be no hindrance to proposed four-laning based on the feasibility report considering proposed structures at the said location".
- iv) In case feasibility report is not available " I do certify that sufficient ROW is available at site for accommodating proposed 4 Lane".

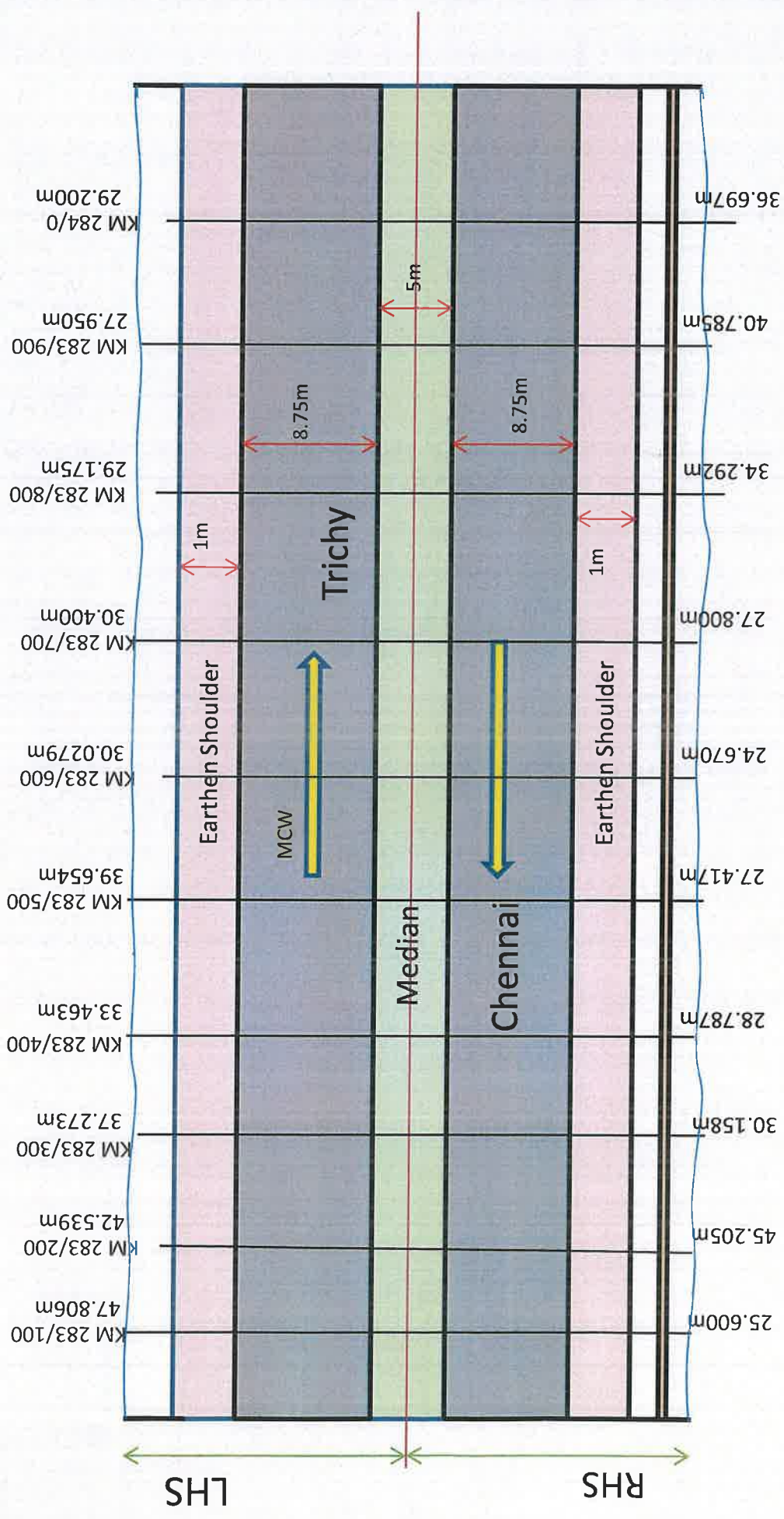
  
EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
TRICHY

**Special Certificate**

- (i) Laying of water pipeline will not have any deleterious effect on any the bridge components and roadway safety for traffic.
- (ii) For 6-lanning "We do undertake that I will relocate service road/approachroad/utilities at my own cost notwithstanding the permission granted within such time as will be stipulated by "NHAI" for future six-laning or any other Development."

  
EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
TRICHY

**CWSS TO PERAMBALUR MUNICIPALITY, PADALUR & ERAIYUR SIPCOTS IN PERAMBALUR DISTRICT -  
ON NH 38 land ON LHS BETWEEN KM 282/850 to 283/0 -- 150 m AND RHS BETWEEN KM 283/0 to 286/0 -  
3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283.**



**EXECUTIVE ENGINEER**  
TWAD Board, Urban Division,  
Trichy

**Y. VENUGOPALA RAO**  
HME CUM RE  
DE-Uiundurpet - Trichy

**Assistant Executive Engineer**  
TWAD Board  
Urban Sub Division I  
Trichy

**JUNIOR ENGINEER**  
TWAD BOARD  
URBAN SUB DN-I  
TRICHY.

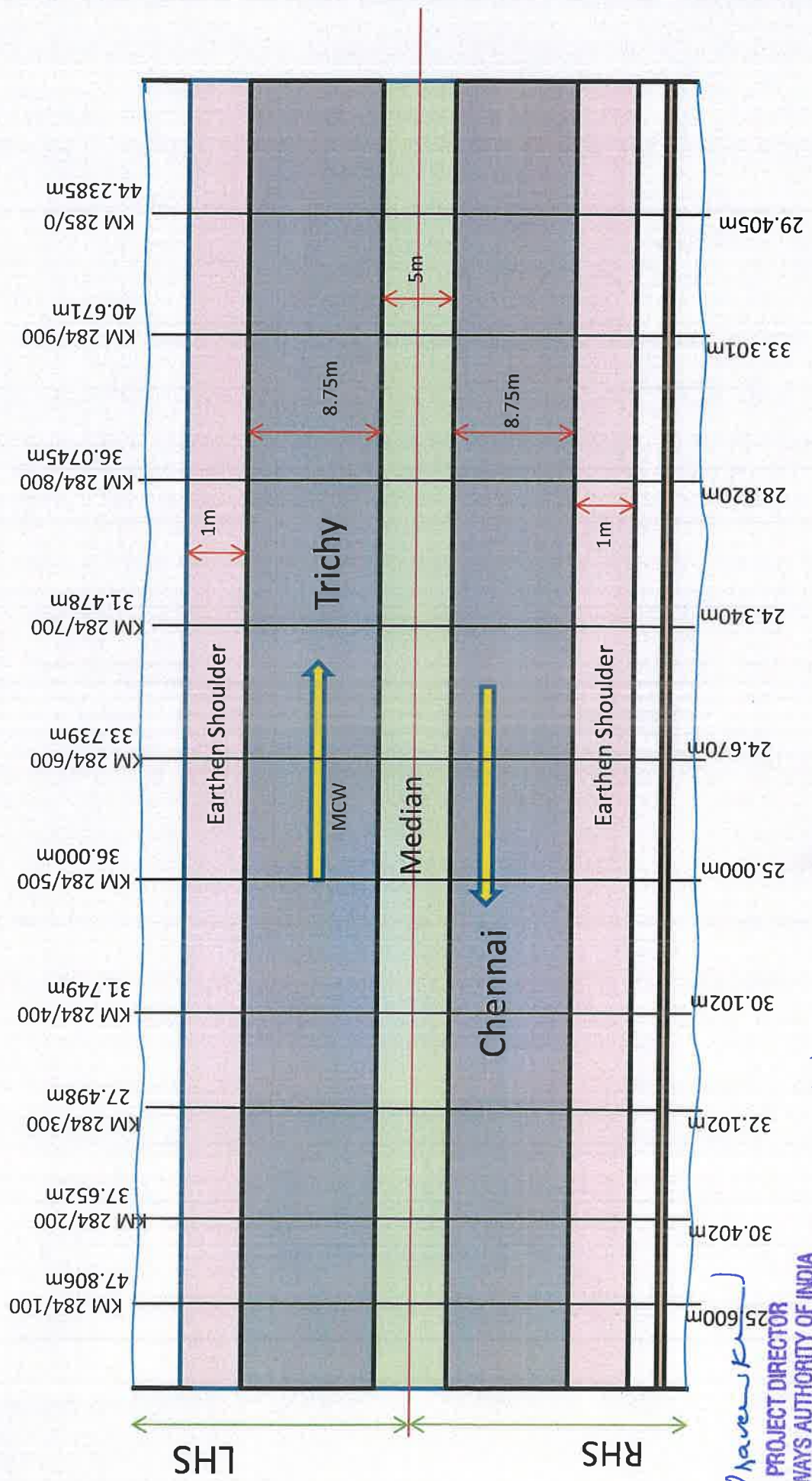
**DGM (T) & PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

**Proposed Pipe line**

**A.N. Srinivasan**



**CWSS TO PERAMBALUR MUNICIPALITY, PADALUR & EIRAIYUR SIPCOTS IN PERAMBALUR DISTRICT -  
ON NH 38 land ON LHS BETWEEN KM 282/850 to 283/0 -- 150 m AND RHS BETWEEN KM 283/0 to 286/0 -  
3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283.**



**EXECUTIVE ENGINEER**  
TWOAD BOARD Division,  
URBAN SUB DIVISION I  
TRICHY.

**Aselstant Executive Engineer**  
TWAD Board  
Urban Sub Division I  
Trichy

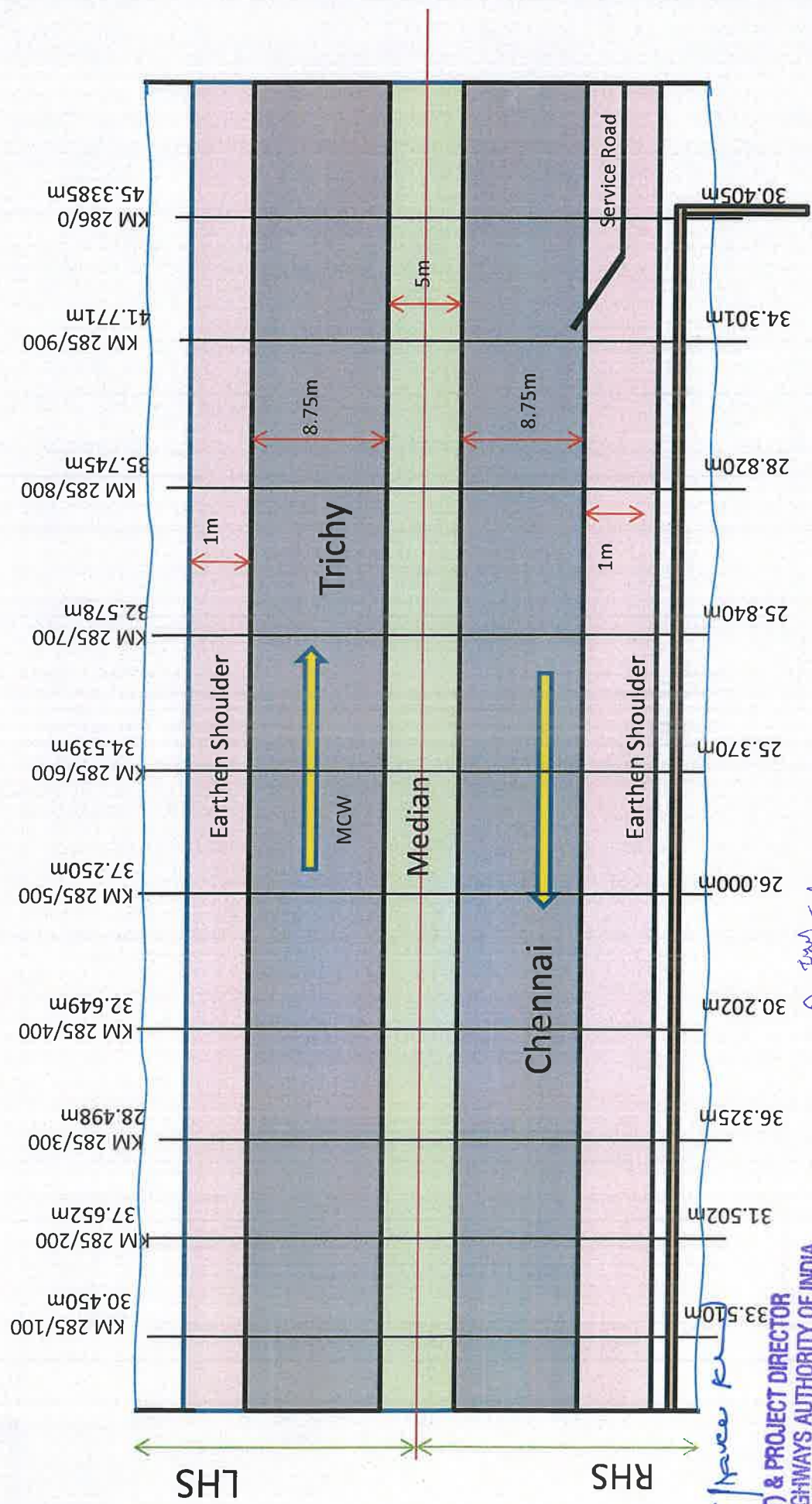
**JUNIOR ENGINEER**  
TWAD BOARD  
URBAN SUB DN-I  
TRICHY.

**Y. V. S. RAO**  
TWOAD BOARD  
URBAN SUB DIVISION I  
TRICHY.

**DGM (I) & PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY

Proposed Pipe line

**CWSS TO PERAMBALUR MUNICIPALITY, PADALUR & ERAIYUR SIPCOTS IN PERAMBALUR DISTRICT - ON NH 38 land ON LHS BETWEEN KM 282/850 to 283/0 - 150 m AND RHS BETWEEN KM 283/0 to 286/0 - 3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283.**



**EXECUTIVE ENGINEER**  
TWAD Board, Urban Division,  
TRICHY

**Assistant Executive Engineer**  
TWAD Board  
Urban Sub Division I  
Trichy

**JUNIOR ENGINEER**  
TWAD BOARD  
URBAN SUB DN-I  
TRICHY.

**Y.VENUGOPALA RAO**  
HME CUM RE  
IE, Chundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

**DGM (T) & PROJECT DIRECTOR**  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY



3000 m - TOTAL LENGTH 3150 M AND CROSSING AT KM 283.



Proposed Trenchless portion

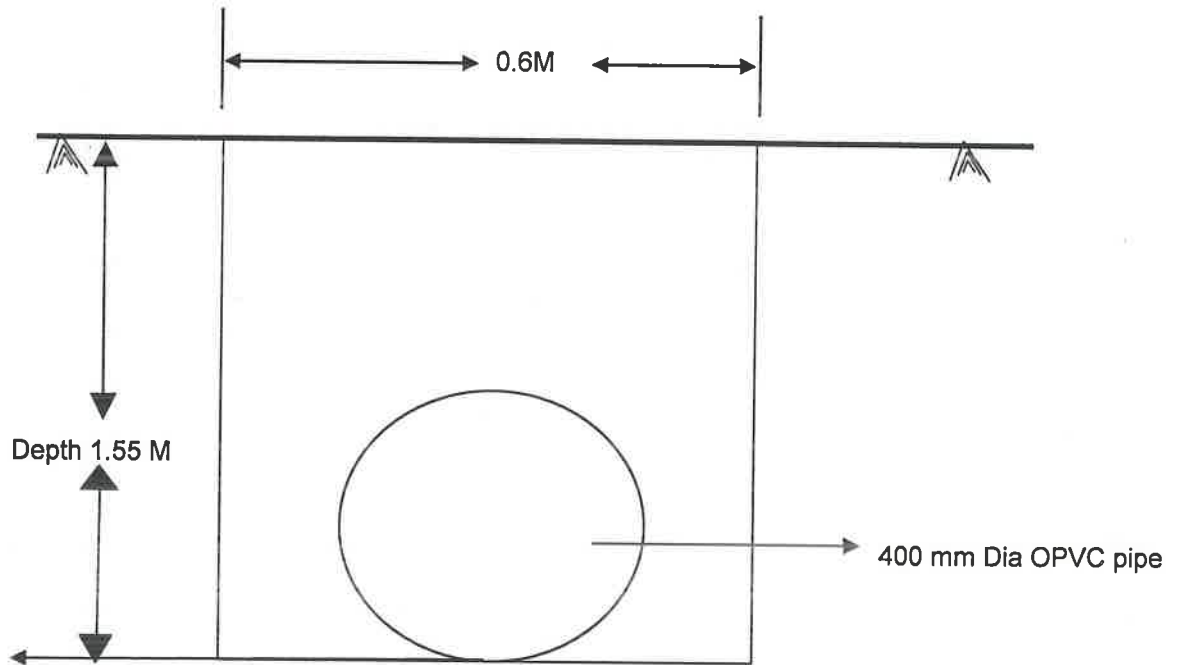
Dr. Jm. 02/04/25

**EXECUTIVE ENGINEER**  
**TWAD Board, Urban Division**  
**TRICHY**

**Y. VENUGOPALA RAO**  
HME CUM RE  
IE-Blundurpet - Trichy  
Feedback Infra. Pvt. Ltd.



Lr. No 1224 Dt. 26.06.25

**CROSS SECTION OF THE PROPOSED PIPELINE ALONG THE ROAD****KM 282+850 TO 283 OF NHAI BETWEEN TRICHY TO CHENNAI**

*[Signature]*  
04/04/25

JUNIOR ENGINEER  
TWAD BOARD,  
URBAN SUB DIVISION I  
TRICHY

*[Signature]*

ASSISTANT EXE. ENGINEER  
TWAD BOARD  
URBAN SUB DIVISION I  
TRICHY

*[Signature]* 14/4/25

EXECUTIVE ENGINEER  
TWAD BOARD  
URBAN DIVISION  
TRICHY

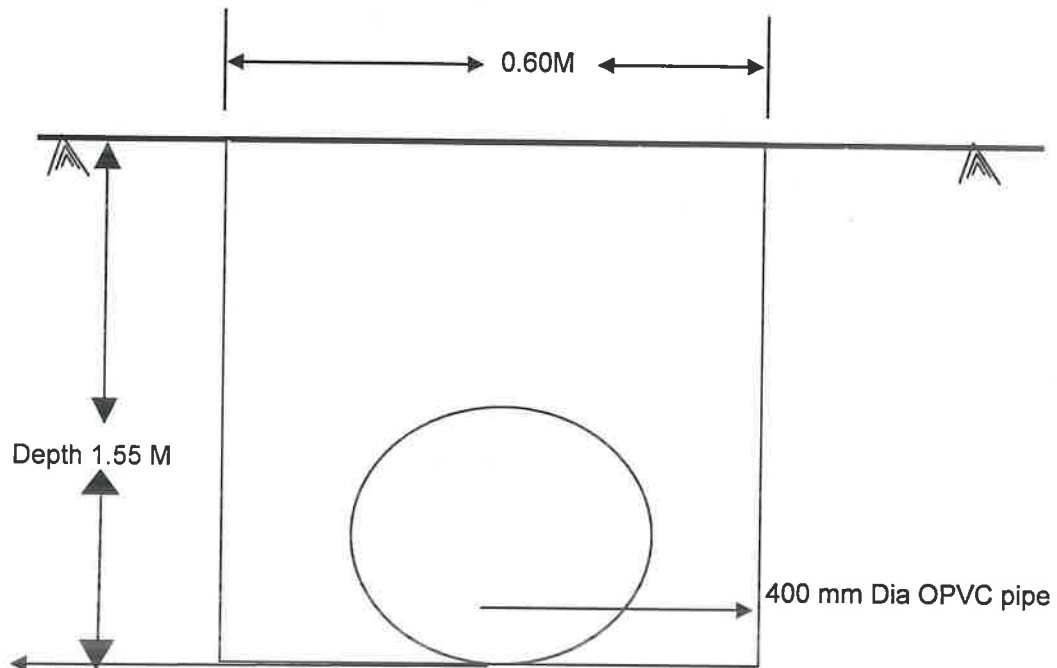
*[Signature]*

**Y.VENU GOPALA RAO**  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

*[Signature]*

DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

Jrno 1224 Dt. 26.06.25

**CROSS SECTION OF THE PROPOSED PIPELINE ALONG THE ROAD****KM 283 to 286 OF NHA1 BETWEEN TRICHY TO CHENNAI**

*An. Jey*  
04/04/25  
JUNIOR ENGINEER  
TWAD BOARD,  
URBAN SUB DIVISION I  
TRICHY

*B. S. S. S. S.*  
4/4/25  
ASSISTANT EXE. ENGINEER  
TWAD BOARD  
URBAN SUB DIVISION I  
TRICHY

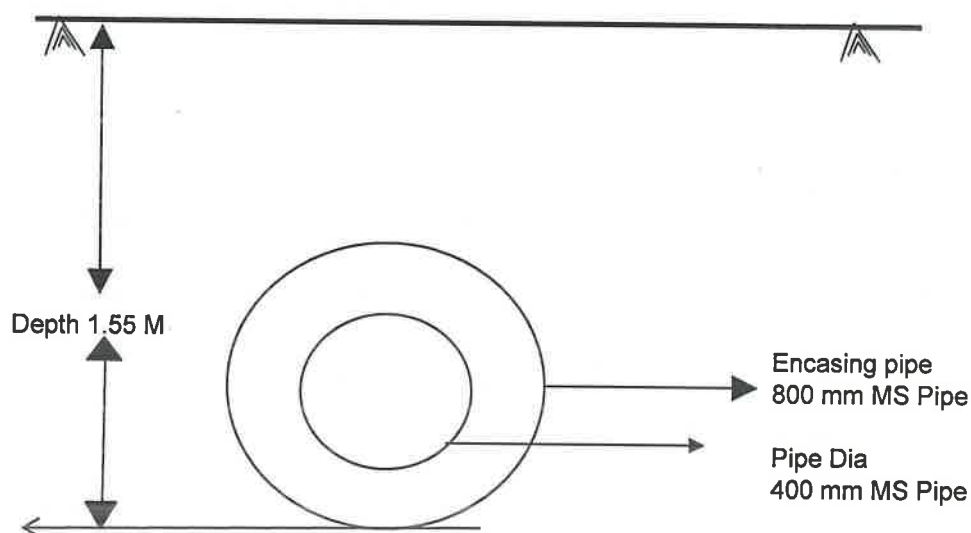
*U. S. S. S.*  
4/4/25  
EXECUTIVE ENGINEER  
TWAD BOARD  
URBAN DIVISION  
TRICHY

*Y. Venu*  
Y. VENU GOPALA RAO  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Trichy - Tamil Nadu

*A-N-Phane*  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

# CROSS SECTION OF THE PROPOSED TRENCHLESS EARTHWORK EXCAVATION ACROSS THE ROAD

KM 283 OF NHAI BETWEEN TRICHY TO CHENNAI.



*[Signature]*  
04/04/25  
JUNIOR ENGINEER  
TWAD BOARD,  
URBAN SUB DIVISION I  
TRICHY

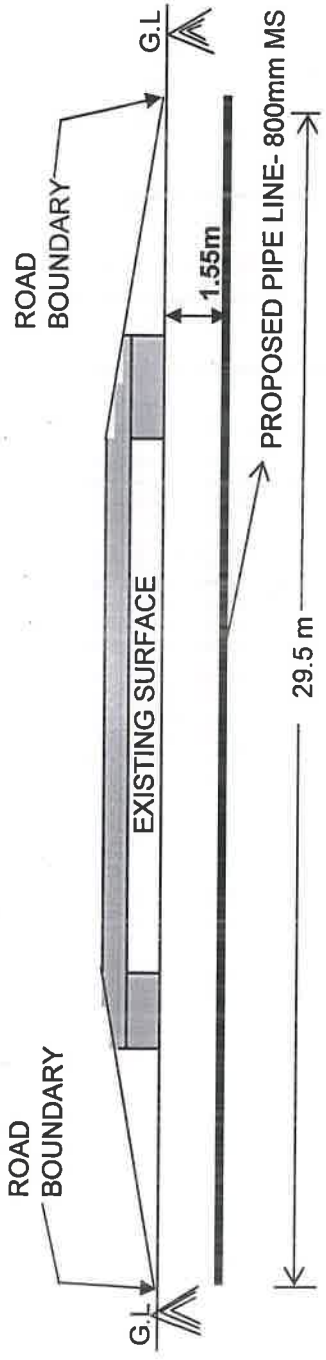
*[Signature]*  
04/04/25  
ASSISTANT EXE. ENGINEER  
TWAD BOARD  
URBAN SUB DIVISION I  
TRICHY

*[Signature]*  
04/04/25  
EXECUTIVE ENGINEER  
TWAD BOARD  
URBAN DIVISION  
TRICHY

*[Signature]*  
**Y.VENU GOPALA RAO**  
HME CUM RE  
IE-Ulundurpet - Trichy  
Feedback Infra Pvt. Ltd.  
Thrichy - Tamil Nadu

*[Signature]*  
**A.N. Phaveer**  
DGM (T) & PROJECT DIRECTOR  
NATIONAL HIGHWAYS AUTHORITY OF INDIA  
PIU-TRICHY - 620 001.

**TRICHY TO CHENNAI NHAI-38**  
**CROSS SECTION DETAILS**



**CROSS SECTION AT 283 KM**

ALL DIMENSIONS ARE IN METERS  
NOT TO SCALE

*A.N. Sankaranarayanan*  
04/04/25

**JUNIOR ENGINEER**  
**TWAD BOARD**  
**URBAN SUB DN-I**  
**TRICHY.**

**DGM (T) & PROJECT DIRECTOR**  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
**PIU-TRICHY - 620 001.**

*B. Sankaranarayanan*  
**Aselstant Executive Engineer**  
**TWAD Board**  
**Urban Sub Division I**  
**Trichy**

*Dr. S. Sankaranarayanan*  
**EXECUTIV E ENGINEER**  
**TWAD Board, Urban Division,**  
**TRICHY**

*Y. Venu Gopala Rao*  
**Y.VENU GOPALA RAO**  
**HME CUM RE**  
**IE-Ulundurpet - Trichy**  
**Feedback Infra Pvt. Ltd.**  
**Trichy - Tamil Nadu**



**GOVERNMENT OF INDIA  
MINISTRY OF ROAD TRANSPORT & HIGHWAYS  
AN ISO 9001:2008 CERTIFIED MINISTRY**

**S&R(R) ZONE**

IAHE Campus,  
A-5, Sector-62,  
Noida-201301.

**F. No. RW/NH-33044/29/2015/S&R(R)**

**Dated: 22<sup>nd</sup> November, 2016**

**To,**

1. The Chief Secretaries of all the State Governments/ UTs
2. The Principal Secretaries/ Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineers of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110 010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10, Dwarka, New Delhi-110 075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001

**Subject: Accommodation of Public and Industrial Utility Services along and across National Highways – Policy guidelines regarding.**

**Sir,**

The Government has realized that development of infrastructure across the Country on a sustainable and integrated manner continues to be an imperative for improving the state of economy, enhancing quality of life of the citizens and ensuring equitable development throughout the country.

Land being among the most precious of natural resources available, optimum utilization of land shall play a critical role in integrated development of infrastructure. One of the ways to effect such optimum utilization is leveraging land within National Highway (NH) Right of Way (ROW) for laying utility services. This may be achieved through granting permissions for laying utility services along and /or across the ROW. However, environment and safety of the road users are the prime factors in deciding permission for utility services. Permission may be denied, if it is not feasible to ensure safety and environment through requisite safeguards. The Administration of ROW, has been defined in the National Highway Land and traffic Control Act 2002 and relevant Rules 2004.

Keeping in view the need for consistency and clarity, in supersession of all the instructions contained in the earlier previous circulars on the subject, following guidelines shall apply for accommodation of Utility Services along and across National Highways.

**2. Laying of Utility Services along the National Highways:**

- 2.1 There shall be a provision for utility ducts for appropriate categories/combination of utilities in the construction of new/4-6 laning of National Highways. The ducts shall be located at appropriate location preferably as close to the extreme edge of ROW.
- 2.2 Utility services shall be laid in the utility ducts, if provided for the purpose.
- 2.3 In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of the embankment and drains, as close to the extreme edge of the RoW as possible. While granting permission, requirement of up-gradation also needs to be kept in view.

*Mamij Kumar*



2.4 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 metre below the ground level.

2.5 No utility service shall be laid over existing culverts and bridges except through the utility ducts where such provision exists. In case of absence of such provisions, the Licensee shall make his own arrangement for crossing of cross drainage structure, rivers, etc. below the bed.

2.6 In exceptional cases, where ROW is restricted the utility services can be allowed beneath the carriageway of service road, 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 in such case shall not be less than one lane. In such cases, it also needs to be ensured 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 as per the agreement.

### 3. Laying of Utility Services across the National Highway:

3.1 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.

3.2 Existing drainage structures shall not be allowed to carry the lines across.

3.3 The utility services shall cross the National Highway preferably on a line normal to it or as nearly so as practicable.

3.4 The casing/conduit pipe may be installed under the road embankment either by boring or digging a trench. Installation by boring method shall be preferred.

3.5 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 wider, (but not more than 60 cm wider), than the outer diameter of the utility pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.

3.5.1 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.

3.5.2 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.

3.5.3 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 modified 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.

3.5.4 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.

3.6 When utilities are allowed overhead, the horizontal and vertical clearance in accordance with the IRC shall be maintained.

4. Procedure for processing application for granting permission for use of highway land: Any person who intends to obtain permission shall make an application online in the prescribed form to Highway Administration or an officer authorized by Highway Administration on his behalf. The application must mention details the various safety clearances from the respective authorities such as Directorate of Electricity, Chief Controller of Explosives, Petroleum and Explosives Safety Organization, Oil Industry Safety

*Manoj Kumar*

Directorate, State/Central Pollution Control Board and any other statutory clearances as applicable, which must be obtained by the Applicant before applying to the Highway Administration.

The application shall be put out in the public domain for 30 days for seeking claims and objections (on grounds of public inconvenience, safety and general public interest). The permission for laying utility services is to be normally granted within 30 days from the day of closure of public objections and claims. If no communication is received from the Highway Administration within 30 days from the day of closure of public objections and claims, the permission shall be deemed to be granted. The initial permission would be valid for a maximum of 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.

5. Charges for granting licence for use of highway land: For the purpose of license fee/lease rentals, the utilities have been divided into two categories; i) Public utilities and b) Industrial utilities as per the details given in Annexure I.

License Fee/lease rentals described below is for Industrial utilities. The license fee for Public utilities shall be 33% of the fee prescribed for Industrial utilities.

5.1 The following methodology shall be followed for license fees/lease rental determination for utility service lines other than localized infrastructure facilities like towers, repeaters and junction boxes).

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Outer diameter/width of the concerned utility line X length

5.2 The following methodology shall be followed for license fees/lease rental determination for utility services such as towers/repeaters/ junction boxes etc.

License Fees (Rs/sq m/ month) = (Utilized NH land area X prevailing Circle Rate of land per unit area) / (10 x 12) where,

Utilized NH land area = Projection of utility on the ground including area of support system/tower

However, for public utilities, area below the support system/tower shall only be charged.

5.3 Fee shall have to be paid in advance for the period for which permission is granted. 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.

5.4 A system to redress grievances and to consider relaxation from the guidelines, in exceptional cases, shall be notified separately and shall be effective from the date of notification.

6. All required restoration, maintenance work subsequent to laying of utility services 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. To process for the granting of permission and prior to signing of Lease agreement, a Performance Bank Guarantee for an amount based on per route metre with a validity of one year initially, in the prescribed format (extendable if required till satisfactory completion of work) shall have to be furnished by the utility service provider/ Licensee, as a security against improper restoration of ground in terms of

*Manoj Kumar*

:4:

filling/unsatisfactory compaction damages caused to other underground installations/utility services & interference, interruption, disruption or failure caused thereof to any services etc.;	
Utility services such as pipes etc (rate in per m)	
provided in the ducts already provided	
<= 300 mm dia/width	Rs 50
> 300 mm dia/width but <=1000 mm	Rs 100
> 1000 mm	Rs 250
Utility services such as towers etc (rate in Rs per sq m)	Rs 500
	Rs 100

In case the Licensee fails 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. 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. 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.

7. The Authority shall enter into a License Agreement with the respective utility service provider in the format enclosed (Appendix) including any other conditions imposed by Highway Administration, to ensure safe and uninterrupted flow of traffic. Post signing of the agreement, the utility service provider shall be designated as 'Licensee' for the purpose of this project and will be authorized to install and operate utility services within the NH RoW. However, utility services shall be made operational by the Licensee only after a completion certificate to the effect is issued by the Highway Administration.

Encls: As above.

*Manoj Kumar*  
(Manoj Kumar)  
Executive Engineer(NFSG) (S,R&T) (Roads)  
For Director General (Road Development) & SS

Copy to:

1. All Technical Officers in the Ministry of Road Transport & Highways
2. All ROs and ELOs of the Ministry
3. The Secretary General, Indian Roads Congress
4. The Director, IAHE
5. Technical circular file of S&R (R) Section
6. NIC-for uploading on Ministry's website under "What's new"

Copy for kind information to:

7. PS to Hon'ble Minister (RTH&S)
8. PS to Hon'ble MOS (RTH&S)
9. Sr. PPS to Secretary (RT&H)
10. PPS to DG (RD) & SS
11. PPS to SS&FA
12. PS to ADG-I/ ADG-II
13. PS to JS (T)/ JS (H)/ JS (LA&C)/ JS (EIC)

\*\*\*\*

## Public Utility provider and Industrial infrastructure

### A. Public Utility Provider

A Public Utility Provider in context of this Guideline shall mean any organization that provides and maintains the infrastructure for a public service like electricity, gas, water supply, telecom cables and sewage disposal subject to applicable regulation.

### B. Eligible activities for Industrial Units or 'Industrial Infrastructure'

Industrial Infrastructure in context of this Guideline shall mean any physical infrastructure that is required to facilitate industrial operations and is constructed, operated and maintained along/across Right of Way of National Highways. Such infrastructure shall include the following:

- a. Underground & above ground pipelines including provisions for booster pumping facilities, maintenance bays and other required support infrastructure for transport of legally permitted materials for industrial usage by a business entity having valid license for industrial operations.
- b. Conveyor Belts including provisions for maintenance bays and other required support infrastructure for transport of legally permitted materials, by a business entity having valid license for industrial operations.
- c. Power cables/wires etc. meant for industrial usage by a business entity having valid license for industrial operations.
- d. Any other such associated industrial infrastructure facility.

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

Agreement to lay pipe line / ducts etc. on NH 38 land on LHS BETWEEN KM 282/850 to 283/0 – 150m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0.

This agreement made this .....day of..... (Month) of..... (Year) between the National Highway Authority India acting in his executive capacity through (hereinafter referred to as the "Authority" which expression shall unless excluded by or repugnant to the context, include his successors in office and assigns) on the one part, and the Executive Engineer, (Tamilnadu water Supply and Drainage Board) Urban Division and having its registered office at TWAD Board Integrated office building, J.K.Nagar, Kajamalai, Trichy-620023 (hereinafter called the "Licensee" )

Which expression shall unless excluded by repugnant to the context include his administrator assignees on the second part.

Whereas the Authority is responsible, inter-alia. For development and Maintenance of land in LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL LENGTH 3150 m AND CROSSING AT KM 283/0.

Whereas Licensee proposes to lay pipe/ ducts etc. referred to as utility Service in subsequent paras.

Whereas the Licensee has applied to the Authority for permission to lay utility service from LHS BETWEEN KM 282/850 to 283/0 – 150 m AND RHS BETWEEN KM 283 to 286 – 3000 m - TOTAL

LENGTH 3150 m AND CROSSING AT KM 283/0.

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 witnesses that in consideration of the conditions hereinafter contained and on the part of the Licensee to be observed and performed, the Authority hereby grants to the Licensee permission to lay utility services as per 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 existing user by the subsequent user, the Authority shall not be held accountable liable in any manner.
3. The Licensee shall be responsible for undertaking all activities including, but not limited to site identification, survey design, engineering, arranging finance, project management, obtaining regulatory approvals & necessary clearances, supply of equipment, material, construction, erection, testing and commissioning, maintenance and operation and all other activities essential or required for efficient functioning of their own utility/ industrial infrastructure facilities.
4. The Licensee shall pay license fees @ Rs ...../sq m/month to the Authority. The License fee shall become payable from the date of handing over of Row land to the Licensee, for laying of utilities/cables/conduits/pipelines for infrastructure/ service provider. As regards Tariff and Terms and conditions for providing common utility ducts along National Highways, there shall be a separate agreement regime.
5. Fee shall have to be paid in advance for the period for which permission is granted for entering into a license agreement. In case of renewal rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.
6. Present policy of the MoRT&H is to provide a 2.00 m wide utility corridor on either side of the extreme edge of RoW. In cases where utility ducts with sufficient space are already available along NH, the utility services shall be laid in such ducts subject to technical requirements being fulfilled.
7. The utility services shall be laid at the edge of the RoW. In case of restricted width of RoW, which may be adequate only to accommodate the carriageway, central verge, shoulders, slopes of embankment, drains, other 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 are 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 I landscaped with required safety measures as directed by the concerned Authority.
11. The utility services shall be permitted to cross the National Highway either through structure or conduits specially built for that purpose. The casing I 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 Specification 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 lot crossing the road may be installed under the road embankment either by rig or digging a trench. Installation by boring method shall be preferred.
16. In case of trenching, the sides of the trench should be done as nearly vertical as possible. The trench width should be at least 30 cm. but not more than 60 cm. wider than the outer diameter of the pipe. Filling of the trench shall conform to the specifications contained here-in-below or as supplied by the Highway Authority.
  - i. 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.
  - ii. 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
  - iii. 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 saturation or bonding will not be permitted.

- iv. 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 1compaction, 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 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 Perfomance 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 month 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 licenses shall the utility services within 90 (or as specified by the respective Authority) from the date of issue 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 commence commencement of the excavation/using the existing cable ducts. The Licensee shall procure insurance from a reputed insurance company against damage to already existing underground installations/utilities /facilities etc.

23. The Licensee shall be solely responsible/ liable for full compensation/indemnification of concerned agency I 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 11, 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 read 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 works shall have to be the Licensee.
27. Each day, the extent of digging the trenches should be strictly rg•liateJ so that utility services is laid and trenches filled up before the close of the work that day. Filling should be completed to the satisfaction of the concerned agency designated by the Authority.
28. The licensee shall indemnity the concerned agency in co-ordination with Authority, against all damages and claims, if any due to the digging of trenches for laying cable/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 pemlission shall automatically be renewed, unless defaults exist.



In case of renewal, rate prevailing at the time of renewal shall be charged. Delay in deposition of fee shall attract interest @ 15% per annum compounded annually.

30. The permission shall be valid only for the period it is issued and fee deposited. However, the Authority also has a right to terminate the permission or to extend the period of Agreement.
31. That the Licensee shall not undertake any work of shifting, repairs or alterations to the utility services without prior written permission of the concerned agency in co-ordination with the Authority.
32. The permission granted shall not in any way be deemed to convey to the Licensee any ownership right or any interest in route/road/highway land /property, other than what is herein expressly granted. No use of NH RoW will be permitted for any purpose other than that specified in the Agreement.
33. During the subsistence of this Agreement, the utility services located in highway land I 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 cables 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 Site at all times to the authorized representatives of Authority to inspect the Project Facilities and to investigate any matter within their Authority, and upon reasonable notice, shall provide reasonable assistance, necessary to carry out their respective duties and functions.
37. The utility services shall not be made operational by the Licensee unless a completion certificate to the effect that the utility services has been laid in accordance with the approved specification and drawings and trenches have been filled up to the satisfaction of the concerned agency in co-ordination with the Authority has been obtained. Notwithstanding anything contained herein, this Agreement may be cancelled at any time by Authority for breach of any condition of the same and the Licensee shall neither be entitled to any compensation for any loss caused to it by such cancellation nor shall it be absolved from any liability already incurred.
38. The Licensee shall ensure adherence to relevant India'n 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 measures like barricading, danger lighting and other necessary caution board while executing the work.
  40. While laying utility services, at least one lane of road shall be kept open to L111ffic 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 orle 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. For PPP Projects, in case of any financial loss incurred by the respective project concessionaires due to such laying/shifting of utility services by the Licensee compensation for the same shall be required to be borne by the Licensee in mutual agreement with the respective project concessionaires . MoRT&H/ NHAI implementing authorities for the project shall not be liable to the concessionaire in any way in this regard.

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

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

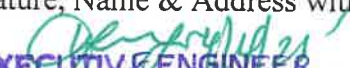
SIGNED SEALED AND DELIVERED FOR AND ON BEHALF OF AUTHORITY.

BY SHRI \_\_\_\_\_

SIGNED ON BEHALF OF M/S \_\_\_\_\_ (Licensee)

BY SHRI \_\_\_\_\_

(Signature, Name & Address with stamp)

  
EXECUTIVE ENGINEER  
TWAD Board, Urban Division,  
TRICHY

HOLDERS 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.   
Assistant Executive Engineer  
TWAD Board  
Urban Sub Division I  
Trichy

2.   
JUNIOR ENGINEER-I  
TWAD Board, Urban Sub Division I  
Trichy.

Enclosure to Ministry of Road Transport & Highways letter  
No.RW/NH-34066/7/2003 S&R (B) dated 17.09.2003

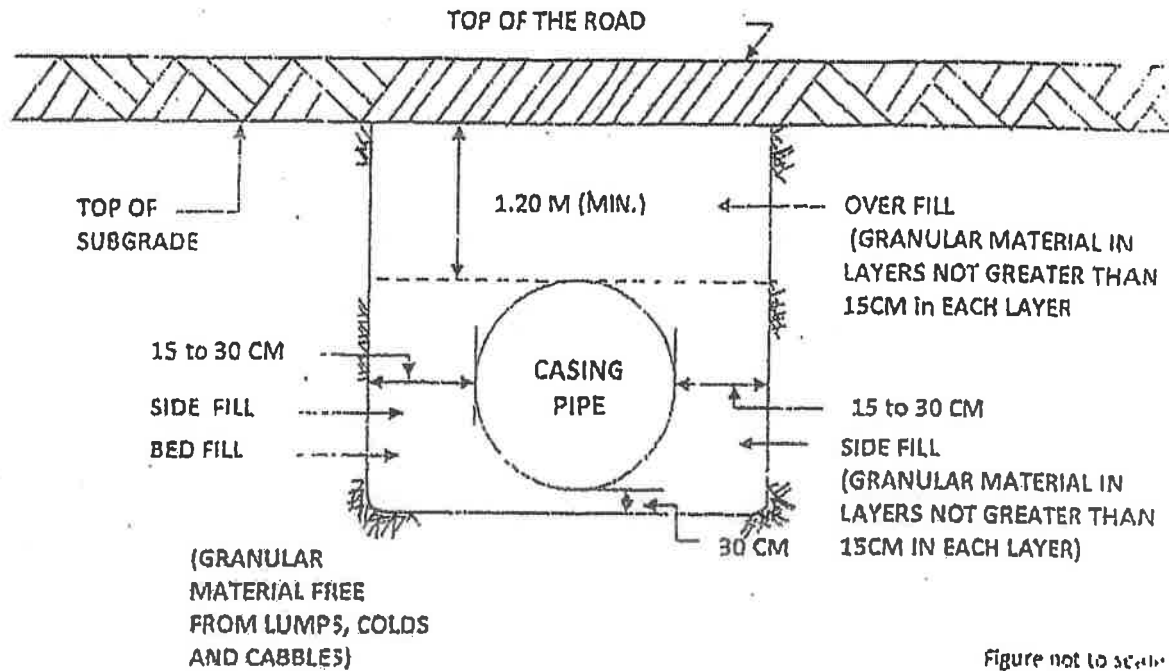


FIGURE-1 INSTALLATION OF CASING PIPE FOR  
CROSSING THE ROAD



No. RW/NH-37011/52/2020-BP&SP  
Government of India  
Ministry of Road Transport & Highways  
(BP&SP Cell)

Transport Bhawan, 1, Parliament Street, New Delhi-110001

M(A)  
M(P) RKP  
M(P) MK  
M(T)  
Cum(T) SKM  
K.L.P. 15/01/21

Dated: 15<sup>th</sup> January, 2021

To,

1. The Chief Secretaries of all the State Governments / UTs
2. The Principal Secretaries / Secretaries of all States/ UTs Public Works Department dealing with National Highways, other centrally sponsored schemes.
3. All Engineers-in-Chief and Chief Engineer of Public Works Department of States/ UTs dealing with National Highways, other centrally sponsored schemes.
4. The Director General (Border Roads), Seema Sadak Bhawan, Ring Road, New Delhi-110010.
5. The Chairman, National Highways Authority of India, G-5 & 6, Sector-10 Dwarka, New Delhi-110075.
6. The Managing Director, NHIDCL, PTI Building, New Delhi-110001.

**Sub: Accommodation of Public and Industrial Utility Services along and across National Highways - Policy guidelines regarding.**

Sir,

Please refer the Ministry's circular no. RW/NH-33044/29/2015/S&R(R) dated 22.11.2016 (copy enclosed) regarding subject cited above.

2. Keeping in view the all-round industrial development in the Country, the National Infrastructure Pipelines (NIP) projects are vital for Nation Building and therefore, optimum utilizing of National Highway land/ RoW for laying of utility services along & across National Highway plays a critical role in integrated development of infrastructures. Further, such utilization of land/ RoW for laying utility services will reduce pressure on highway traffic as well.

3. In order to meet the above requirement, a partial modification to aforesaid guideline dated 22.11.2016 has been envisaged. Accordingly, para 2.3 of above mentioned guidelines may be read as under:-

*"In stretches where utility ducts have not been provided, the utility services shall be located, beyond the toe line of embankment and drains, as close to the extreme edge of the RoW as possible. A width of upto 5m may be utilized to lay such utility services along National Highway subject to the availability of RoW. While granting permission, requirement of up-gradation also needs to be kept in view."*

4. Other paras/ points/ conditions of the guideline dated 22.11.2016 shall remain intact.
5. This issues with the approval of Competent Authority.

Encl.: As above.

Yours faithfully,

*for Shubham Yadav*  
15/1/2021  
(Shubham Yadav)

Assistant Executive Engineer (BP&SP)

**Copy to:**

1. All Technical Officers in the Ministry of Road Transport & Highways.
2. All ROs and ELOs of the Ministry.
3. The Secretary General, Indian Roads Congress.
4. The Director, IAHE.
5. NIC-for uploading on Ministry's website under "What's New" and on e-office.

**Copy for kind information:**

7. PS to Hon'ble Minister (RTH&S).
8. PS to Hon'ble MOS (RTH&S).
9. Sr. PPS to Secretary (RT&H).
10. PPS to DG (RD) & SS.
11. PPS to AS & FA.
12. PPS to all ADGs.
13. PPS to JS(T)/JS(H)/JS (LA & C)/JS (EIC).



### **ABSTRACT**

Tamil Nadu Water Supply and Drainage Board – Combined Water Supply Scheme to Perambalur Municipality and State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Industrial Complex located at Erayur and Padalur in Perambalur District with river Kollidam as source at an estimated cost of Rs.345.78 crore – Administrative Sanction – Accorded – Orders – Issued.

### **Municipal Administration and Water Supply (WS2) Department**

**G.O.(Ms) No.149**

**Dated: 23.10.2024**

குளோதி வருடம், ஐப்பசி 6  
திருவள்ளூர் ஆண்டு 2055

**Read:**

From the Managing Director, Tamil Nadu Water Supply and Drainage Board, Letter No.F.Namakkal CWSS/ AE3/ PDC/ 2023, dated 07.06.2024.

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### **ORDER:-**

The Hon'ble Minister for Finance and Human Resources Management during the Budget Speech for the year 2024-25 on 19.02.2024, has announced, among others, that "Combined water supply scheme using Kollidam River as source will be implemented for providing water to approximately 65,000 people in Perambalur Municipality, and SIPCOT Industrial Complex located at Erayur and Padalur in Perambalur District, at an estimated cost of Rs.366 crore."

2. The Managing Director, Tamil Nadu Water Supply and Drainage Board in his proposal read above, has stated that the District Collector, Perambalur also requested to provide a dedicated Water Supply Scheme to Perambalur Municipality. The Base Year population (1991) designed for the existing scheme, is now projected as three times higher i.e., the Base year (2025) population is 65058 and population for intermediate (2040) and ultimate stage (2055) is projected as 81568 and 98079 respectively. As an Underground Sewerage Scheme (UGSS) has also been implemented, the pro-rata supply has to be raised from 70 lpcd to 135 lpcd and hence it is essential to formulate a new Water Supply Scheme. The project area comprises of Perambalur Municipality, Erayur and Padalur SIPCOT Industrial Parks in Perambalur District. It is proposed to tap the total net requirement of 16.19 MLD in River Kollidam near Nochiyam habitation.

3. The Managing Director, Tamil Nadu Water Supply and Drainage Board has stated that the estimate of the above scheme works out to Rs.345.78 crore and the annual maintenance is Rs.5.24 crore.

4. The Managing Director, Tamil Nadu Water Supply and Drainage Board has further stated that the Regional Technical Committee and the State Level Technical Committee approved the proposal. The Board vide its resolution No.855, dated 03.06.2024, has accorded approval for the above proposal.

5. The Managing Director, Tamil Nadu Water Supply and Drainage Board has requested administrative sanction of Government and fund tie-up for the Combined Water Supply Scheme to Perambalur Municipality and SIPCOT Industrial Complex located at Erayur and Padalur in Perambalur District with river Kollidam as source at an estimated cost of Rs.345.78 crore to install and Rs.5.24 crore to maintain annually.

6. The Government, after careful examination of the proposal of the Managing Director, Tamil Nadu Water Supply and Drainage Board have decided to accord administrative sanction for Combined Water Supply Scheme to Perambalur Municipality and State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Industrial Complex located at Erayur and Padalur in Perambalur District with river Kollidam as source at an estimated cost of Rs.345,78,00,000/- (Rupees Three hundred forty five crore and seventy eight lakh only) to install and Rs.5,24,00,000/- to maintain annually with the following funding pattern:

(Rupees in crore)

1.	TUFIDCO Loan	190.00 (5 years moratorium, tenure 30 years)
2.	Urban Local Body (KNMT 2024-25)	23.19
3.	Urban Local Body (KNMT 2025-26)	26.30
4.	Government of Tamil Nadu one time grant	26.00
5.	SIPCOT	80.29
	<b>Total</b>	<b>345.78</b>

7. This order issues with the concurrence of the Finance Department vide efile No.2286/Finance (Infra-III)/2024, dated 22.10.2024.

**(BY ORDER OF THE GOVERNOR)**

**D. KARTHIKEYAN**  
**PRINCIPAL SECRETARY TO GOVERNMENT**

**To**

The Managing Director, Tamil Nadu Water Supply and Drainage Board,  
Chennai- 600 005.

The Director of Municipal Administration, Chennai – 600 028.

The District Collector, Perambalur District.

The Commissioner, Perambalur Municipality.

(Through Director of Municipal Administration)

The Finance Director, Tamil Nadu Water Supply and Drainage Board,  
Chennai- 600 005.

The Accountant General (A&E), Chennai- 600 018.

The Accountant General (Audit-I), Chennai- 600 035.

**Copy to:**

The Office of the Hon'ble Chief Minister, Chennai – 600 009.

The Office of the Hon'ble Minister for Municipal Administration, Chennai – 600 009.

The Office of the Hon'ble Minister for Finance and Environment and Climate  
Change, Chennai – 600 009.

The Finance (Infra.III) Department, Chennai – 600 009.

The Municipal Administration and Water Supply (OP II) Department, Chennai – 600 009.

Stock file / Spare copy.

**//FORWARDED BY ORDER//**

*Alyat*  
23/10/24  
**SECTION OFFICER**  
23/10/24